# bedrunka+hirth

Workplace up to date – mehr Raum zum Arbeiten





Drawer cabinets	
MRS®	
CNC storage and transport systems	The state of the s
Workbenches	
Multi-Board	
workraster - the structured one	
workergo - the versatile one	
workline - the highest one	清
Heavy load tables - the strongest ones	再
Other workplace systems	
other workplace systems	
Worktops	
ESD	
Mobile logistics systems	
Hinged and sliding door cabinets	
Chairs and shelving	
Cloakroom cabinets	

# Innovative, competent and independent

### Paul Bedrunka + Otto Hirth

### Ludwig Kellner, Managing Director

### 1969





It all started with a small workshop in Bräunlingen. Initially, the two founders Paul Bedrunka and Otto Hirth employed six people. The production area featured a few drilling machines, grinding and welding equipment and guillotine shears. Since the company did not have cranes or forklifts at the time, metal sheets and pipes were unloaded by hand after delivery. Pipes were loaded through the windows into the building one by one. This often posed great challenges to employees. Primarily table frames with crank adjustment were produced on a few square meters of production area. Sheet metal was processed entirely without a control system. Metal sheets were then painted by hand using liquid paint. The products were delivered by means of a single small truck. Mr. Hirth was in charge of sales, and was responsible for ensuring a stable order situation. Mr. Bedrunka coordinated and supervised the production. At that time, the customer base came from the region within a radius of 100 km.

The new development on Gießnaustraße, built in 1982/83, created more space for new production and administrative areas. Over time, there were further additions. The number of employees, the machinery and the opportunities of market expansion in Germany grew steadily. The company kept extending its product range in the following years.

In 1985, Ludwig Kellner became a Managing Director. Today, the workforce consists of 100 employees, who are employed on a factory space of 8,000 square meters.

### 1985





Digitalization is changing businesses. Meanwhile, production and shipping departments are bursting at the seams. The times of necessary provisional arrangements and rented temporary premises came to an end. The foundation stone was laid in the spring of 2018. For the 50th company anniversary, we will have erected a new three-storey business building and an additional factory building. This is necessary due to the digitized production and logistics. It also ensures optimal conditions for new product lines, state-of-the-art online marketing and additional workstations. We adapted to digitally networked systems early on, and combined the high-quality cabinets, worktables and shelving systems "made in Germany" with building blocks of information and communication technology. Such systems and solutions match the requirement profile of Industry 4.0 and bring us continuously growing sales and employment figures. Online distribution channels are gaining in importance along with complete digital internal logistics.

For example, customers can configure their cabinet systems online, or can have their entire factory floor planned and modelled. This can then be displayed in three dimensions on the customer's screen by means of professional interfaces.

The data is applied directly in the production. It accompanies the production of cabinets and worktables from plate cutting and assembly to delivery and installation.

### bedrunka+hirth

Introduction





# Innovative, competent and independent

### Online Configurator

### Schubladenschrank-Konfigurator Your dream cabinet in just a few clicks

Our new drawer cabinet configurator is now even clearer and more user-friendly. In just a few steps it gides you through all the options of our extensive product range. The intelligent system calculates in the background, offers additional explanations and summarizes the selection with all technical details and illustrations.

The configurator's dialog box offers matching small parts bins and metal divider as well as trough plates, ribbed rubber inserts and anti-slip mats. With a few clicks, the drawers are equipped so that everything clearly finds its fixed place.

#### How the configurator works:

- Select cabinet type (stationary or mobile)
- Select desired grid size and cabinet height
- Define drawers
- (front heights and load capacities depending on application)
- Choose a suitable color for the housing and the drawers from our 16 standard colors
- Additional equipment such as matching small parts bins and metal dividers as well as trough plates, ribbed rubber inserts and anti-slip mats make your cabinet perfect





### **Coming soon**

New workbench configurator

### Corporate principles



### QUALITY

- High-quality steel sheets and steel pipes
- Long product service life
- Products are made to order
- Optimisation of your value creation
- Product development to state-of-the-art standards

### INDEPENDENT BRAND

SHORT LEAD TIMES

# RETAIL

- Customer focus, personal contact
- Competent advice on site
- Unrestricted identification with the manufacturer
- Stocking of popular promotional models at retailers
- Conveying of market trends

# INDIVIDUAL SOLUTIONS

**COMPETENT STAFF** 

### **CUSTOMIZED**

- Customer-related solutions
- Customised products for your production and storage area
- 15 standard colours
- Collaboration on all operating facility objects
- Product knowledge leads to solutions to customer problems

### **PLANNING**

- On-site consulting and situation analysis
- Individual solutions for your requirements
- 3D planning programs and extensive library
- Professional solutions, quickly and easily in 3D

HIGH QUALITY HIGH FLEXIBILITY COMPREHENSIVE ADVICE

CLOSE TO RETAILERS

### We are certified





# First-class industrial equipment

### Range of products



#### **PRODUCTS**

Take a look at our wide range of products.

We have been making equipment for industry, trade and service sectors for over 50 years in Bräunlingen in the German Black Forest. We develop our products to state-of-the-art standards. We use only high-quality steel sheets and steel pipes to meet the highest of requirements and withstand large loads.

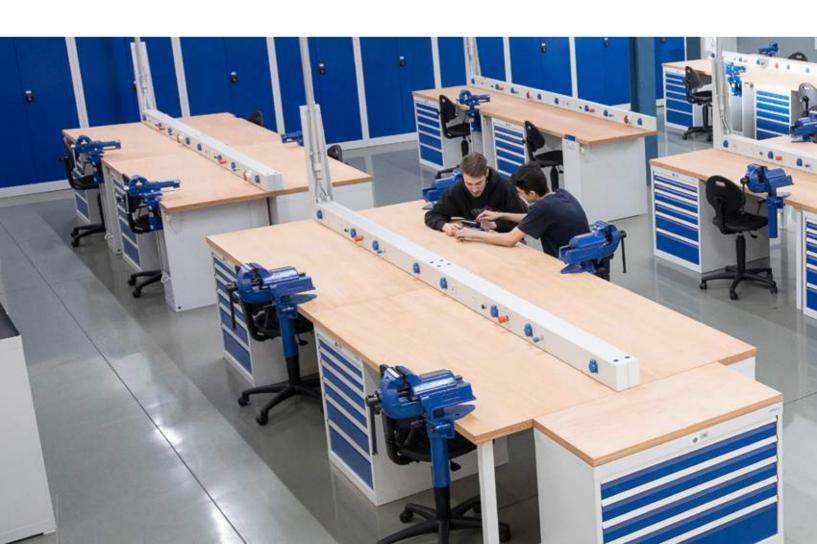
We help our customers optimise their value creation in the areas of production, assembly and service by using our products and services. Apart from drawer cabinets and workbenches as well as mobile logistics systems in a variety of designs, we manufacture ergonomic workplace systems with a wide range of components.

The production programme also includes CNC storage and transport systems with their own CNC inserts, which can be individually and rationally positioned simply by clicking them into place.

When it comes to drawer cabinets, all 736 mm drawers are equipped with 100% full pull-out and ball-bearing drawer guides. Drawers with 50 mm front height have a load capacity of 70 kg; drawers from 75 mm

front height have a load capacity of 100-300 kg.

The front opening solution for our electronic drawer cabinets "Tool Server Modular" TSM®, with a complete inventory management, is protected by the European Patent Office. This system of tall cabinets and standard tool cabinets can be used wherever access control is needed. Each drawer, and even each subdivision with cover, is electromagnetically interlocked, on standby around the clock and contains an electronic storage and ordering system. The range of products has been extended in recent years by a spiral vending machine and a rotating drum device.



# Market segments

- Industry: Due to their durability, our high-quality products are appreciated in mechanical and plant engineering and in the metalworking industry.
- Industrial/crafts: From simple workbenches to workshop trolleys and packing tables, our products make work easier.
- Training and public facilities: From group workplaces to workbenches and office furniture, we are well placed to meet all requirements.
- Chemical/pharmaceutical industries: Our workplace systems are particularly popular in research and development facilities.

- Automotive/aviation industries: Bedrunka+Hirth is a well-known brand in the aviation and automotive industries, as well as in motor racing.
- Electrical and electronic devices: With our secure ESD workstations and ESD accessories, we are optimally equipped for conductive products.
- The principles of orderliness, safety and ergonomics are crucial for the development of these workplaces. They ensure the proper flow of materials and ease the burden on employees.



# Industry 4.0 - We offer innovative systems



#### **INDUSTRY 4.0**

Smart networking of machinery and processes.

### TSM®

Smart drawer cabinets with electronic inventory management, and with cutting-edge software based on Windows. Each drawer or door is electromechanically locked and is unlocked by the software after entering the item to be taken out. The software is designed for up to 99 modules.

### **WORKPLACE SYSTEMS**

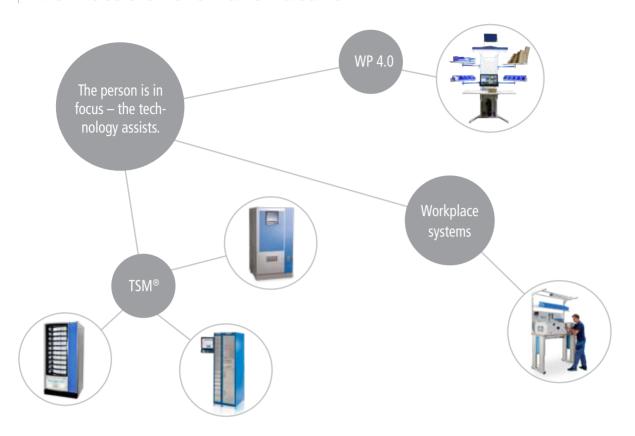
Every day, company's employees grapple with strenuous tasks and heavy physical labour. In order to maintain and improve competitiveness in the long term, your resources should be better utilized. We offer smart workplace systems for this purpose. For example, heavy-duty tables from the "powerline" series with a load capacity of 600 or 900kg. They can be adjusted individually to the user by means of electrical height adjustment.

### WP 4.0

"Workplace 4.0" - the innovative combination of an ergonomic packing and assembly station - supports the logistics staff, for example, by means of images on the work surface, and thus offers a reliable guidance. These technical advantages of augmented reality, combined with the critical benefits of instructing, checking and documenting in the field of logistics, put the cooperation partners in the foreground. Experience how ergonomic and innovative systems help employees to avoid stress, minimize errors and increase process quality.



### Workstations of the future





# Workplace 4.0





INDUSTRY 4.0 Smart networking of machinery and processes.

We adapted to digitally networked systems early on, and combined the high-quality cabinets, worktables and shelving systems "made in Germany" with building blocks of information and communication technology.

For example, Workplace 4.0, or WP 4.0 for short, was created in this way. Our "Workplace 4.0" focuses on cognitive ergonomics and can be integrated individually into existing processes in assembly and logistics. The backbone of the system is a smart database-supported image processing software that links the real production with virtual and digital components, and makes even complex processes easy to structure, manage and control. Processes can be monitored by means of an additional 3D camera with a projector, and software for gesture control. Errors in complex assembly and logistics processes are detected already at the start, and are reliably avoided thanks to the close cooperation between the employee and the computer system. This significantly eases the burden on employees.

- Rapid and reliable acquisition of parameters
- Constant adherence to quality specifications
- Reduced personnel expenses and fewer returns
- Provable and fully tested quality
- Simple documentation
- Management of complexity
- Learning time of a few minutes
- Flexible staff planning

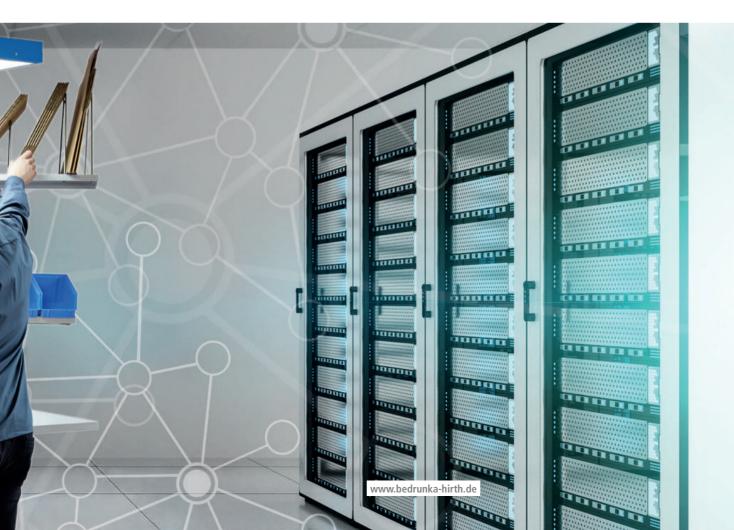


# Cognitive ergonomics - mastering complex tasks

The constantly growing number of variants and rising quality requirements are gradually increasing the mental stress on an employee to know and implement the respective work steps correctly. Easy to set up visual instructions let each employee know at all times which work step has to take place next and with which article. The visual check relieves the employee from the need to follow complex installation instructions. This helps to avoid, for example, installing an incorrect component in the wrong order.

With a height-adjustable worktop, we ensure good ergonomics. The combination of intelligent software and an ergonomic workplace increases staff efficiency. The assistance system is employed along the entire value chain: from incoming goods to assembly to outgoing goods. The possibilities range from mere identification to a fully equipped incoming goods inspection with supplier-related sampling selection. Depending on the customer's requirements, these modules are unified into a single system.





### TSM® - Tool Server Modular



INDUSTRY 4.0

Smart networking of machinery and processes.

### Your advantages:

- High user friendliness
- Guaranteed stock levels
- Customised subdivision, including with single covers
- Unlocked drawer and cover is displayed on the LCD display
- Reduction in personnel costs
- Can be used where access control is required
- Diverse variations
- System is operated autonomously with its own processor unit
- Individual access restrictions
- Maximum utilisation through the chaotic storage principle
- Part removal possible
- No unmanaged drawer stock levels
- Professional and sorted storage of materials and tools

#### Tool-Server-Modular (TSM®)

Complete control takes place via storage and administration software. The TSM® meets your requirements with a modular drawer concept. The modules can be combined with each other to suit your needs. The TSM® is compatible with the TSS®. Both systems complement each other with the unrivalled range of variants and combinations across the board. The software is identical and therefore allows retrofits and upgrades.



Software video



# ... the innovative, modular storage system for small parts

Automation in the area of tool management is constantly advancing. The Tool-Server-Modular lets you enjoy much leaner and more efficient tool management. The costs of providing, managing and using tools and small materials are significantly reduced by using our tool storage system. Increased competition in the manufacturing industry is leading to greater cost pressure and forcing companies to consider optimising their production processes. Only companies with professional resource logistics can ensure a smooth and therefore economic production process. Our fully automated tool dispensing system supports you on your way to professional tool management.

We meet your requirements with a modular drawer concept. Up to 100 modules can be combined with each other to suit your needs.

TSM® Product Manager



Tobias Heine tobias.heine@bedrunka-hirth.de Mobile: +49 172 / 86 88 113

#### Responsible for:

- On-site consulting and situation analysis
- Commissioning and on-site training
- Technical customer support and remote maintenance
- Offers



#### THE TSM® PRODUCT FAMILY

- Drawer cabinets (various designs)
- Spiral vending machine
- Rotating drum device



### HiPerCab<sup>®</sup>



INDUSTRY 4.0 Intelligent networking of machines and processes

# Adaptive cabinet system The new generation of drawer cabinets

Bräunlingen/Stuttgart, February 2019. – The new HiPerCab® (High Performance Cabinet) drawer cabinets presented by Bedrunka + Hirth at the Logimat trade fair in Stuttgart (February 19-21), are as user-friendly as they are unyielding against unauthorized persons. The intuitive touchscreen guides the user simply and unerringly to the right drawer, where the item they are looking for is safely stored. However, anyone who cannot identify themselves is denied access.

»The centerpiece of the new cabinet system is its software«,

explains Daniel Vogt, Head of Design and Development at Bedrunka + Hirth. Whether it's a multilingual user interface that allows language selection in German, English and French, or user identification by means of a PIN code and RFID chip - the company from the Black Forest equips its high-quality cabinet system with technology that offers real added value. The user database records who has been granted access and when, and allows to limit access in time. Furthermore the local administrator can manage user rights centrally, connect additional cabinets or remove them again.

The touchscreen is located on the top edge of the cabinet.

The electromechanically locked drawers can be accessed in three steps. First, the system opens the drawers to which the user has access by just a small gap. Tapping the desired drawer opens it further, while the other drawers remain in provision mode.

In the third step, the desired drawer can be pulled out fully (full pull-out 100%). All others remain locked, "for safety reasons," explains Vogt, as the load capacity of the individual drawers is up to 100 kg. After removal, the system ensures that the retracted drawer is slowed down, gently retracted, closed and returned to staging mode.

The HiPerCab® is available as Medium and Premium versions or as extension module, each in widths of 705 and 1.005 mm and heights of 1.019 and 1.219 mm. Bedrunka + Hirth offers the cabinet system with the same divider materials as the classic drawer cabinet. This also applies to other features of the cabinet system "made in Germany", such as the frame-reinforced, very stable housing, the welded sheet steel construction and the configurable front heights. As usual, the front of the cabinets can be individually colored, for example to match the user's corporate design.





#### **Technical details**

- Intuitive touch screen
- Multilingual user interface available in German, English and French
- User identification by PIN code and RFID chip
- Dual use of RFID frequencies at 13.56MHz and 125kHz
- Customer-specific RFID standard can be extended by updates
- Company-wide user database for all cabinet systems used
- Detailed event logging and evaluation options
- Identical divider materials as for the classic drawer cabinets



### Certificated with the following standards and directives

- Norm DIN 5054 | Steel drawer cabinets construction types, functional and safety requirements, testing, evaluation
- Low voltge directives 2014/35/EU
- EMV directives 2014/30/EU
- Radio Equipment Directives 2014/53/EU
- RoHS directives 2011/65/EU
- EN 55011:2016+A1:2017
- EN 61000-3-2:2014
- EN 61000-3-3:2013
- EN 61000-6-2:2005+AC:2005
- EN 61000-6-4:2007+A1:2011
- EN 300330:2017
- EN 50581:2012 (RoHS2)





Learn more about the innovative systems from Bedrunka+Hirth and let the unique quality from the Black Forest convince you!

# Showroom "Artwerkstatt"

### Experience the products live



Do you require training?
Do not hesitate to make an appointment with us!

### Training and seminars for specialist retailers and retail customers

As a customer of Bedrunka+Hirth, you can considerably increase your efficiency by knowing the options available to you. The training courses provide detailed specialist knowledge for retailers and users.

- Business organisation
- Sales seminar with catalogue training
- Technical product knowledge
- 3D planning

#### Our showrooms in Germany:

1 | South: 78199 Bräunlingen2 | Central: 42899 Remscheid

**3** North-East: 99869 Günthersleben-Wechmar

These showrooms showcase the variety of our products.





#### On the road with products and innovations

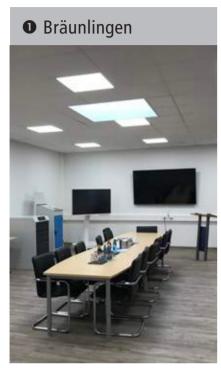
With a specially purchased and appropriately designed Crafter, we we set out from the Black Forest to present ourselves to selected retailers and business partners regionally and close to the customer.

The Crafter is equipped with a mix of innovative new developments and bestsellers, in order to showcase the whole range and combination variety of the B+H product portfolio. At the same time, the company's claim to intelligent workshop and operational organization, quality "Made in Germany" and consistent product design in line with the basic principle of "healthy working" is to be underlined. The aim is to create a real trade show experience with the roadshow.

#### Trainings for retails and customers

You as a customer of Bedrunka+Hirth can considerably increase your efficiency if you know the variety of products and their possible uses. The trainings provide detailed expertise for dealers and users.

- Operational organization
- Sales seminar with catalog training
- Technical product knowledge
- 3D planing



**Showroom "South" in Bräunlingen** Gießnaustraße 8 | 78199 Bräunlingen



**Showroom "Centre" in Remscheid** Barmer Str. 62A | 42899 Remscheid



**Showroom NORTH-EAST near Gotha** Am Oberried 4 | 99869 Günthersleben-Wechmar



### Production

### Production



#### **SERVICE**

We are always available in case of questions or technical issues.

We develop and produce by making use of state-of-the-art machinery. In addition to punching/nibbling robots, laser cutting systems and a fully automated bending centre, production is optimised by welding robots. A fully automated powder coating system brings colour to your workplace.

Bedrunka+Hirth is committed to protecting the environment. To ensure the thrifty use of resources such as raw materials, energy and water, we encourage and motivate all employees to use them with a sense of responsibility. Bedrunka+Hirth avoids harmful environmental risks, reduces waste and complies with all relevant environmental regulations. Moreover, all employees are involved in improving quality and environment-related aspects within the company. We offer our employees ongoing perspectives for the long term.

- Fully automated bending centre
- Hydraulic press brake with an automatic tool changer
- NC-controlled guillotine shears
- Punching and notching machines
- CNC-controlled bending machines
- CNC turret press
- Laser machine
- Welding robot
- Spot welding equipment
- Fully automated powder coating system with circular conveyor
- Assembly area

### Service hotline for industial equipment



#### After sales service

- On-site consulting and situation analysis
- Additional products
- Additional services
- Complaints management
- On-site installation and training



Are you in need of a consultation? Make an appointment today with our

You can find the contact persons on our homepage.

www.bedrunka-hirth.de/en/contact/contact-person



**\*** +49 (0)771/ 9201-0

We need your feedback to improve our services. Should you have any guestions about the products, or if you need help with the installation, feel free to contact us.



### Assembly



Gain insights into our production process

We can offer complete installation with delivery, setup and assembly on the spot. Many tables and top parts must be fitted on-site. This task would unnecessarily engage your employees. Our experienced assembly teams can solve minor problems such as uneven floors etc. on the spot.

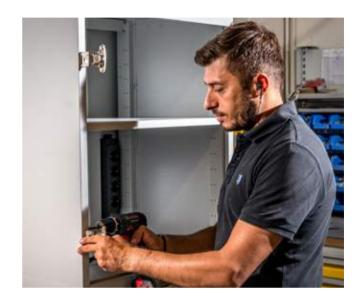
We offer installation and commissioning, including of electronics cabinets, and employee training.

### **ON-SITE ASSEMBLY**



We provide assembly staff, trained across the EU, for your complete installation:

- We will coordinate the date with you
- We will coordinate delivery with assembly



### Tested quality



#### CHECKS

We attach great importance to quality of our products.

We provide a 10-year quality guarantee. The guarantee covers material and production of our own products made by

"Bedrunka+Hirth", if operated correctly.

Merchandise, electronic components, software, workbench tops, custom-made items and wearing parts are not covered.











Association [TÜV] certificate.

Some of our products have been awarded the Technical Inspection

TÜV-Rheinland certificate: "GS" mark for tested safety

- High-quality steel sheets and steel pipes
- Long product service life
- Optimisation of your value creation
- Product development to state-of-the-art standards
- Safety tested by the TÜV



# On-site consulting and situation analysis

# Individual solutions



### **PLANNING**

Using workspaces with individual planning by Bedrunka+Hirth

### Individuality

Apart from the standard programme, we can also manufacture customer-specific installations at any time. Object plannings with proposals are provided with 3D drawings already in your corporate colours. Our field sales team and object consultants are available at all times for competent

#### Specialist retailer loyalty

All products are sold across Europe through specialist retailers only. If required, we will gladly provide you with the details of a specialist retailer near you.

#### Technical support

- 3D AutoCAD "Inventor"
- 3D planning drawing program: for sales with integrated database
- SketchUp8 Professional for exhibition planning, spatial planning, 3D library
- Simlab Soft 3D software done right
- pCon planner and pConBox



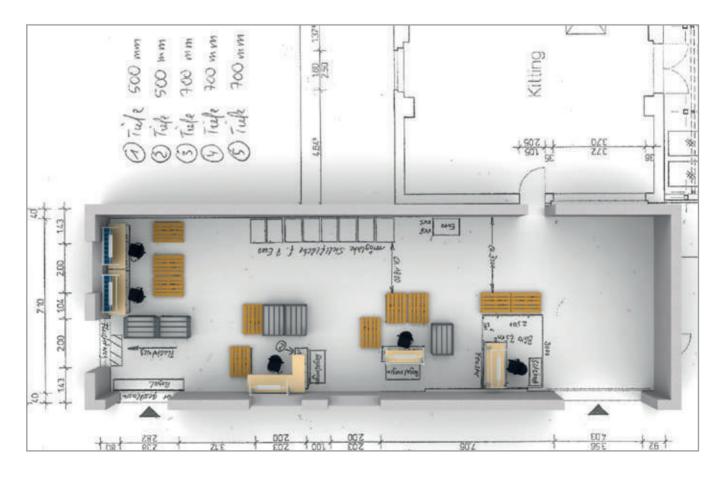
### Professional installations

The planning program we use is the ideal concept and design tool for fast, efficient, three-dimensional modelling and presentation.

Seamless data transfer in the DWG/DXF format is guaranteed by professional import/export interfaces. You can look at 3D data by downloading a viewer free of charge.

Free, flexible designs are mostly automatically produced to implement your requirements, layouts, size and colour choice with creativity and dynamism. By building up an extensive library, we are in a position to visualise your ideas and suggestions quickly and easily in 3D.

We offer a professional solution for which there is no alternative. Can you visualise what that could look like? Let us show you.



# On-site consulting and situation analysis

# Consulting and planning



#### **PLANNING**

Using workspaces with individual planning by Bedrunka+Hirth

#### We offer:

- Object consulting acc. to situation analysis
- Reduction to the essentials
- Implementation according to individual requirements
- Adaptation to spatial circumstances
- Time savings through fast implementation
- Realistic presentation of complex designs and design tasks
- Impressive presentations and slide shows
- A detailed 3D preview

### Precise visualisation of your equipment thanks to our planning programs

We have developed a library of all our products for the SketchUp drawing software. This planning program - along with the pCon drawing program - is the ideal design tool for fast, efficient, three-dimensional modelling and presentation.

Seamless data transfer in the DWG/DXF format is guaranteed by professional import/export interfaces. You can look at 3D data by downloading a viewer free of charge.



# pCon planning program



### pCon PLANNER - the 3D spatial planning program for experts.

- Plan creatively
- Boost your consulting skills
- Create convincing presentations
- Collaborate with architects
- Offer spatial planning as a service
- Seminars

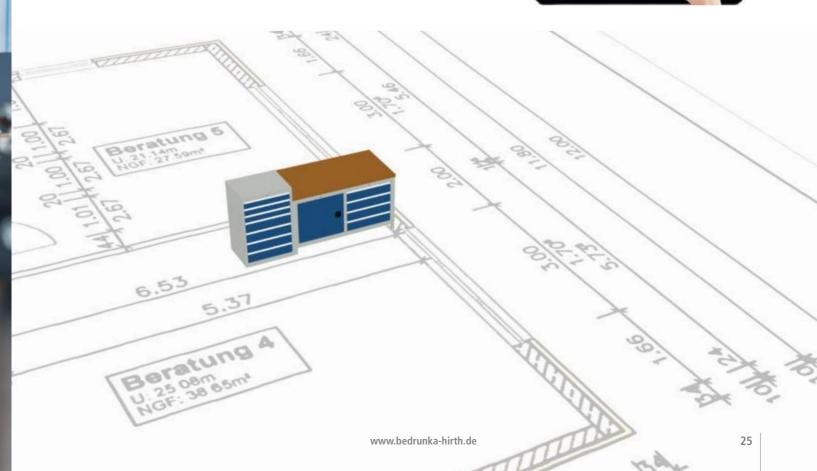


### pCon.box - functions

- Interactive product configuration in real time
- Detailed item lists
- Sharing CAD files, images, product and pricing information
- Project setup and management



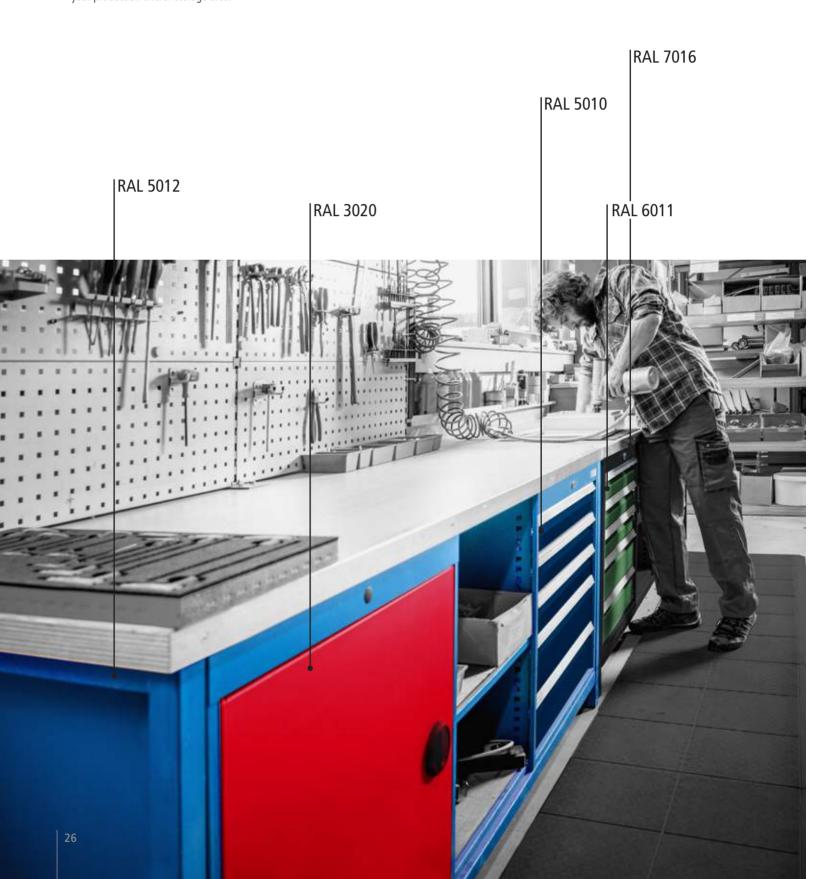




### Individual needs

# Implementation according to individual customer requirements

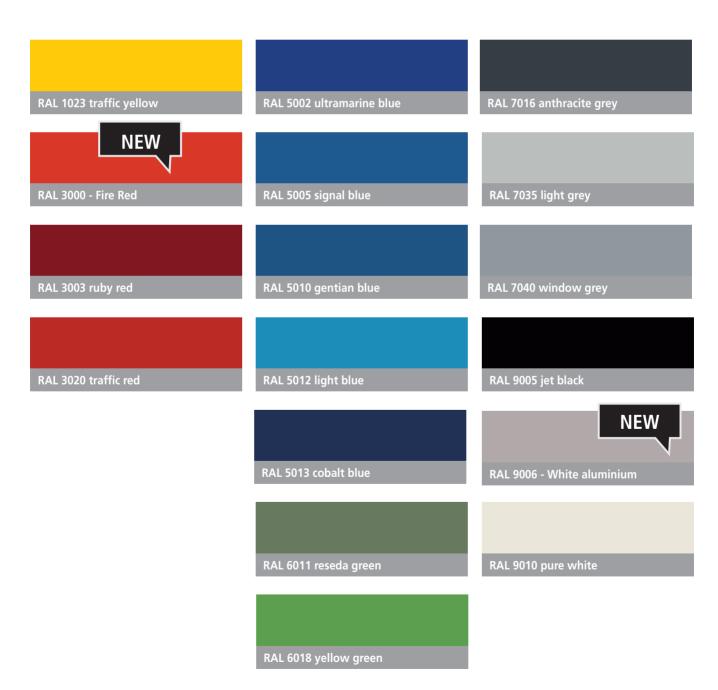
Your individual requirements in terms of work organization and ergonomics will be used as a benchmark. In addition to standard products in various widths and heights and with comprehensive accessories, we also manufacture a number of customer-related solutions - custom-made for your production and/or storage area.



### Our standard colours

All our products have an environmentally friendly powder coating.
Standard colours are only the textured and matt colours listed below. Other textures and finishes are available at extra cost.
Licensed colours of well-known brands are not available due to reasons of retrality.





### Individual needs

### Solutions for your equipment



Are you looking for the right equipment that is tailored to your needs? Contact us and learn more today!

Bedrunka+Hirth workplace systems provide ideal conditions for comfortable work and project-related solutions. Module installation is simple and easy thanks to plug-in and mounting devices.

The base modules of the workstation series can be combined with each other or expanded, can be adapted to the work requirements, and can be adjusted to ensure optimal use of space. Assembly lines, U- or cross-formations and linking between workstations can also be implemented. The different module widths, lengths and heights result in a unique variety and maximum flexibility in the design of one-sided or duplex workstations. The systems can be assembled individually in a modular system according to your requirements.

Height adjustment is done steplessly using clamp fixing, crank or motor, or in 38 mm steps, and is therefore ideally suited for standing and sitting activities.

Furthermore, these unique Bedrunka+Hirth products feature a wide range of accessories, and are compatible with many of our multi-board accessories. These products ensure the perfect assembly of the workplace, including excellent illumination of the work surface, in every location. Direct supply of energy and compressed air allows versatile use of the workstation.

B+H workplace systems workraster, workline, workergo, workalu, powerline:

- Capacity with evenly distributed load up to 900 kg
- The modules are available in widths of 750 2000 mm
- Depth 550 1460 mm
- Height 700 2070 mm



# Customized branding

### Film inscription

We will gladly produce an adhesive film with your company logo or slogan. The slogan will be applied at Bedrunka+Hirth. The film is very durable and a good alternative to screen printing.

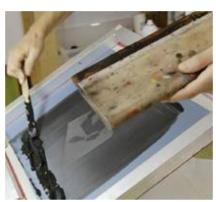
### Screen printing

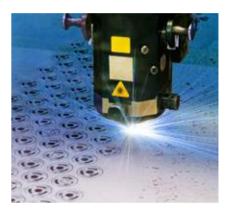
Do you require a particularly elegant logo for your new product? In this case, screen printing is the right option. We can produce multi-colour prints with up to 5 colors in one operation.

### Laser cutting

Due to its longevity, laser marking has proved its worth for labelling metals. With our CNC-controlled laser systems, we can cut metal sheets to almost every shape.









# Overview of pictograms

### General information

### **Technical specifications**



#### **FULL PULL-OUT**

SINGLE PULL-OUT

Pull-out 100%, different load capacities with evenly distributed load.

Pull-out 88%, load capacity with

evenly distributed load 35 kg



#### LOAD-BEARING CAPACITY

Total load capacity with evenly distributed load

### Designs



### **ELECTRONIC LOCKS**

PIN code



### **ELECTRONIC LOCKS**

Card

**CNC** tool inserts



We provide a 10-year quality guarantee. The guarantee covers material and production of our own products made by "Bedrunka+Hirth", if operated correctly. Merchandise, electronic components, software, workbench tops, custom-made items and wearing parts are not covered.



#### **INFORMATION**

Important information and recommendations



### **INDUSTRY 4.0**

Smart networking of machinery and processes.



#### **ADVICE**

Do you require consultation? Contact us and learn more today!



### **TOOL INSERT SIZE 1**

Tool insert 49 x 103 x 17 mm



#### **TOOL INSERT SIZE 2**

Tool insert 74 x 103 x 17 mm



### **TOOL INSERT SIZE 3**

Tool insert 99 x 103 x 17 mm



### Workplace systems







powerline - the strongest ones



WORKERGO C-foot frame in general



WORKLINE Clamp fixing



POWERLINE 4 4-foot frame, 900 kg load capacity





**WORKLINE** Crank adjustment

workraster - the structured one



POWERLINE C C-foot frame, 600 kg load capacity



WORKERGO C-foot frame, crank adjustment



**WORKLINE** Electric height adjustment



WORKERGO C-foot frame, electric, 1 motor, load capacity 180 kg



WORKERGO C-foot frame, electric, 2 motors, load capacity 300 kg



WORKERGO 4-foot frame in general



WORKERGO 4-foot frame, Clamp fixing



WORKERGO 4-foot frame, Crank adjustment



WORKERGO 4-foot frame, electric, 1 motor, load capacity 180 kg



WORKERGO 4-foot frame, electric, 2 motors, load capacity 300 kg



WORKRASTER One-sided module, depth 800 mm



WORKRASTER Two-sided module, depth 1460 mm



WORKRASTER One-sided module, short, depth 550 mm



WORKRASTER Double-sided module, short, depth 960 mm



hydline



**HYDLINE 1** H-foot frame, crank adjustment Load capacity 350 kg



HYDLINE 2 H-foot frame, electric Load capacity 600 kg



**HYDLINE C** Frame design: H-foot frame





WORKALU General **ESD** workplaces



**ESD VERSION**All workstations and accessories approved for ESD

### **Ergonomics - your benefits**



#### **ERGONOMICS**

Efficiency through occupational safety during the activity to be carried out



### **COMPRESSED AIR**

Supply of compressed air for general consumption



#### **PLANNING**

Advice and planning checklists ensure an optimal outcome of your project



### OPTIMISATION OF THE SPACE WITHIN REACH

Optimal range of movement with short receptacle paths and an unrestricted assembly area



#### LINKAG

Optimization of the production flow by means of connecting workstations



#### LIGHTING

Guarantees optimal illumination and improves field of vision



#### **ENERGY**

Direct energy supply at the workstation



#### MOBILE

Fast, flexible work process thanks to maximum mobility



#### F2D

Avoiding defects and malfunctions by protecting electrostatically sensitive components

# Workplace systems

# Advantages of ergonomic workplace design



#### **ERGONOMICS**

Efficency through protection and safety in the work to be performed

Workspaces are living spaces - this is where people spend a large part of their day. The modular workstation systems from Bedrunka+Hirth offer ideal conditions for pleasant and efficient work - designed according to ergonomic principles, with regard to people and technology.

When designing workstations, we take into account the latest ergonomic findings to ensure safe and smooth workflows and to optimize employees' daily work environment.

The aim is to create suitable conditions for human work and the use of technical equipment and tools, i.e. to perform work efficiently and without errors and to protect employees from damage to their health. The focus is on occupational safety, health and safety at work, but also on humanity and economic efficiency.

Ergonomics represent the link between people and technology. In the process of designing ergonomic workplaces, the physical performance of the employee must be matched to the performed task (production ergonomics). The movements sequences, physical exortion and environmental influences depend on this.



#### YOUR ADVANTAGES

- Increased quality by simplifying work processes through optimal ergonomics
- Error prevention
- 20 % increase in output due to efficient work
- Increase in performance and reduction of lead time
- Healthier work and lower costs in the long term due to less health-related absenteeism



### The individual workplace





### THE OPTIMAL WORKPLACE Recommendations and assistance

One can speak of health-promoting working conditions if it is possible to organize the majority of the daily working time in a regular alternation of working while sitting, standing and walking. A balanced load should include about 60% sitting, about 30% standing and about 10% walking.

- Avoid continuous standing / standing aids
- Change of task: standing and sitting work
- Mixed work / group work
- Active breaks
- Design of the workplace
- Flooring
- Suitable footwear
- Health conscious behavior



### ADVANTAGES OF CHECKLISTS

For workplace optimization we as company have created checklists for our own employees as well as for you as retailers and business partners in order to offer matching solutions. Lack of movement, low-quality workplaces and wrong sitting positions can lead to pathological changes of the musculoskeletal system. Therefore the postures and movements should be adapted to the height of the worker. As there is usually not only one employee, but several employees working at one workplace due to different working time systems (such as night shift, part-time, etc.), ergonomics has a high priority.

- Constant repetition of the design standard
- Safe and fast tool for the designer
- No question is forgotten during execution and planning
- The work task, e.g. "valve assembly", is specified by the planner in the form of a work plan



Order our ergonomics brochure or contact our object consultant directly. All brochures and contact details can also be found at:

www.bedrunka-hirth.de

# Workplace systemfeatures

### workraster - the structured one

The **workraster** is the "entry-level model" among our ergonomic workplace systems. Thanks to a structured grid arrangement of 38 mm, the worktable can be individually set to your required height and is therefore suitable for both sitting and standing activities. With a load capacity of 300 kg with an even load, it is ideal for the assembly of small to medium-sized parts.

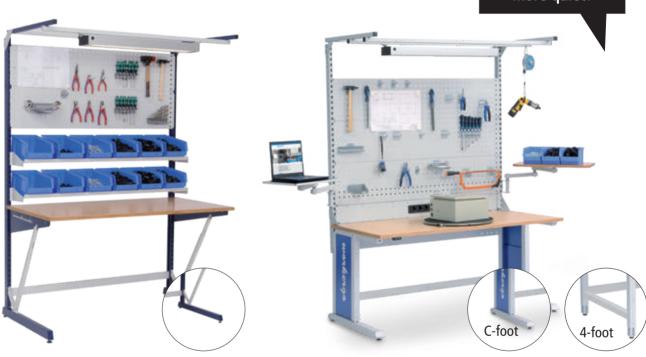
### workergo - the versatile one

The **workergo** is the most versatile workplace system. Six different frame widths, three different frame depths and four different types of height adjustment make the workergo C-foot and 4-foot a versatile worktable.





New Now faster and more quiet!



Our features at a glance	
Modular system	Base modules are connected to each other by means of cross-members - add-on modules are not required
Can be retrofitted	Extension of existing workstations, inline and corner combinations possible
Frame widths	1000, 1500 mm
Frame depths	500, 800, 960, 1460 mm
Frame heights	1348, 2070 mm
Work height without worktop	715 – 1057 mm with reinforcement rod   Recommended: 829 mm
Height adjustment	Height grid arrangement of 38 mm
Frame design	L-foot
Load capacity	300 kg with even load

Our features at a glance	
Modular system	Freely selectable combinations from frame to worktop
Can be retrofitted	Multi-board setup and optional accessories
Frame widths	750, 1000, 1250, 1500, 1750, 2000 mm
Frame depths	600, 750, 900 mm
Travel speed	12 mm/s
Work height without worktop	670-1015 mm   Travel: 345 mm
Height adjustment	Four different types: Clamp fixing, crank adjustment, electric height adjustment with 1 motor, electric height adjustment with 2 motors
Frame design	C-foot and 4-foot
Load capacity	180-300 kg with uniform load depending on height adjustment

You can find further information on workraster on page 316

You can find further information on workergo on page 334

### workline - the highest one

The **workline** worktable achieves a working height of 1100 mm thanks to its continuous height adjustment and is therefore also an optimal standing workplace. At the same time, its simple and functional design ensures an ergonomic seated workplace.



### powerline - the strongest ones

Thanks to its electric height adjustment, the **powerline** quietly moves to the required working height in a range of 705-1155 mm with a vertical travel speed of 9 mm/s without load. Thus, the powerline creates a flexible seated/standing workplace without long waiting times. At the same time, the quiet worktable has an extremely high load capacity.







Our features at a glance	
Modular system	Individual workstations can be quickly expanded to group workstations
Can be retrofitted	Wide range of accessories: Flexible design and conversion of the workplace
Frame widths	1000, 1500 mm
Frame depths	750 mm
Travel speed	6.25 mm/s
Work height without worktop	735-1100 mm   Travel: 365 mm
Height adjustment	Three different types:Clamp fixing, crank adjustment, electric height adjustment
Frame design	A-foot
Load capacity	180-200 kg with uniform load depending on height adjustment

Features at a glance	
Can be retrofitted	Multi-board setup or stand and optional accessories such as foot switch
Frame widths	1250, 1500, 2000 mm
Frame depth	750, 900 mm
Travel speed	9 mm/s without load
Work height without worktop	705-1155 mm   Travel: 450 mm
Height adjustment	Electric height adjustment
Frame design	C-foot and 4-foot
Load capacity	600-900 kg with uniform load depending on frame design

You can find further information on workline on page 356

You can find further heavy load tables on page 380

# Grid subdivision

	workline	maxmobile 1	maxmobile 2	T500	T500
	Housing W x D				
	365 x 400	630 x 390	630 x 490	380 x 500	530 x 500
Housing height	Usable heights				
208	-	-	-	_	-
215	_	_	_	150	_
358	_	_	_	_	_
365	_	_	_	300*	300*
465	_	_	_	400*	400*
469	_	_	_	_	350
500	400	_	_	_	_
519	_	_	-	_	400
619	_	_	_	_	500
719	_	600	600	_	600
819	_	_	_	_	700
919	_	_	_	_	800
1019	_	_	_	_	900
1119					1000
1219	_	_	_	_	1100
1319	_	_	_	_	1200
1419	_	_	_	_	1300
1519	_	_	_	_	1400
10.15	×.	×.	×.	×.	×
	Drawer W x D				
	300 x 350	600 x 300	600 x 400	300 x 400	450 x 400
Front height	Load capacity				
50	-	35 kg	35 kg	_	-
75	-	35 kg	35 kg	50 kg	50 kg
100	20 kg	35 kg	35 kg	50 / 75 kg	50 / 75 kg
125	-	-	-	_	-
150	-	35 kg	35 kg	50 / 75 kg	50 / 75 kg
175	-	-	-	-	-
200	20 kg	35 kg	35 kg	50 / 75 kg	50 / 75 kg
250	-	-	-	50 / 75 kg	50 / 75 kg
300	-	-	-	50 / 75 kg	50 / 75 kg
400	20 kg	_	_	_	_
	×	× ·	$\sim$	×.	×.
	Series	Series	Series	Series	Serie
	workline	maxmobile 1	maxmobile 2	T500	T500
	T370 12-14	T390 24-12	T490 24-16	T500 12-16	T500 18-16
Grid:	R 12-14	R 24-12	R 24-16	R 12-16	R 18-16 All dimensions in mm

### bedrunka+hirth

	ctic	

Serie	Serie	Serie	Serie	Serie	Serie
T500	T500	T736	T736	T736	T736

#### New heights













	Housing B x T					
	680 x 500	980 x 500	555 x 736	705 x 736	1005 x 736	1305 x 736
Housing height	Usable heights					
208	-	-	150*	-	-	-
215	-	-	150*	-	-	-
358	-	-	300*	300	-	-
365	-	-	300*	-	-	-
465	_	-	400*	-	-	_
469	-	-	-	-	-	-
500	-	-	-	-	-	-
519	400	-	400	400	400	-
619	500	500	500	500	500	-
719	600	600	600	600	600	-
819	700	700	700	700	700	700
919	800	800	800	800	800	800
1019	900	900	900	900	900	900
1219	1000	1000	1000	1000	1000	1000
1119	1100	1100	1100	1100	1100	1100
1319	1200	1200	1200	1200	1200	1200
1419	1300	1300	1300	1300	1300	1300
1519	1400	1400	1400	1400	1400	1400
	$\vee$	$\vee$	$\vee$	$\vee$	$\forall$	$\vee$











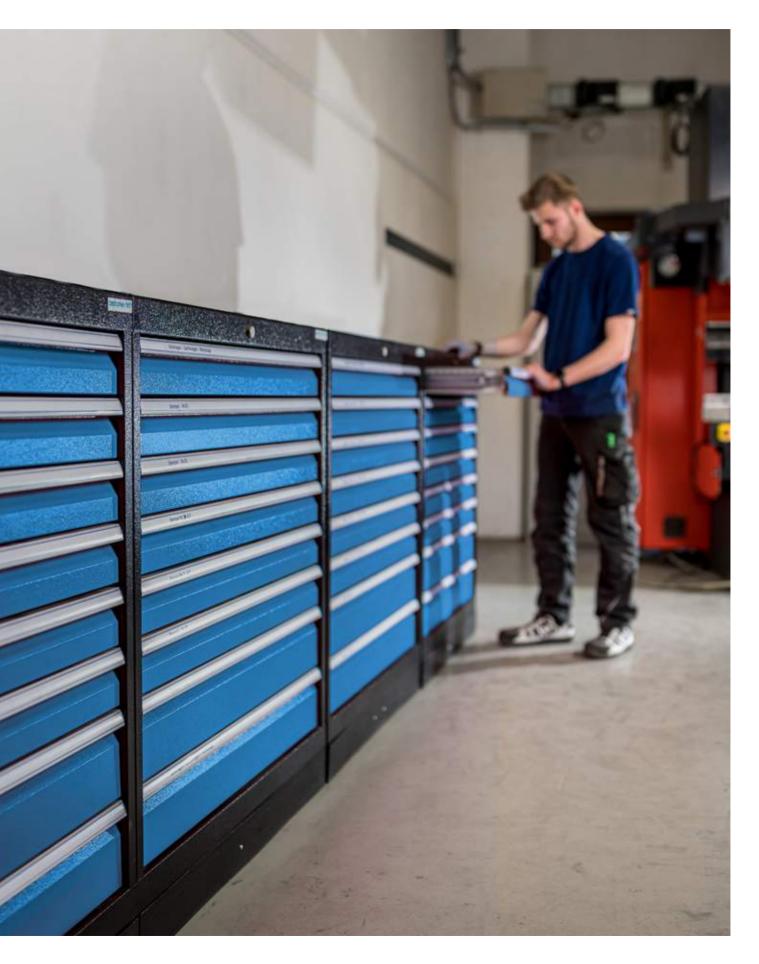


	Drawer W x D	Drawer W x D	Drawer W x D	Drawer W x D	Drawer W x D	Drawer W x D
	600 x 400	900 x 400	450 x 600	600 x 600	900 x 600	1200 x 600
Front height	Load capacity	Load capacity	Load capacity	Load capacity	Load capacity	Load capacity
50	_	-	70 kg	70 kg	70 kg	-
75	50 kg	50 kg	100 kg	100 kg	100 kg	100 kg
100	50 / 75 kg	50 / 75 kg	100 / 180 kg	100 / 180 kg	100 / 180 kg	180 kg
125	-	-	100 / 180 kg	100 / 180 kg	100 / 180 kg	180 kg
150	50 / 75 kg	50 / 75 kg	100 / 180 kg	100 / 180 kg	100 / 180 kg	180 kg
175	_	-	100 / 180 kg	100 / 180 kg	100 / 180 kg	180 kg
200	50 / 75 kg	50 / 75 kg	100 / 180 / 300 kg	100 / 180 / 300 kg	100 / 180 / 300 kg	180 kg
250	50 / 75 kg	50 / 75 kg	100 / 180 / 300 kg	100 / 180 / 300 kg	100 / 180 / 300 kg	180 kg
300	50 / 75 kg	50 / 75 kg	100 / 180 / 300 kg	100 / 180 / 300 kg	100 / 180 / 300 kg	-
400	-	-	100 / 180 kg	100 / 180 kg	100 / 180 kg	-
	~	$\Rightarrow$	$\Rightarrow$	*	~	$\Rightarrow$

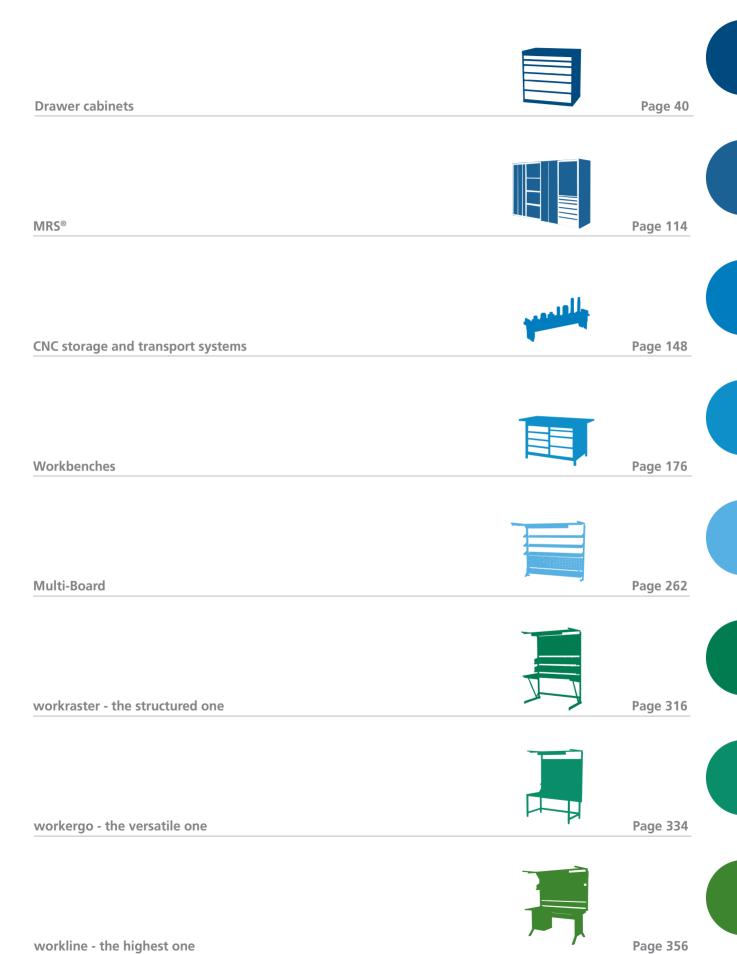
Serie	Serie	Serie	Serie	Serie	Serie
T500	T500	T736	T736	T736	T736
T500 24-16	T500 36-16	T736 18-24	T736 24-24	T736 36-24	T736 48-24
R 24-16	R 36-16	R 18-24	R 24-24	R 36-24	R 48-24

Grid:

## Contents



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### bedrunka+hirth

**Drawer cabinets** 







T500 series | Drawer cabinets and divider materials

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T500 series | Individual equipment

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T736 series | Drawer cabinets and divider materials

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T736 series | Individual equipment

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Accessories and spare parts for all series

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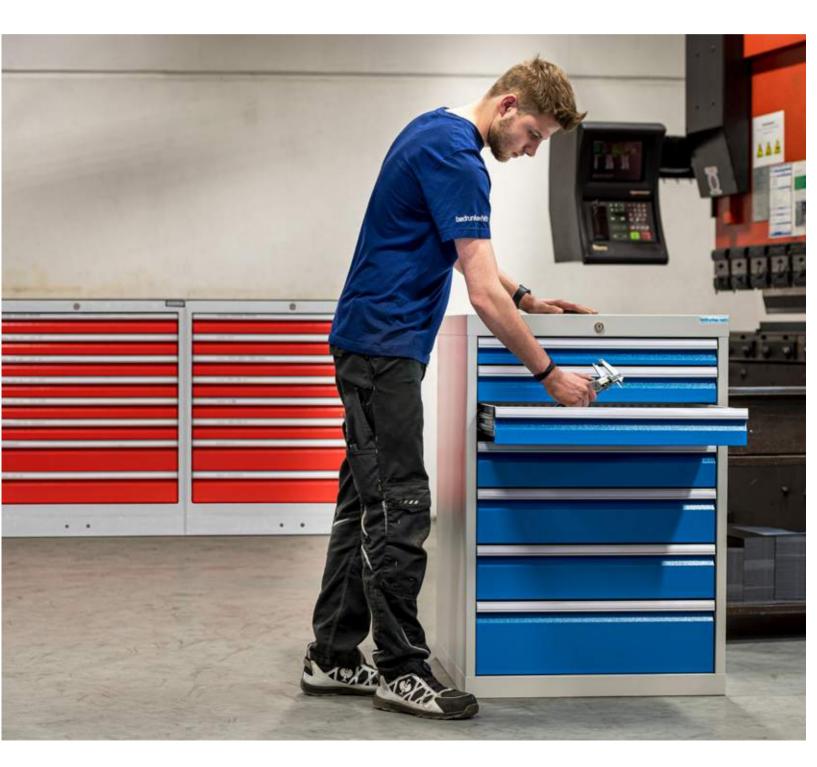


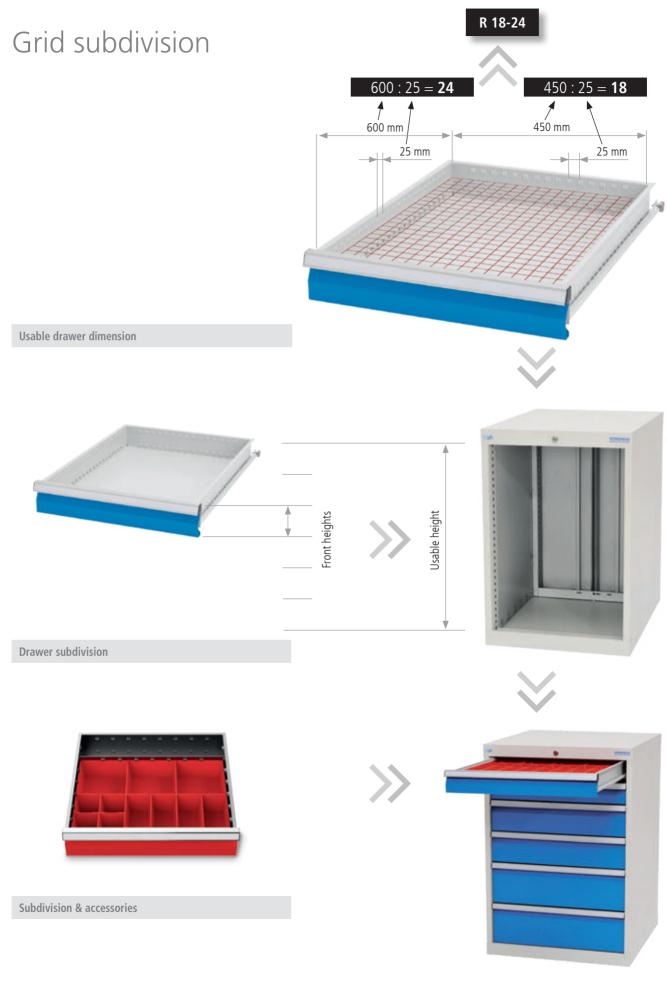
Locking systems Page 110

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### All series offer:

- Secure central locking with "B+H locking system", theft-proof, combination locking systems possible
- Pull-out 100 % with various drawer load capacities of 50 300 kg
- Increased security against tipping over through single drawer pull-out, only one drawer can be opened at a time
- Very stable housing with reinforced frame
- Powder coating in 15 standard colours in eco-friendly painting procedure, two-colour paint of standard colours without surcharge
- Production exclusively in Germany





#### Space-saving - safe - variable

### T500



#### Features

#### 3 widths:

**R 18-16:** width 530 mm

**R 24-16:** width 680 mm

**R 36-16:** width 980 mm

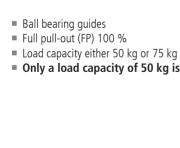
#### Housing depth 500 mm

Internal drawer depth generally 400 mm

### New heights

#### Different heights:

- **R 18-16:** height: 469, 519, 619, 719, 819, 919, 1019, 1119, 1219, 1319, 1419 und 1519 mm
- **R 24-16:** height 519, 619, 719, 819, 919, 1019, 1119, 1219, 1319, 1419 und 1519 mm
- **R 36-16:** height 619, 719, 819, 919, 1019, 1119, 1219, 1319, 1419 und 1519 mm
- Integrated aluminium handle bars flush with housing
- Galvanised drawers with slotted side walls on a 50 mm grid for dividers – fast, comprehensive, rational subdivision is guaranteed
- Drawers with front heights: 75, 100, 150, 200, 250 and 300 mm
- Cylinder lock with 180° closure
- Cabinet housing, maximum load of up to 1.2 t







### bedrunka+hirth

#### Drawer cahinets

### New heights

Grid:









R 24-16



	Housing W x D			
	380 x 500	530 x 500	680 x 500	980 x 500
Housing height	Usable heights	Usable heights	Usable heights	Usable heights
215	150	-	-	-
365	300	-	-	-
465	400	-	-	-
469	-	350	-	-
519	-	400	400	-
619	-	500	500	500
719	-	600	600	600
819	-	700	700	700
919	-	800	800	800
1019	-	900	900	900
1219	-	1000	1000	1000
1119		1100	1100	1100
1319	-	1200	1200	1200
1419		1300	1300	1300
1519	-	1400	1400	1400
	$\forall$	$\forall$	$\forall$	$\forall$

		Drawer W x D			
		300 x 400	450 x 400	600 x 400	900 x 400
Front height	Shell height	Load capacity	Load capacity	Load capacity	Load capacity
50	_	-	-	-	-
75	59	50 kg	50 kg	50 kg	50 kg
100	85	50 / 75 kg			
125	-	-	-	-	-
150	135	50 / 75 kg			
175	-	-	-	-	-
200	185	50 / 75 kg			
250	185	50 / 75 kg			
300	185	50 / 75 kg			
400	-	-	-	-	-
		$\Rightarrow$	$\Rightarrow$	$\Rightarrow$	$\Rightarrow$
		Series	Series	Series	Series
		T500	T500	T500	T500
		T500 12-16	T500 18-16	T500 24-16	T500 36-16

R 18-16

All dimensions in mm

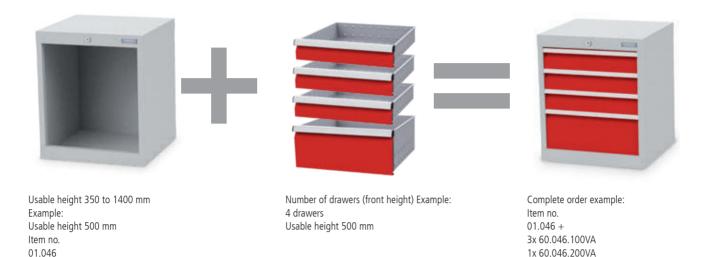
R 36-16

R 12-16

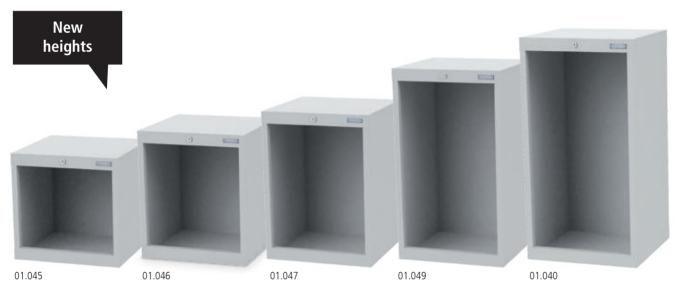
R 12-14 R 24-12 R 12-16 R 18-16 R 24-16 R 36-16 R 18-24 R 24-24 R 36-24 R 48-24



From a height of 1119 mm a floor Floor mounting required



#### Housing including locking system, cylinder lock and two keys



#### Total height = usable height + 119 mm

Item no.	Dimensions in mm (WxDxH)	Usable height in mm
01.044	530 x 500 x 469	350
01.045	530 x 500 x 519	400
01.046	530 x 500 x 619	500
01.047	530 x 500 x 719	600
01.048	530 x 500 x 819	700
01.049	530 x 500 x 919	800
01.040	530 x 500 x 1019	900
01.0411	530 x 500 x 1119	1000
01.0412	530 x 500 x 1219	1100
01.0413	530 x 500 x 1319	1200
01.0414	530 x 500 x 1419	1300
01.0415	530 x 500 x 1519	1400

R 18-16 Drawer cabinets





Please visit our drawer cabinet configurator www.bedrunka-hirth.de



#### Drawers incl. rails



- Usable drawer dimension: 450 x 400 mm (WxD)
- Drawers with full pull-out 100%

Item no.	Front height in mm	Shell height in mm	Usable height in mm	Load capacity
60.046.075VA	75	59	60	50 kg
60.046.100VA	100	85	90	50 kg
60.046.150VA	150	135	140	50 kg
60.046.200VA	200	185	190	50 kg
60.046.250VA	250	185	240	50 kg
60.046.300VA	300	185	290	50 kg
60.046.100VA-75	100	85	90	75 kg
60.046.150VA-75	150	135	140	75 kg
60.046.200VA-75	200	185	190	75 kg
60.046.250VA-75	250	185	240	75 kg
60.046.300VA-75	300	185	290	75 kg

### Possible variants as examples

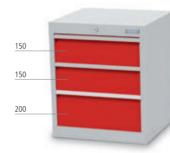
Front height/usable height	350	400	500	500	700	700	700	800	900	900	900	900
75	2x	_	2x	_	_	2x	_	_	4x	2x	_	-
100	2x	4x	-	2x	2x	1x	2x	4x	-	2x	1x	-
150	_	-	1x	2x	_	-	2x	_	2x	2x	2x	2x
200	_	-	1x	-	1x	2x	1x	2x	-	-	1x	-
250	_	-	-	-	-	1x	-	-	-	1x	-	-
300	-	-	-	-	1x	-	-	-	1x	-	1x	2x

#### 530 x 500 x 619 mm (W x D x H)

- Welded sheet steel construction
- Housing: powder-coated
- Drawers: galvanised
- Central locking
- Drawers with full pull-out 100%
- Load capacity of drawers either 50 kg or 75 kg
- Drawers with front height 75 mm only with load capacity 50 kg possible
- Drawer guides on ball-bearings
- Individual pull-out lock
- Individual locking per drawer possible
- Handle bars with insertable labelling strip
- Drawer front height: 75, 100, 150, 200, 250, 300 mm
- Usable drawer dimension: 450 x 400 mm
- Individual arrangements see page 46/47









■ 3x drawer

Item no.	Load capacity			
46.102	50 kg			
46.102-75	75 kg			

■ 3x drawer

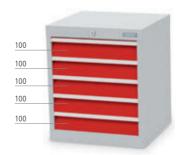
Item no.	Load capacity
46.021	50 kg
46.021-75	75 kg

4x drawer

Item no.	Load capacity
46.220	50 kg
46.220-75	75 ka







■ 4x drawer

Item no.	Load capacity
46.301	50 kg
46.301-75	75 kg

■ 5x drawer

Item no.	Load capacity
46.2210	50 kg
46.2210-75	75 kg

■ 5x drawer

Item no.	Load capacity
46.500	50 kg
46.500-75	75 kg

R 18-16 Drawer cabinets

#### **530 x 500 x 819 mm** (W x D x H)

- Welded sheet steel construction
- Housing: powder-coated
- Drawers: galvanised
- Central locking
- Drawers with full pull-out 100%
- Load capacity of drawers either 50 kg or 75 kg
- Drawers with front height 75 mm only with load capacity 50 kg possible
- Drawer guides on ball-bearings
- Individual pull-out lock
- Individual locking per drawer possible
- Handle bars with insertable labelling strip
- Drawer front height: 75, 100, 150, 200, 250, 300 mm
- Usable drawer dimension: 450 x 400 mm
- Individual arrangements see page 46/47



Equip your drawer cabinet with an E-lock. More information can be found on page 110







#### ■ 4x drawer

Item no.	Load capacity
48.022	50 kg
48 022-75	75 ka

■ 5x drawer

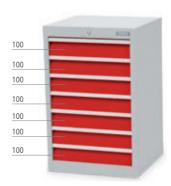
Item no.	Load capacity
48.21101	50 kg
48.21101-75	75 kg

■ 5x drawer

Item no.	Load capacity
48.140	50 kg
48.140-75	75 kg







#### 6x drawer

Item no.	Load capacity
48.501	50 kg
48.501-75	75 kg

6x drawer

Item no.	Load capacity
48.420	50 kg
48.420-75	75 kg

■ 7x drawer

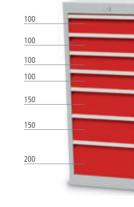
Item no.	Load capacity
48.700	50 kg
48.700-75	75 kg

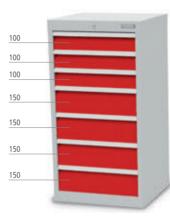
#### **530 x 500 x 1019 mm** (W x D x H)

- Welded sheet steel construction
- Housing: powder-coated
- Drawers: galvanised
- Central locking
- Drawers with full pull-out 100%
- Load capacity of drawers either 50 kg or 75 kg
- Drawers with front height 75 mm only with load capacity 50 kg possible
- Drawer guides on ball-bearings
- Individual pull-out lock
- Individual locking per drawer possible
- Handle bars with insertable labelling strip
- Drawer front height: 75, 100, 150, 200, 250, 300 mm
- Usable drawer dimension: 450 x 400 mm
- Individual arrangements see page 46/47









■ 6x drawer

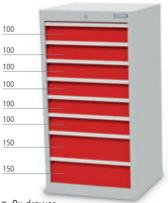
Item no.	Load capacity
40.303	50 kg
40 303-75	75 kg

■ 7x drawer

Item no.	Load capacity
40.421	50 kg
40 421 <del>-</del> 75	75 ka

■ 7x drawer

Item no.	Load capacity
40.340	50 kg
40.340-75	75 ka





Item no.	Load capacity
40.620	50 kg
40.620-75	75 kg



Item no.	Load capacity
40.701	50 kg
40.701-75	75 kg



■ 9x drawer

Item no.	Load capacity
40.44010	50 kg
40.44010-75	75 kg

R 18-16 **Drawer cabinets** 

#### Drawer inserts | ABS



#### Small parts boxes | 12 parts

- 3x SPB 150 x 150 mm
- 4x SPB 75 x 150 mm
- 4x SPB 75 x 75 mm
- 1x CCR 450 mm

Item no.	Front height in mm
146-132-075	75
146-132	100



#### Trough plates | 29 parts

- 4x TP with 4 troughs
- 2x TP with 3 troughs
- 16x SDIV for 4 troughs
- 6x SDIV for 3 troughs
- 1x CCR 450 mm

Item no.	Front height in mm
146-130-075	75
146-130	100



#### Ribbed rubber insert | oil-proof

- 450 x 400 mm
- Smooth closing of the drawer also in connection with metal drawer subdivision
- Applies to all front heights

Item no.		
65.046.530		

#### Metal divider | galvanised sheet steel



#### Metal divider | 8 parts

- 2x CCR 400 mm
- 6x DIV 150 mm

Item no.	Front height in mm
146-139-75	75
146-139-100	100
146-139-150	150
146-139-200	200/250/300



#### Metal divider | 2 parts

■ 2x CCR 400 mm

Item no.	Front height in mm
146-140-75	75
146-140-100	100
146-140-150	150
146-140-200	200/250/300



#### Metal divider | 5 parts

- 1x CCR 400 mm
- 2x DIV 200 mm
- 2x DIV 250 mm

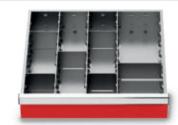
Item no.	Front height in mm
146-135-75	75
146-135-100	100
146-135-150	150
146-135-200	200/250/300



#### Metal divider | 5 parts

- 1x CCR 400 mm
- 2x DIV 300 mm
- 2x DIV 150 mm

Item no.	Front height in mm
146-141-75	75
146-141-100	100
146-141-150	150
146-141-200	200/250/300



#### Metal divider | 9 parts

- 3x CCR 400 mm
- 5x DIV 100 mm
- 1x DIV 150 mm

Item no.	Front height in mm
146-137-75	75
146-137-100	100
146-137-150	150
146-137-200	200/250/300



#### Metal divider | 15 parts

- 3x CCR 400 mm
- 9x DIV 100 mm
- 3x DIV 150 mm

Item no.	Front height in mm
146-142-75	75
146-142-100	100
146-142-150	150
146-142-200	200/250/300

CCR = Centre compartment rails, DIV = Divider, SPB = Small Parts Box, TP = Trough Plate, SDIV = Slot-in divider

Grid: R 12-14 R 24-12 R 12-16 R 18-16 R 24-16 R 36-16 R 18-24 R 24-24 R 36-24 R 48-24

### From a height of 1319 mm a floor Floor mounting required



#### Housing including locking system, cylinder lock and two keys



#### Total height = usable height + 119 mm

Item no.	Dimensions in mm (WxDxH)	Usable height in mm
01.065	680 x 500 x 519	400
01.066	680 x 500 x 619	500
01.067	680 x 500 x 719	600
01.068	680 x 500 x 819	700
01.069	680 x 500 x 919	800
01.060	680 x 500 x 1019	900
01.0611	680 x 500 x 1119	1000
01.0612	680 x 500 x 1219	1100
01.0613	680 x 500 x 1319	1200
01.0614	680 x 500 x 1419	1300
01.0615	680 x 500 x 1519	1400

R 24-16 Drawer cabinets





Please visit our drawer cabinet configurator www.bedrunka-hirth.de



#### Drawers incl. rails



- Usable drawer dimension: 600 x 400 mm (WxD)
- Drawers with full pull-out 100%

Item no.	Front height in mm	Shell height in mm	Usable height in mm	Load capacity
60.068.075VA	75	59	60	50 kg
60.068.100VA	100	85	90	50 kg
60.068.150VA	150	135	140	50 kg
60.068.200VA	200	185	190	50 kg
60.068.250VA	250	185	240	50 kg
60.068.300VA	300	185	290	50 kg
60.068.100VA-75	100	85	90	75 kg
60.068.150VA-75	150	135	140	75 kg
60.068.200VA-75	200	185	190	75 kg
60.068.250VA-75	250	185	240	75 kg
60.068.300VA-75	300	185	290	75 kg

#### Possible variants as examples

Front height/usable height	400	500	500	600	700	700	800	900	900	900	1200
75	-	2x	_	_	2x	-	-	4x	2x	-	_
100	4x	_	2x	3x	1x	2x	4x	_	2x	1x	3x
150	_	1x	2x	_	-	2x	-	2x	2x	2x	2x
200	_	1x	_	_	2x	1x	2x	_	_	1x	3x
250	_	-	-	_	1x	-	-	_	1x	-	_
300	_	-	_	1x	-	-	-	1x	_	1x	_

#### 680 x 500 x 819 mm (W x D x H)

- Welded sheet steel construction
- Housing: powder-coated
- Drawers: galvanised
- Central locking
- Drawers with full pull-out 100%
- Load capacity of drawers either 50 kg or 75 kg
- Drawers with front height 75 mm only with load capacity 50 kg possible
- Drawer guides on ball-bearings
- Individual pull-out lock
- Individual locking per drawer possible
- Handle bars with insertable labelling strip
- Drawer front height: 75, 100, 150, 200, 250, 300 mm
- Usable drawer dimension: 600 x 400 mm
- Individual arrangements see page 52/53





■ 4x drawer

Item no.	Load capacity
68.022	50 kg
68.022-75	75 kg



■ 5x drawer

Item no.	Load capacity
68.140	50 kg
68.140-75	75 kg



■ 6x drawer

Item no.	Load capacity
68.501	50 kg
68.501-75	75 ka



■ 6x drawer

Item no.	Load capacity
68.420	50 kg
68.420-75	75 kg



7x drawer

Item no.	Load capacity
68.700	50 kg
68.700-75	75 kg



■ 7x drawer

Item no.	Load capacity
68.24100	50 kg
68.24100-75	75 kg

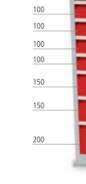
R 24-16 **Drawer cabinets** 

#### **680 x 500 x 1019 mm** (W x D x H)

- Welded sheet steel construction
- Housing: powder-coated
- Drawers: galvanised
- Central locking
- Drawers with full pull-out 100%
- Load capacity of drawers either 50 kg or 75 kg
- Drawers with front height 75 mm only with load capacity 50 kg possible
- Drawer guides on ball-bearings
- Individual pull-out lock
- Individual locking per drawer possible
- Handle bars with insertable labelling strip
- Drawer front height: 75, 100, 150, 200, 250, 300 mm
- Usable drawer dimension: 600 x 400 mm
- Individual arrangements see page 74/75









6x drawer

Item no.	Load capacity
60.303	50 kg
60.303-75	75 kg

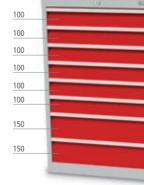
■ 7x drawer

Item no.	Load capacity
60.421	50 kg
60.421-75	75 ka

■ 7x drawer

Item no.	Load capacity
60.41011	50 kg
60.41011-75	75 ka







■ 7x drawer

Item no.	Load capacity
60.340	50 kg
60.340-75	75 ka

8x drawer

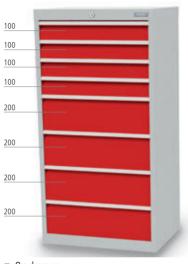
Item no.	Load capacity
60.620	50 kg
60.620-75	75 kg

■ 8x drawer

Item no.	Load capacity
60.701	50 kg
60.701-75	75 kg

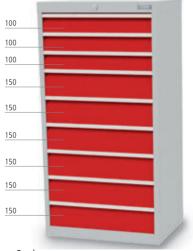
#### 680 x 500 x 1319 mm (W x D x H)

- Welded sheet steel construction
- Housing: powder-coated
- Drawers: galvanised
- Central locking
- Drawers with full pull-out 100%
- Load capacity of drawers either 50 kg or 75 kg
- Drawers with front height 75 mm only with load capacity 50 kg possible
- Drawer guides on ball-bearings
- Individual pull-out lock
- Individual locking per drawer possible
- Handle bars with insertable labelling strip
- Drawer front height: 75, 100, 150, 200, 250, 300 mm
- Usable drawer dimension: 600 x 400 mm
- Individual arrangements see page 52/53



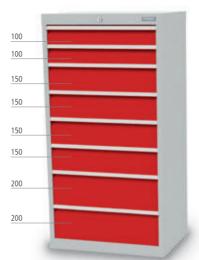


Item no.	Load capacity
613.404	50 kg
613.404-75	75 kg



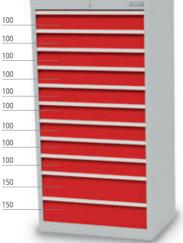
■ 9x drawer

Item no.	Load capacity
613.360	50 kg
613.360-75	75 kg



■ 8x drawer

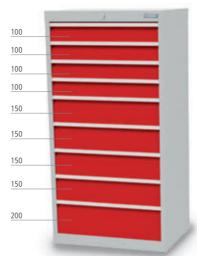
Item no.	Load capacity
613.242	50 kg
613.242-75	75 kg



■ 11x drawer

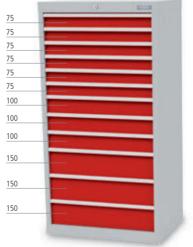
Item no.	Load capacity
613.920	50 kg
613.920-75	75 kg

Suitable divider material can be found on page 57



■ 9x drawer

Item no.	Load capacity
613.441	50 kg
613.441-75	75 kg



■ 12x drawer

Item no.	Load capacity
613.63300	50 kg
613.63300-75	75 kg

R 24-16 Drawer cabinets

#### Drawer inserts | ABS





#### Trough plates | 37 parts

- 4x TP with 4 troughs
- 2x TP with 3 troughs
- 2x TP with 2 troughs
- 16x SDIV for 4 troughs
- 6x SDIV for 3 troughs
- 4x SDIV for 2 troughs
- 1x CCR 600 mm
- 2x DIV 100 mm

Item no.	Front height in mm
168-130-075	75
168-130	100

#### Small parts boxes | 16 parts

- 5x SPB 150 x 150 mm
- 4x SPB 75 x 150 mm
- 4x SPB 75 x 75 mm
- 1x CCR 600 mm
- 2x DIV 100 mm

Item no.	Front height in mm
168-132-075	75
168-132	100

#### Ribbed rubber insert | oil-proof

- 600 x 400 mm
- Smooth closing of the drawer also in connection with metal drawer subdivision
- Applies to all front heights

Item no.	
65.068.530	

#### Metal divider | galvanised sheet steel



#### Metal divider | 5 parts

- 1x CCR 400 mm
- 4x DIV 300 mm

Item no.	Front height in mm
168-144-75	75
168-144-100	100
168-144-150	150
168-144-200	200/250/300



#### Metal divider | 3 parts

- 1x CCR 400 mm
- 2x DIV 300 mm

Item no.	Front height in mm
168-146-75	75
168-146-100	100
168-146-150	150
168-146-200	200/250/300



#### Metal divider | 6 parts

- 2x CCR 400 mm
- 4x DIV 200 mm

Item no.	Front height in mm
168-145-75	75
168-145-100	100
168-145-150	150
168-145-200	200/250/300



#### Metal divider | 11 parts

- 3x CCR 400 mm
- 8x DIV 150 mm

Item no.	Front height in mm
168-139-75	75
168-139-100	100
168-139-150	150
168-139-200	200/250/300



#### Metal divider | 7 parts

- 2x CCR 400 mm
- 5x DIV 200 mm

Item no.	Front height in mm
168-136-75	75
168-136-100	100
168-136-150	150
168-136-200	200/250/300



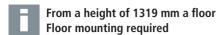
#### Metal divider | 7 parts

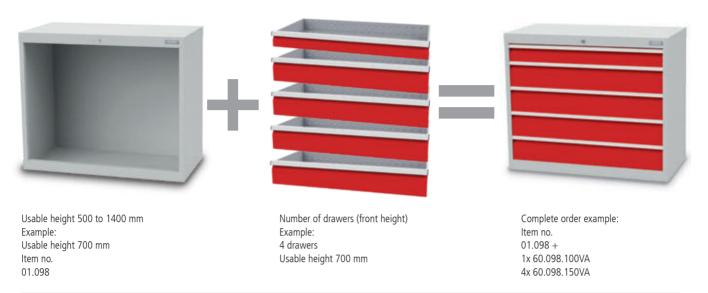
- 3x CCR 400 mm
- 4x DIV 150 mm

Item no.	Front height in mm
168-137-75	75
168-137-100	100
168-137-150	150
168-137-200	200/250/300

CCR = Centre compartment rails, DIV = Divider, SPB = Small Parts Box, TP = Trough Plate, SDIV = Slot-in divider

Grid: R 12-14 R 24-12 R 12-16 R 18-16 R 24-16 R 36-16 R 18-24 R 24-24 R 36-24 R 48-24





#### Housing including locking system, cylinder lock and two keys



#### Total height = usable height + 119 mm

Item no.	Dimensions in mm (WxDxH)	Usable height in mm
01.095	980 x 500 x 519	400
01.096	980 x 500 x 619	500
01.097	980 x 500 x 719	600
01.098	980 x 500 x 819	700
01.099	980 x 500 x 919	800
01.090	980 x 500 x 1019	900
01.0911	980 x 500 x 1119	1000
01.0912	980 x 500 x 1219	1100
01.0913	980 x 500 x 1319	1200
01.0194	980 x 500 x 1419	1300
01.0195	980 x 500 x 1519	1400

R 36-16





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#### Drawers incl. rails



- Usable drawer dimension: 900 x 400 mm (WxD)
- Drawers with full pull-out 100%

Item no.	Front height in mm	Shell height in mm	Usable height in mm	Load capacity
60.098.075VA	75	59	60	50 kg
60.098.100VA	100	85	90	50 kg
60.098.150VA	150	135	140	50 kg
60.098.200VA	200	185	190	50 kg
60.098.250VA	250	185	240	50 kg
60.098.300VA	300	185	290	50 kg
60.098.100VA-75	100	85	90	75 kg
60.098.150VA-75	150	135	140	75 kg
60.098.200VA-75	200	185	190	75 kg
60.098.250VA-75	250	185	240	75 kg
60.098.300VA-75	300	185	290	75 kg

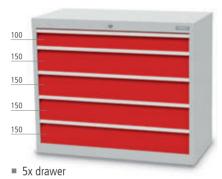
#### Possible variants as examples

Front height/usable height	500	500	700	700	700	700	800	900	900	1200
75	2x	-	-	-	2x	-	-	2x	-	_
100	_	2x	2x	5x	1x	2x	4x	2x	1x	3x
150	1x	2x	-	-	-	2x	-	2x	2x	2x
200	1x	-	1x	1x	2x	1x	2x	-	1x	3x
250					1x			1x		
300	_	-	1x	-	-	-	-	1x	1x	-

#### **980 x 500 x 819 mm** (W x D x H)

- Welded sheet steel construction
- Housing: powder-coated
- Drawers: galvanised
- Central locking
- Drawers with full pull-out 100%
- Load capacity of drawers either 50 kg or 75 kg
- Drawers with front height 75 mm only with load capacity 50 kg possible
- Drawer guides on ball-bearings
- Individual pull-out lock
- Individual locking per drawer possible
- Handle bars with insertable labelling strip
- Drawer front height: 75, 100, 150, 200, 250, 300 mm
- Usable drawer dimension: 900 x 400 mm
- Individual arrangements see page 58/59





Item no.	Load capacity
98.140	50 kg
98.140-75	75 kg



Item no.	Load capacity
98.221	50 kg
98.221-75	75 kg



Item no.	Load capacity	
98.501	50 kg	
98.501-75	75 kg	



■ 6x drawer

Item no.	Load capacity
98.420	50 kg
98.420-75	75 kg



7x drawer

Item no.	Load capacity
98.700	50 kg
98.700-75	75 kg



■ 8x drawer

Item no.	Load capacity
98.44000	50 kg
98.44000-75	75 kg

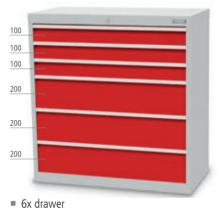
R 36-16 **Drawer cabinets** 

#### **980 x 500 x 1019 mm** (W x D x H)

- Welded sheet steel construction
- Housing: powder-coated
- Drawers: galvanised
- Central locking
- Drawers with full pull-out 100%
- Load capacity of drawers either 50 kg or 75 kg
- Drawers with front height 75 mm only with load capacity 50 kg possible
- Drawer guides on ball-bearings
- Individual pull-out lock
- Individual locking per drawer possible
- Handle bars with insertable labelling strip
- Drawer front height: 75, 100, 150, 200, 250, 300 mm
- Usable drawer dimension: 900 x 400 mm
- Individual arrangements see page 58/59



Equip your drawer cabinet with an E-lock. More information can be found on page 110





Item no.	Load capacity
90.303	50 kg
90.303-75	75 kg



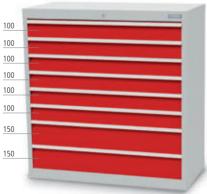
■ 7x drawer

Item no.	Load capacity
90.421	50 kg
90.421-75	75 kg



■ 7x drawer

Item no.	Load capacity
90.340	50 kg
90.340-75	75 ka



8x drawer

Item no.	Load capacity
90.620	50 kg
90.620-75	75 kg



8x drawer

Item no.	Load capacity
90.23300	50 kg
90.23300-75	75 kg



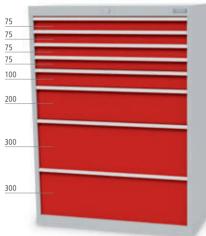
■ 8x drawer

Item no.	Load capacity
90.701	50 kg
90.701-75	75 kg

#### 980 x 500 x 1319 mm (W x D x H)

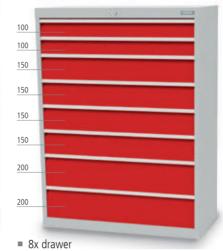
- Welded sheet steel construction
- Housing: powder-coated
- Drawers: galvanised
- Central locking
- Drawers with full pull-out 100%
- Load capacity of drawers either 50 kg or 75 kg
- Drawers with front height 75 mm only with load capacity 50 kg possible
- Drawer guides on ball-bearings
- Individual pull-out lock
- Individual locking per drawer possible
- Handle bars with insertable labelling strip
- Drawer front height: 75, 100, 150, 200, 250, 300 mm
- Usable drawer dimension: 900 x 400 mm
- Individual arrangements see page 58/59





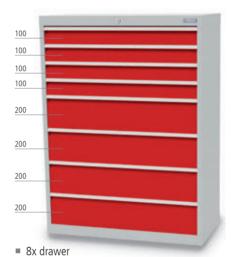


Item no.	Load capacity
913.41012	50 kg
913 41012-75	75 ka

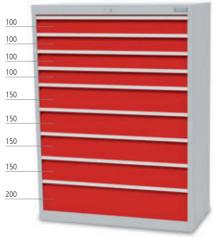


Item no.	Load capaci

Item no.	Load capacity
913.242	50 kg
913.242-75	75 kg

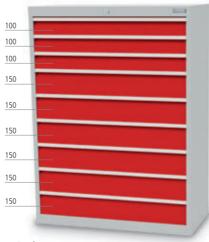


Item no.	Load capacity
913.404	50 kg
913.404-75	75 kg



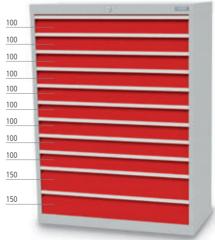
■ 9x drawer

Item no.	Load capacity
913.441	50 kg
913.441-75	75 kg



■ 9x drawer

Item no.	Load capacity
913.360	50 kg
913.360-75	75 kg



■ 11x drawer

Item no.	Load capacity
913.920	50 kg
913.920-75	75 kg

R 36-16 **Drawer cabinets** 

#### Drawer inserts | ABS



#### Small parts boxes | 20 parts

- 9x SPB 150 x 150 mm
- 4x SPB 75 x 150 mm
- 4x SPB 75 x 75 mm
- 1x CCR 900 mm
- 2x DIV 100 mm

Item no.	Front height in mm
198-132-075	75
198-132	100

#### Trough plates | 47 parts

- 6x TP with 4 troughs
- 4x TP with 3 troughs
- 2x TP with 2 troughs
- 16x SDIV for 4 troughs
- 12x SDIV for 3 troughs
- 4x SDIV for 2 troughs
- 1x CCR 900 mm
- 2x DIV 100 mm

Item no.	Front height in mm
198-130-075	75
198-130	100

#### Ribbed rubber insert | oil-proof

- 900 x 400 mm
- Smooth closing of the drawer also in connection with metal drawer subdivision
- Applies to all front heights

Item no.		
65.098.530		

#### Metal divider | galvanised sheet steel





- 3x CCR 400 mm
- 5x DIV 200 mm
- 1x DIV 300 mm

Item no.	Front height in mm
198-136-75	75
198-136-100	100
198-136-150	150
198-136-200	200/250/300



#### Metal divider | 7 parts

- 2x CCR 400 mm
- 5x DIV 300 mm

Item no.	Front height in mm
198-146-75	75
198-146-100	100
198-146-150	150
198-146-200	200/250/300



#### Metal divider | 5 parts

- 2x CCR 400 mm
- 3x DIV 300 mm

Item no.	Front height in mm
198-144-75	75
198-144-100	100
198-144-150	150
198-144-200	200/250/300



#### Metal divider | 17 parts

- 5x CCR 400 mm
- 12x DIV 150 mm

Item no.	Front height in mm
198-141-75	75
198-141-100	100
198-141-150	150
198-141-200	200/250/300



#### Metal divider | 11 parts

- 3x CCR 400 mm
- 4x DIV 150 mm
- 4x DIV 300 mm

Item no.	Front height in mm
198-142-75	75
198-142-100	100
198-142-150	150
198-142-200	200/250/300



#### Metal divider | 14 parts

- 4x CCR 400 mm
- 8x DIV 150 mm
- 2x DIV 300 mm

Item no.	Front height in mm
198-139-75	75
198-139-100	100
198-139-150	150
198-139-200	200/250/300

CCR = Centre compartment rails, DIV = Divider, SPB = Small Parts Box, TP = Trough Plate, SDIV = Slot-in divider

## Individual equipment

Grid: R 12-14 R 24-12 R 12-16 R 18-16 R 24-16 R 36-16 R 18-24 R 24-24 R 36-24 R 48-24

#### Insertable labelling strip

- Fold up transparent panel and insert label. Press panel down again.
- Labelling strip and transparent cover kit
- Height 20 mm

Item no.	Designation
01.046.007-1	R 18-16
01.068.007-1	R 24-16
01.098.007-1	R 36-16



#### **Divider elements**

- Metal divider elements made from high-quality thin sheet metal
- Fine subdivision on the grid 50:50



#### Centre compartment rail

Front 75 mm

Item no.	Dimensions in mm (W x H)
20.400.060	400 x 55
20.450.060	450 x 55   Separator rail, rear, crosswise
20.600.060	600 x 55   Separator rail, rear, crosswise
20.900.060	900 x 55   Separator rail, rear, crosswise



#### Centre compartment rail

Front 100 mm

Item no.	Dimensions in mm (W x H)
20.400.085	400 x 80
20.450.085	450 x 80   Separator rail, rear, crosswise
20.600.085	600 x 80   Separator rail, rear, crosswise
20.900.085	900 x 80   Separator rail, rear, crosswise



#### Centre compartment rail

Front 150 mm

Item no.	Dimensions in mm (W x H)	
20.400.135	400 x 130	



#### Centre compartment rail

Front 200 mm

Item no.	Dimensions in mm (W x H)	
20.400.180	400 x 185	

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R 18-16 R 24-16 R 36-16









#### Divider

Front 75 mm

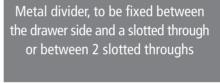
Item no.	Dimensions in mm (W x H)
30.100.060	100 x 55
30.150.060	150 x 55
30.200.060	200 x 55
30.300.060	300 x 55



#### Divider

Front 100 mm

Item no.	Dimensions in mm (W x H)
30.100.085	100 x 80
30.150.085	150 x 80
30.200.085	200 x 80
30.300.085	300 x 80





Front 150 mm

Item no.	Dimensions in mm (W x H)
30.100.135	100 x 130
30.150.135	150 x 130
30.200.135	200 x 130
30.250.135	250 x 130
30.300.135	300 x 130



Divider

Front 200, 250, 300 mm

Item no.	Dimensions in mm (W x H)
30.100.185	100 x 180
30.150.185	150 x 180
30.200.185	200 x 180
30.250.185	250 x 180
30.300.185	300 x 180

## Individual equipment

Grid: R 12-14 R 24-12 R 12-16 R 18-16 R 24-16 R 36-16 R 18-24 R 24-24 R 36-24 R 48-24

#### **Individual equipment T500 series**



#### Hinged door for usable height 700 mm

- Hinged doors with twist lock cylinder lock and 2 keys
- With one door, hinges on the right and left are possible

Item no.	Grid	Design	for cabinet width
01.053.700E	R 18-16	one door	530 mm
01.068.700E	R 24-16	one door	680 mm
01.098.700E	R 36-16	two doors	980 mm



#### Hinged door for usable height 900 mm

- Hinged doors with twist lock cylinder lock and 2 keys
- With one door, hinges on the right and left are possible

Item no.	Grid	Design	for cabinet width
01.053.900E	R 18-16	one door	530 mm
01.068.900E	R 24-16	one door	680 mm
01.098.900E	R 36-16	two doors	980 mm

#### Hinged door for usable height 800 mm

- Hinged doors with twist lock cylinder lock and 2 keys
- With one door, hinges on the right and left are possible

Item no.	Grid	Design	for cabinet width
01.053.800E	R 18-16	one door	530 mm
01.068.800E	R 24-16	one door	680 mm
01.098.800E	R 36-16	two doors	980 mm

#### Metal cover upon double doors

- For a cabinet with drawers on top and doors below a metal cover will be fixed upon the doors
- The using height is reduced by 100 mm

Item no.	Grid
01 098 RI FI	R 36-16



#### Ribbed rubber mat on cabinet

Oil-proof

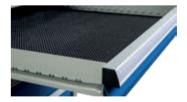
Item no.	Dimensions in mm (WxDxH)
65.040.530	530 x 500 x 3
65.060.530	680 x 500 x 3
65.090.530	980 x 500 x 3



#### Ribbed rubber insert for drawer

- Oil-proof
- Smooth closing of the drawer also in connection with metal drawer subdivision

Item no.	Dimensions in mm (WxDxH)
65.046.530	450 x 400 x 3
65.068.530	600 x 400 x 3
65.098.530	900 x 400 x 3



#### Non-slip mat secures tools

- Insert for drawer
- Smooth closing of the drawer also in connection with metal drawer subdivision

Item no.	Dimensions in mm (WxDxH)
65.046.531	450 x 400 x 3
65.068.531	600 x 400 x 3
65.098.531	900 x 400 x 3

R 18-16 R 24-16 R 36-16 Drawer cabinets



#### Cover plate

■ Beech multiplex, oiled

Item no.	Dimensions in mm (WxDxH)
67.046.017	530 x 500 x 25
67.068.017	680 x 500 x 25
67.098.017	980 x 500 x 25



#### **Cover plate**

- Melamine resin coated chipboard
- **RAL** 7035
- 19 mm, screwable

Item no.	Dimensions in mm (WxDxH)
67.046.016	530 x 500 x 19
67.068.016	680 x 500 x 19
67.098.016	980 x 500 x 19



#### Shelf

Item no.	Dimensions in mm (WxDxH)
04.053.013	475 x 443 x 22
04.060.013	625 x 443 x 22
04.090.013	925 x 443 x 22





#### Machine feet for drawer cabinets

- Load capacity 1200 kg
- plate Ø 50 mm
- Base made of polished and chrome-plated sheet steel
- Easy height adjustment with vibration damping

Item no.	Packaging unit
01.ASF50-M8	Set with 4 pieces



#### Lift truck base

Cover plate front and rear

Item no.	Dimensions in mm (WxDxH)
01.046.012	530 x 500 x 112
01.068.012	680 x 500 x 112
01.098.012	980 x 500 x 112



#### Metal roll-off edge on 3 sides

■ 20 mm height

Item no.	Dimensions in mm (WxDxH)
66.046.025	530 x 500 x 20
66.068.025	680 x 500 x 20
66.098.025	980 x 500 x 20



#### Soft PVC workbench covering

- Transparent
- Bluish

Item no.	Dimensions in mm (WxDxH)
0153504TRA	530 x 500 x 4
0168504TRA	680 x 500 x 4
0198504TRA	980 x 500 x 4



- Aluminium push handle
- Steel panel with 4 steering casters, thereof 2 with locks and push handle for tool cabinet
  - $\ensuremath{^{\star}}$  without steel plate, the casters are screwed into the frame of the housing



Item no.	Dimensions in mm (WxDxH)	Push handle arrangement	Caster Ø in mm
01.046.008*	530 x 500 x 150	front	80
01.068.008*	680 x 500 x 150	side	80
01.098.008	980 x 500 x 150	side	80
01.046.009*	530 x 500 x 150	front	125
01.068.009*	680 x 500 x 150	side	125
01.098.009	980 x 500 x 150	side	125



#### Robust - versatile - stable

### T736



#### **Features**

#### 4 widths:

**R 18-24:** width 555 mm **R 24-24:** width 705 mm

**R 36-24:** width 1005 mm

**R 48-24:** width 1305 mm

#### Housing depth 736 mm

Internal drawer depth generally 600 mm



#### Different heights:

- **R 18-24:** height 519, 619, 719, 819, 919, 1019, 1119 1219, 1319, 1419 und 1519 mm
- **R 24-24:** height 519, 619, 719, 819, 919, 1019, 1119 1219, 1319, 1419 und 1519 mm
- **R 36-24:** height 519, 619, 719, 819, 919, 1019, 1119 1219, 1319, 1419 und 1519 mm
- **R 48-24:** height 818, 919, 1019, 1119 1219, 1319, 1419 und 1519 mm
- Integrated recessed aluminium handle bars flush with housing
- Powder-coated drawers with slotted side walls on a 25 mm grid for dividers – fast, comprehensive, rational subdivision is guaranteed
- All drawer cabinets of series T736 with a front height from 75 mm with load capacity 100 kg, can be fitted with soft close.
- When placing your order, please indicate the desired number of drawers with soft close.
- Retrofitting on existing drawers is not possible.
- Please note!

When opening the drawer, it must stay open for at least 5 seconds because of the soft close cylinder; otherwise the soft close mechanism will be damaged. Perfect functioning is then no longer guaranteed.

#### Cylinder lock with 180° closure

Cabinet housing, maximum load of up to 1.5 t







■ TÜV-Rheinland certificate: "GS" mark for tested safety

- Ball bearing guides
- Full pull-out (FP) 100 %, load capacity 70 kg (with 50 mm front height)
- Full pull-out (FP) 100 %, load capacity 100 kg (from 75 mm front height)
- Full pull-out (FP) 100 %, load capacity 180 kg (from 100 mm front height)
- Full pull-out (FP) 100 %, load capacity 300 kg (for front height 200, 250 and 300 mm)
- Drawers with front heights:

50, 75, 100, 125, 150, 175, 200, 250, 300 & 400 mm



### bedrunka+hirth

#### Drawer cabinets

#### New heights











	Housing W x D			
	555 x 736	705 x 736	1005 x 736	1305 x 736
Housing height	Usable heights	Usable heights	Usable heights	Usable heights
519	400	400	400	-
619	500	500	500	-
719	600	600	600	-
819	700	700	700	700
919	800	800	800	800
1019	900	900	900	900
1119	1000	1000	1000	1000
1219	1100	1100	1100	1100
1319	1200	1200	1200	1200
1419	1300	13000	1300	1300
1519	1400	1400	1400	1400
	$\Rightarrow$	$\forall$	$\forall$	$\Rightarrow$







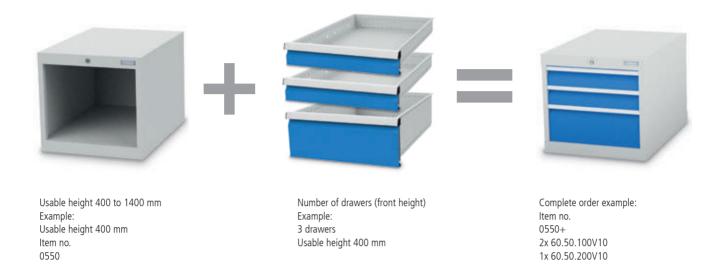


		Drawer W x D	Drawer W x D	Drawer W x D	Drawer W x D
		450 x 600	600 x 600	900 x 600	1200 x 600
Front height	Shell height	Load capacity	Load capacity	Load capacity	Load capacity
50	28	70 kg	70 kg	70 kg	-
75	56	100 kg	100 kg	100 kg	100 kg
100	81	100 / 180 kg	100 / 180 kg	100 / 180 kg	180 kg
125	81	100 / 180 kg	100 / 180 kg	100 / 180 kg	180 kg
150	131	100 / 180 kg	100 / 180 kg	100 / 180 kg	180 kg
175	131	100 / 180 kg	100 / 180 kg	100 / 180 kg	180 kg
200	181	100 / 180 / 300 kg	100 / 180 / 300 kg	100 / 180 / 300 kg	180 kg
250	181	100 / 180 / 300 kg	100 / 180 / 300 kg	100 / 180 / 300 kg	180 kg
300	181	100 / 180 / 300 kg	100 / 180 / 300 kg	100 / 180 / 300 kg	-
400	81	100 / 180 kg	100 / 180 kg	100 / 180 kg	-

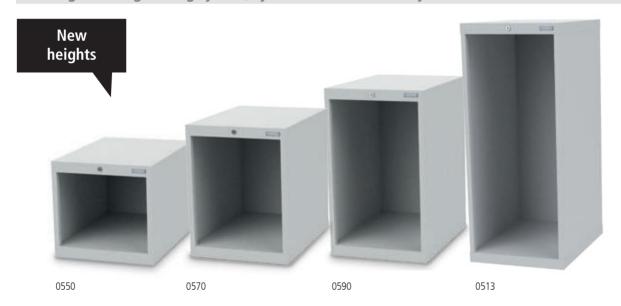
	Series	Series	Series	Series
	T736	T736	T736	T736
	T736 18-24	T736 24-24	T736 36-24	T736 48-24
Grid:	R 18-24	R 24-24	R 36-24	R 48-24

All dimensions in mm

Grid: R 12-14 R 24-12 R 12-16 R 18-16 R 24-16 R 36-16 R 18-24 R 24-24 R 36-24 R 48-24



#### Housing including locking system, cylinder lock and two keys



#### Total height = usable height + 119 mm

Item no.	Dimensions in mm (WxDxH)	Usable height in mm
0550	555 x 736 x 519	400
0560	555 x 736 x 619	500
0570	555 x 736 x 719	600
0580	555 x 736 x 819	700
0590	555 x 736 x 919	800
0500	555 x 736 x 1019	900
0511	555 x 736 x 1119	1000
0512	555 x 736 x 1219	1100
0513	555 x 736 x 1319	1200
0514	555 x 736 x 1419	1300
0515	555 x 736 x 1519	1400

R 18-24 Drawer cabinets







#### Drawers R 18-24 incl. rails



#### 450 x 600 mm (W x D) with full pull-out 100 % - 70/100 kg

Item no.	Front height	Shell height	Usable height	Load capacity
60.50.050V07	50	28	30	70 kg
60.50.075V10	75	56	58	100 kg
60.50.100V10	100	81	83	100 kg
60.50.125V10	125	81	108	100 kg
60.50.150V10	150	131	133	100 kg
60.50.175V10	175	131	158	100 kg
60.50.200V10	200	181	183	100 kg
60.50.250V10	250	181	233	100 kg
60.50.300V10	300	181	283	100 kg



#### 450 x 600 mm (W x D) with full pull-out 100 % - 180 kg

Item no.	Front height	Shell height	Usable height	Load capacity
60.50.100V18	100	81	83	180 kg
60.50.125V18	125	81	108	180 kg
60.50.150V18	150	131	133	180 kg
60.50.175V18	175	131	158	180 kg
60.50.200V18	200	181	183	180 kg
60.50.250V18	250	181	233	180 kg
60.50.300V18	300	181	283	180 kg
60.50.30V18CNC	300	81	283	180 kg
60.50.40V18CNC	400	81	383	180 kg



71

#### 450 x 600 mm (W x D) with full pull-out 100 % - 300 kg

Item no.	Front height	Shell height	Usable height	Load capacity
60.50.200V30	200	181	183	300 kg
60.50.250V30	250	181	233	300 kg
60.50.300V30	300	181	283	300 kg

#### 555 x 736 x 519 mm (W x D x H)

- Welded sheet steel construction
- Housing: powder-coated
- Central locking
- Drawers with full pull-out (FP) 100%
- Drawers with 50 mm front height, load capacity 70 kg
   Drawers from 75 mm front height, load capacity 100 kg
- Drawer guides on ball-bearings
- Individual pull-out lock
- Individual locking per drawer possible
- Handle bars with insertable labelling strip
- Drawer front height: 50, 75, 100, 125, 150, 175, 200, 250, 300, 400 mm
- Usable drawer dimension: 450 x 600 mm
- Individual arrangements with 180 and 300 kg load capacity see page 70/71



#### Drawer soft close

- Possible from front height 75 mm
- When placing your order, please indicate the desired number of drawers with soft close.
- The specified price is understood as a surcharge per drawer.
- Retrofitting on existing drawers is not possible.
- Please note! When opening the drawer, it must stay open for at least 5 seconds because of the soft close cylinder; otherwise the soft close mechanism will be damaged. Perfect functioning is then no longer guaranteed.

Item no.	Use from FH/load capacity
60.100.SC	75 mm - 100 kg



Item no.

550/0002V10



3x drawer

Item no. 550/0201V10



4x drawer

Item no. 550/1210V10



Item no. 550/0400V10



5x drawerItem no.550/3110V10



■ 5x drawer

550/12200V10

R 18-24 Drawer cabinets

### **555 x 736 x 819 mm** (W x D x H)

- Welded sheet steel construction
- Housing: powder-coated
- Central locking
- Drawers with full pull-out (FP) 100%
- Drawers with 50 mm front height, load capacity 70 kg
   Drawers from 75 mm front height, load capacity 100 kg
- Drawer guides on ball-bearings
- Individual pull-out lock
- Individual locking per drawer possible
- Handle bars with insertable labelling strip
- Drawer front height: 50, 75, 100, 125, 150, 175, 200, 250, 300, 400 mm
- Usable drawer dimension: 450 x 600 mm
- Individual arrangements with 180 and 300 kg load capacity see page 70/71



Equip your drawer cabinet with an E-lock. More information can be found on page 110

Suitable divider material can be found on page 75



Item no. 580/0501V10



Item no. 580/1222V10



Item no. 580/22111V10



Item no. 580/3410V10



Item no. 580/2600V10



= ox urawer

580/32201V10

Grid: R 12-14 R 24-12 R 12-16 R 18-16 R 24-16 R 36-16 R 18-24 R 24-24 R 36-24 R 48-24

### 555 x 736 x 1019 mm (W x D x H)

- Welded sheet steel construction
- Housing: powder-coated
- Central locking
- Drawers with full pull-out (FP) 100%
- Drawers with 50 mm front height, load capacity 70 kg
   Drawers from 75 mm front height, load capacity 100 kg
- Drawer guides on ball-bearings
- Individual pull-out lock
- Individual locking per drawer possible
- Handle bars with insertable labelling strip
- Drawer front height: 50, 75, 100, 125, 150, 175, 200, 250, 300, 400 mm
- Usable drawer dimension: 450 x 600 mm
- Individual arrangements with 180 and 300 kg load capacity see page 70/71



#### Drawer soft close

- Possible from front height 75 mm
- When placing your order, please indicate the desired number of drawers with soft close.
- The specified price is understood as a surcharge per drawer.
- Retrofitting on existing drawers is not possible.
- Please note! When opening the drawer, it must stay open for at least 5 seconds because of the soft close cylinder; otherwise the soft close mechanism will be damaged. Perfect functioning is then no longer quaranteed.

Item no.	Use from FH/load capacity
60.100.SC	75 mm - 100 kg



■ 7x drawer

Item no.	
500/1222V10	



■ 7x drawer

500/0900V10

Item no.		
500/1231V10		



■ 8x drawer

Item no.	
500/3131V10	



Item no. 500/1223V10

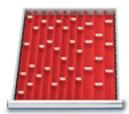




Item no. 500/4302V10

R 18-24 **Drawer cabinets** 

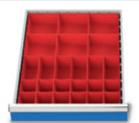
# Drawer inserts | ABS



#### Trough plates | 46 parts

- 8x TP with 4 troughs
- 4x TP with 3 troughs
- 25x SDIV for 4 troughs
- 9x SDIV for 3 troughs

Item no.	Front height in mm
111	50/75



#### Small parts boxes | 24 parts

- 6x SPB 150 x 150 mm
- 6x SPB 75 x 150 mm
- 12x SPB 75 x 75 mm

Item no.	Front height in mm
112BLH50	50
112BLH75	75
112BLH100	100

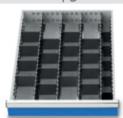


#### Small parts boxes | 15 parts

- 10x SPB 150 x 150 mm
- 3x SPB 75 x 150 mm
- 2x SPB 75 x 75 mm

Item no.	Front height in mm
119BLH50	50
119BLH75	75
119BLH100	100

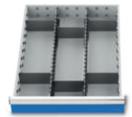
# Metal divider | galvanised sheet steel



#### Metal divider | 25 parts

- 4x CCR 600 mm
- 5x DIV 50 mm
- 16x DIV 100 mm

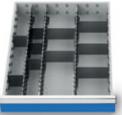
Item no.	Front height in mm
110BLH50	50
110BLH75	75
110BLH100	100/125
110BLH150	150/175



#### Metal divider | 8 parts

- 2x CCR 600 mm
- 6x DIV 150 mm

Item no.	Front height in mm
113BLH50	50
113BLH75	75
113BLH100	100/125
113BLH150	150/175
113BLH200	200/250/300



# Metal divider | 13 parts

- 3x CCR 600 mm
- 5x DIV 75 mm
- 5x DIV 150 mm

Item no.	Front height in mm
114BLH50	50
114BLH75	75
114BLH100	100/125
114BLH150	150/175

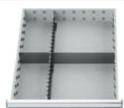


#### Metal divider | 12 parts

- 3x CCR 600 mm
- 7x DIV 100 mm
- **2x DIV 150 mm**

Item no.	Front height in mm
116BLH50	50
116BLH75	75
116BLH100	100/125
116BLH150	150/175
116BLH200	200/250/300

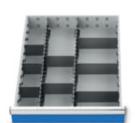




#### Metal divider | 3 parts

- 1x CCR 600 mm
- 1x DIV 150 mm
- 1x DIV 300 mm

Item no.	Front height in mm
115BLH75	75
115BLH100	100/125
115BLH150	150/175
115BLH200	200/250/300



#### Metal divider | 10 parts

- 2x CCR 600 mm
- 3x DIV 100 mm
- **2x DIV 150 mm**

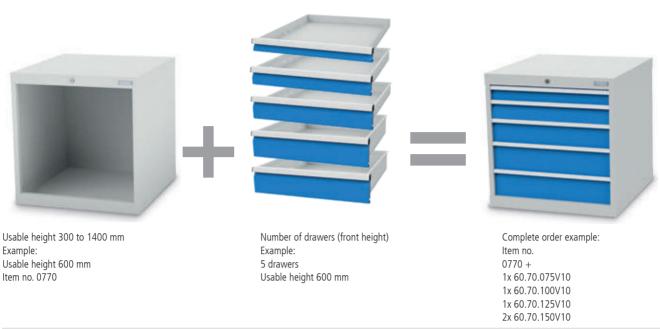
•	3х	DIV	200	mm

Item no.	Front height in mm
117BLH50	50
117BLH75	75
117BLH100	100/125
117BLH150	150/175
117BLH200	200/250/300

CCR = Centre compartment rails, DIV = Divider, SPB = Small Parts Box, TP = Trough Plate, SDIV = Slot-in divider

# **Drawer cabinets**

Grid: R 12-14 R 24-12 R 12-16 R 18-16 R 24-16 R 36-16 R 18-24 R 24-24 R 36-24 R 48-24



# Housing including locking system, cylinder lock and two keys



#### Total height = usable height + 119 mm

Item no.	Dimensions in mm (WxDxH)	Usable height in mm
0750	705 x 736 x 519	400
0760	705 x 736 x 619	500
0770	705 x 736 x 719	600
0780	705 x 736 x 819	700
0790	705 x 736 x 919	800
0700	705 x 736 x 1019	900
0711	705 x 736 x 1119	1000
0712	705 x 736 x 1219	1100
0713	705 x 736 x 1319	1200
0714	705 x 736 x 1419	1300
0715	705 x 736 x 1519	1400

R 24-24 Drawer cabinets







# Drawers R 24-24 incl. rails

# 600 x 600 mm (W x D) with full pull-out 100 % - 70/100 kg



Item no.	Front height	Shell height	Usable height	Load capacity
60.70.050V07	50	28	30	70 kg
60.70.075V10	75	56	58	100 kg
60.70.100V10	100	81	83	100 kg
60.70.125V10	125	81	108	100 kg
60.70.150V10	150	131	133	100 kg
60.70.175V10	175	131	158	100 kg
60.70.200V10	200	181	183	100 kg
60.70.250V10	250	181	233	100 kg
60.70.300V10	300	181	283	100 kg

# 600 x 600 mm (W x D) with full pull-out 100 % - 180 kg



Item no.	Front height	Shell height	Usable height	Load capacity
60.70.100V18	100	81	83	180 kg
60.70.125V18	125	81	108	180 kg
60.70.150V18	150	131	133	180 kg
60.70.175V18	175	131	158	180 kg
60.70.200V18	200	181	183	180 kg
60.70.250V18	250	181	233	180 kg
60.70.300V18	300	181	283	180 kg
60.70.30V18CNC	300	81	283	180 kg
60.70.40V18CNC	400	81	383	180 kg

### 600 x 600 mm (W x D) with full pull-out 100 % - 300 kg



Item no.	Front height	Shell height	Usable height	Load capacity
60.70.200V30	200	181	183	300 kg
60.70.250V30	250	181	233	300 kg
60.70.300V30	300	181	283	300 kg

Grid: R 12-14 R 24-12 R 12-16 R 18-16 R 24-16 R 36-16 R 18-24 R <mark>24-24</mark> R 36-24 R 48-24

# **705 x 736 x 719 mm** (W x D x H)

- Welded sheet steel construction
- Housing: powder-coated
- Central locking
- Drawers with full pull-out (FP) 100%
- Drawers with 50 mm front height, load capacity 70 kg
   Drawers from 75 mm front height, load capacity 100 kg
- Drawer guides on ball-bearings
- Individual pull-out lock
- Individual locking per drawer possible
- Handle bars with insertable labelling strip
- Drawer front height: 50, 75, 100, 125, 150, 175, 200, 250, 300, 400 mm
- Usable drawer dimension: 600 x 600 mm
- Individual arrangements with 180 and 300 kg load capacity see page 76/77



#### Drawer soft close

- Possible from front height 75 mm
- When placing your order, please indicate the desired number of drawers with soft close.
- The specified price is understood as a surcharge per drawer.
- Retrofitting on existing drawers is not possible.
- Please note! When opening the drawer, it must stay open for at least 5 seconds because of the soft close cylinder; otherwise the soft close mechanism will be damaged. Perfect functioning is then no longer guaranteed.

Item no.	Use from FH/load capacity
60.100.SC	75 mm - 100 kg



■ 4x drawer

770/0121V10



4x drawer

Item no. 770/0040V10



■ 5x drawer

770/0320V10



5x drawer

Item no. 770/1112V10



6x drawer

Item no. 770/2220V10



■ 6x drawer

Item no. 770/0600V10 R 24-24 Drawer cabinets

### **705 x 736 x 819 mm** (W x D x H)

- Welded sheet steel construction
- Housing: powder-coated
- Central locking
- Drawers with full pull-out (FP) 100%
- Drawers with 50 mm front height, load capacity 70 kg
   Drawers from 75 mm front height, load capacity 100 kg
- Drawer guides on ball-bearings
- Individual pull-out lock
- Individual locking per drawer possible
- Handle bars with insertable labelling strip
- Drawer front height: 50, 75, 100, 125, 150, 175, 200, 250, 300, 400 mm
- Usable drawer dimension: 600 x 600 mm
- Individual arrangements with 180 and 300 kg load capacity see page 76/77



Equip your drawer cabinet with an E-lock. More information can be found on page 110

Suitable divider material can be found on page 83



■ 6x drawer

Item no. 780/0420V10



6x drawer

Item no. 780/2121V10



■ 6x drawer

780/1311V10



Item no. 780/1222V10



8x drawer

Item no. 780/4220V10



8x drawer

Item no. 780/3221V10

R 24-16 R 36-16 R 24-24 R 12-14 R 24-12 R 12-16 R 18-16 R 18-24 R 36-24 R 48-24

### 705 x 736 x 1019 mm (W x D x H)

- Welded sheet steel construction
- Housing: powder-coated
- Central locking
- Drawers with full pull-out (FP) 100%
- Drawers with 50 mm front height, load capacity 70 kg Drawers from 75 mm front height, load capacity 100 kg
- Drawer guides on ball-bearings
- Individual pull-out lock
- Individual locking per drawer possible
- Handle bars with insertable labelling strip
- Drawer front height: 50, 75, 100, 125, 150, 175, 200, 250, 300, 400 mm
- Usable drawer dimension: 600 x 600 mm
- Individual arrangements with 180 and 300 kg load capacity see page 76/77



#### Drawer soft close

- Possible from front height 75 mm
- When placing your order, please indicate the desired number of drawers with soft close.
- The specified price is understood as a surcharge per drawer.
- Retrofitting on existing drawers is not possible.
- Please note! When opening the drawer, it must stay open for at least 5 seconds because of the soft close cylinder; otherwise the soft close mechanism will be damaged. Perfect functioning is then no longer guaranteed.

Item no.	Use from FH/load capacity
60.100.SC	75 mm - 100 kg



8x drawer

Item no.	
700/4112V10	

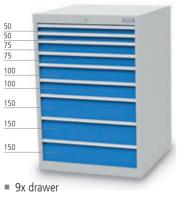


8x drawer

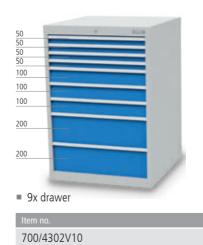
Item no.		
700/2321V10		



Item no. 700/3411V10



700/2223V10



700/4501V10

R 24-24 **Drawer cabinets** 

### **705 x 736 x 1319 mm** (W x D x H)

- Welded sheet steel construction
- Housing: powder-coated
- Central locking
- Drawers with full pull-out (FP) 100%
- Drawers with 50 mm front height, load capacity 70 kg Drawers from 75 mm front height, load capacity 100 kg
- Drawer guides on ball-bearings
- Individual pull-out lock
- Individual locking per drawer possible
- Handle bars with insertable labelling strip
- Drawer front height: 50, 75, 100, 125, 150, 175, 200, 250, 300, 400 mm
- Usable drawer dimension: 600 x 600 mm
- Individual arrangements with 180 and 300 kg load capacity see page 76/77



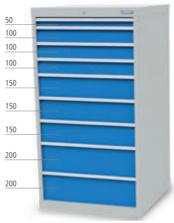
Equip your drawer cabinet with an E-lock. More information can be found on page 110

Suitable divider material can be found on page 83



8x drawer

Item no.



■ 9x drawer



9x drawer

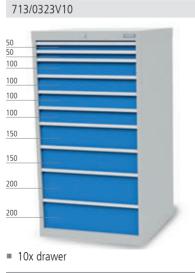
713/0270V10

Item no.

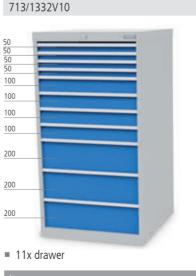
100 100

100

100



713/2422V10



100 100 100 100 100 100 100 100 ■ 12x drawer

713/0120V10

713/4403V10

Grid: R 12-14 R 24-12 R 12-16 R 18-16 R 24-16 R 36-16 R 18-24 R 24-24 R 36-24 R 48-24

### 705 x 736 x 1519 mm (W x D x H)

- Welded sheet steel construction
- Housing: powder-coated
- Central locking
- Drawers with full pull-out (FP) 100%
- Drawers with 50 mm front height, load capacity 70 kg
   Drawers from 75 mm front height, load capacity 100 kg
- Drawer guides on ball-bearings
- Individual pull-out lock
- Individual locking per drawer possible
- Handle bars with insertable labelling strip
- Drawer front height: 50, 75, 100, 125, 150, 175, 200, 250, 300, 400 mm
- Usable drawer dimension: 600 x 600 mm
- Individual arrangements with 180 and 300 kg load capacity see page 76/77



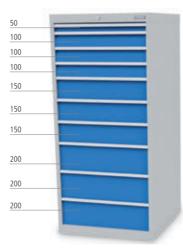
#### Drawer soft close

- Possible from front height 75 mm
- When placing your order, please indicate the desired number of drawers with soft close.
- The specified price is understood as a surcharge per drawer.
- Retrofitting on existing drawers is not possible.
- Please note! When opening the drawer, it must stay open for at least 5 seconds because of the soft close cylinder; otherwise the soft close mechanism will be damaged. Perfect functioning is then no longer quaranteed.

Item no.	Use from FH/load capacity
60.100.SC	75 mm - 100 kg

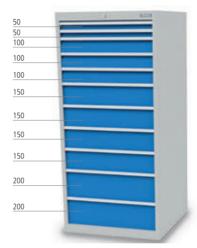






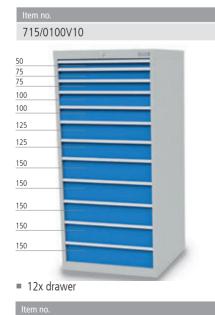
■ 10x drawer

715/0130V10

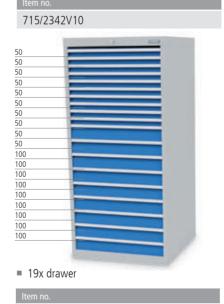


■ 11x drawer

715/1900V10



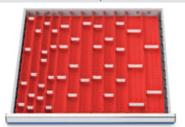




715/0120V10

R 24-24 Drawer cabinets

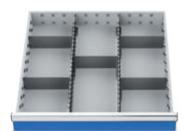
# Drawer inserts | ABS



#### Trough plates | 56 parts

- 4x TP with 4 troughs
- 8x TP with 3 troughs
- 4x TP with 2 troughs
- 18x SDIV for 4 troughs
- 17x SDIV for 3 troughs
- 5x SDIV for 2 troughs

Item no.	Front height in mm
130	50/75



#### Metal divider | 7 parts

- 2x CCR 600 mm
- 5x DIV 200 mm

Item no.	Front height in mm
135BLH50	50
135BLH75	75
135BLH100	100/125
135BLH150	150/175
135BLH200	200/250/300



### Metal divider | 10 parts

- 2x CCR 600 mm
- 8x DIV 200 mm

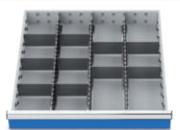
Item no.	Front height in mm
139BLH50	50
139BLH75	75
139BLH100	100/125
139BLH150	150/175
139BLH200	200/250/300



#### Small parts boxes | 32 parts

- 8x SPB 150 x 150 mm
- 8x SPB 75 x 150 mm
- 16x SPB 75 x 75 mm

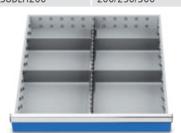
Item no.	Front height in mm
132BLH50	50
132BLH75	75
132BLH100	100



### Metal divider | 13 parts

- 3x CCR 600 mm
- 10x DIV 150 mm

Item no.	Front height in mm
138BLH50	50
138BLH75	75
138BLH100	100/125
138BLH150	150/175
138BI H200	200/250/300



#### Metal divider | 5 parts

- 1x CCR 600 mm
- 4x DIV 300 mm

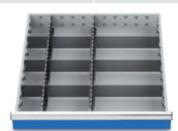
Item no.	Front height in mm
144BLH75	75
144BLH100	100/125
144BLH150	150/175
144BLH200	200/250/300



### Small parts boxes | 24 parts

- 12x SPB 150 x 150 mm
- 4x SPB 75 x 150 mm
- 8x SPB 75 x 75 mm

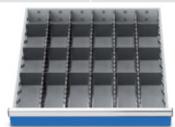
Item no.	Front height in mm
134BLH50	50
134BLH75	75
134BLH100	100



#### Metal divider | 11 parts

- 2x CCR 600 mm
- 3x DIV 100 mm
- 3x DIV 200 mm
- 3x DIV 300 mm

Item no.	Front height in mm
147BLH75	75
147BLH100	100/125
147BLH150	150/175
147BLH200	200/250/300



#### Metal divider | 23 parts

- 5x CCR 600 mm
- 18x DIV 100 mm

Item no.	Front height in mm
149BLH50	50
149BLH75	75
149BLH100	100/125
149BLH150	150/175
149BLH200	200/250/300

CCR = Centre compartment rails, DIV = Divider, SPB = Small Parts Box, TP = Trough Plate, SDIV = Slot-in divider

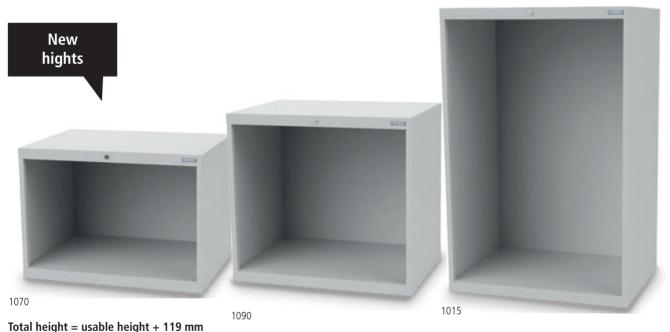
# **Modular system**

Grid: R 12-14 R 24-12 R 12-16 R 18-16 R 24-16 R 36-16 R 18-24 R 24-24 R 36-24 R 48-24



Usable height 400 to 1400 mm Example: Usable height 600 mm Item no. 1070 Number of drawers (front height) Example: 5 drawers Usable height 600 mm Complete order example: Item no. 1050 + 3x 60.10.100V10 2x 60.10.150V10

# Housing including locking system, cylinder lock and two keys



Item no.	Dimensions in mm (WxDxH)	Usable height in mm
1050	1005 x 736 x 519	400
1060	1005 x 736 x 619	500
1070	1005 x 736 x 719	600
1080	1005 x 736 x 819	700
1090	1005 x 736 x 919	800
1000	1005 x 736 x 1019	900
1011	1005 x 736 x 1119	1000
1012	1005 x 736 x 1219	1100
1013	1005 x 736 x 1319	1200
1014	1005 x 736 x 1419	1300
1015	1005 x 736 x 1519	1400

R 36-24 Drawer cabinets







# Drawers R 36-24 incl. rails

### 900 x 600 mm (W x D) with full pull-out 100 % - 70/100 kg



Item no.	Front height	Shell height	Usable height	Load capacity
60.10.050V07	50	28	30	70 kg
60.10.075V10	75	56	58	100 kg
60.10.100V10	100	81	83	100 kg
60.10.125V10	125	81	108	100 kg
60.10.150V10	150	131	133	100 kg
60.10.175V10	175	131	158	100 kg
60.10.200V10	200	181	183	100 kg
60.10.250V10	250	181	233	100 kg
60.10.300 V10	300	181	283	100 kg

### 900 x 600 mm (W x D) with full pull-out 100 % - 180 kg



Item no.	Front height	Shell height	Usable height	Load capacity
60.10.100V18	100	81	83	180 kg
60.10.125V18	125	81	108	180 kg
60.10.150V18	150	131	133	180 kg
60.10.175V18	175	131	158	180 kg
60.10.200V18	200	181	183	180 kg
60.10.250V18	250	181	233	180 kg
60.10.300V18	300	181	283	180 kg
60.10.30V18CNC	300	81	283	180 kg
60.10.40V18CNC	400	81	383	180 kg

# 900 x 600 mm (W x D) with full pull-out 100 % - 300 kg



Item no.	Front height	Shell height	Usable height	Load capacity
60.10.200V30	200	181	183	300 kg
60.10.250V30	250	181	233	300 kg
60.10.300V30	300	181	283	300 kg

id: R 12-14 R 24-12 R 12-16 R 18-16 R 24-16 R 36-16 R 18-24 R 24-24 R <mark>36-24</mark> R 48-24

### 1005 x 736 x 719 mm (W x D x H)

- Welded sheet steel construction
- Housing: powder-coated
- Central locking
- Drawers with full pull-out (FP) 100%
- Drawers with 50 mm front height: load capacity 70 kg; drawers from 75 mm front height: load capacity 100 kg
- Drawer guides on ball-bearings
- Individual pull-out lock
- Individual locking per drawer possible
- Handle bars with insertable labelling strip
- Drawer front height: 50, 75, 100, 125, 150, 175, 200, 250, 300, 400 mm
- Usable drawer dimension: 900 x 600 mm
- Individual arrangements with 180 and 300 kg load capacity see page 84/85



#### Drawer soft close

- Possible from front height 75 mm
- When placing your order, please indicate the desired number of drawers with soft close.
- The specified price is understood as a surcharge per drawer.
- Retrofitting on existing drawers is not possible.
- Please note! When opening the drawer, it must stay open for at least 5 seconds because of the soft close cylinder; otherwise the soft close mechanism will be damaged. Perfect functioning is then no longer quaranteed.

Item no.	Use from FH/load capacity
60.100.SC	75 mm - 100 kg



■ 4x drawer

Item no.	
170/0040V10	



■ 5x drawer

Item no.	-	_	
170/0320V10			



5x drawer

Item no. 170/1112V10



■ 6x drawer

Item no. 170/2220V10



6x drawer

Item no. 170/0600V10



■ 7x drawer

Item no. 170/4210V10 R 36-24 **Drawer cabinets** 

### **1005 x 736 x 819 mm** (W x D x H)

- Welded sheet steel construction
- Housing: powder-coated
- Central locking
- Drawers with full pull-out (FP) 100%
- Drawers with 50 mm front height: load capacity 70 kg; drawers from 75 mm front height: load capacity 100 kg
- Drawer guides on ball-bearings
- Individual pull-out lock
- Individual locking per drawer possible
- Handle bars with insertable labelling strip
- Drawer front height: 50, 75, 100, 125, 150, 175, 200, 250, 300, 400 mm
- Usable drawer dimension: 900 x 600 mm
- Individual arrangements with 180 and 300 kg load capacity see page 84/85



Equip your drawer cabinet with an E-lock. More information can be found on page 110

Suitable divider material can be found on page 91



■ 5x drawer

180/0221V10



6x drawer

180/2040V10



6x drawer

180/2121V10



7x drawer

Item no. 180/3211V10



■ 7x drawer

180/22111V10



8x drawer

180/4310V10

R 24-16 R 36-16 R 18-24 R 24-24 R 36-24 R 12-14 R 24-12 R 12-16 R 18-16 R 48-24

# 1005 x 736 x 1019 mm (W x D x H)

- Welded sheet steel construction
- Housing: powder-coated
- Central locking
- Drawers with full pull-out (FP) 100%
- Drawers with 50 mm front height: load capacity 70 kg; drawers from 75 mm front height: load capacity 100 kg
- Drawer guides on ball-bearings
- Individual pull-out lock
- Individual locking per drawer possible
- Handle bars with insertable labelling strip
- Drawer front height: 50, 75, 100, 125, 150, 175, 200, 250, 300, 400 mm
- Usable drawer dimension: 900 x 600 mm
- Individual arrangements with 180 and 300 kg load capacity see page 84/85



#### Drawer soft close

- Possible from front height 75 mm
- When placing your order, please indicate the desired number of drawers with soft close.
- The specified price is understood as a surcharge per drawer.
- Retrofitting on existing drawers is not possible.
- Please note! When opening the drawer, it must stay open for at least 5 seconds because of the soft close cylinder; otherwise the soft close mechanism will be damaged. Perfect functioning is then no longer guaranteed.

Item no.	Use from FH/load capacity
60.100.SC	75 mm - 100 kg



6x drawer

100/0213V10



■ 7x drawer

100/1231V10

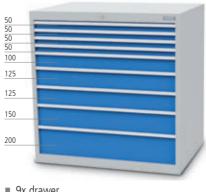


8x drawer

100/2141V10



100/4221V10



9x drawer

100/4311V10



■ 10x drawer

100/22510V10

R 36-24 **Drawer cabinets** 

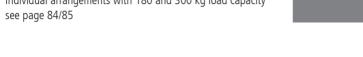
### **1005 x 736 x 1319 mm** (W x D x H)

- Welded sheet steel construction
- Housing: powder-coated
- Central locking
- Drawers with full pull-out (FP) 100%
- Drawers with 50 mm front height, load capacity 70 kg Drawers from 75 mm front height, load capacity 100 kg
- Drawer guides on ball-bearings
- Individual pull-out lock
- Individual locking per drawer possible
- Handle bars with insertable labelling strip
- Drawer front height: 50, 75, 100, 125, 150, 175, 200, 250, 300, 400 mm
- Usable drawer dimension: 900 x 600 mm
- Individual arrangements with 180 and 300 kg load capacity



Equip your drawer cabinet with an E-lock. More information can be found on page 110

Suitable divider material can be found on page 91







Item no. 113/0323V10



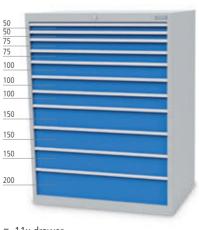
■ 9x drawer

113/2223V10



■ 10x drawer

113/3331V10



■ 11x drawer

Item no. 113/22331V10



■ 11x drawer

113/2423V10



■ 13x drawer

113/42511V10

Grid: R 12-14 R 24-12 R 12-16 R 18-16 R 24-16 R 36-16 R 18-24 R 24-24 R 36-24 R 48-24

# 1005 x 736 x 1519 mm (W x D x H)

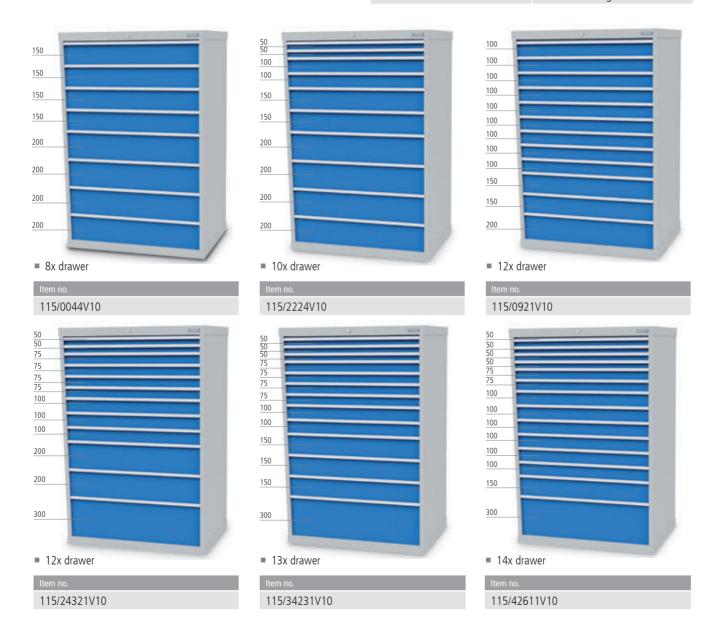
- Welded sheet steel construction
- Housing: powder-coated
- Central locking
- Drawers with full pull-out (FP) 100%
- Drawers with 50 mm front height, load capacity 70 kg
   Drawers from 75 mm front height, load capacity 100 kg
- Drawer guides on ball-bearings
- Individual pull-out lock
- Individual locking per drawer possible
- Handle bars with insertable labelling strip
- Drawer front height: 50, 75, 100, 125, 150, 175, 200, 250, 300, 400 mm
- Usable drawer dimension: 900 x 600 mm
- Individual arrangements with 180 and 300 kg load capacity see page 106/107



#### Drawer soft close

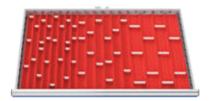
- Possible from front height 75 mm
- When placing your order, please indicate the desired number of drawers with soft close.
- The specified price is understood as a surcharge per drawer.
- Retrofitting on existing drawers is not possible.
- Please note! When opening the drawer, it must stay open for at least 5 seconds because of the soft close cylinder; otherwise the soft close mechanism will be damaged. Perfect functioning is then no longer guaranteed.

Item no.	Use from FH/load capacity
60.100.SC	75 mm - 100 kg



R 36-24 Drawer cabinets

# Drawer inserts | ABS



#### Trough plates | 71 parts

- 8x TP with 4 troughs
- 8x TP with 3 troughs
- 8x TP with 2 troughs
- 23x SDIV for 4 troughs
- 14x SDIV for 3 troughs
- 10x SDIV for 2 troughs

Item no.	Front height in mm
150	50/75



#### Metal divider | 5 parts

- 2x CCR 600 mm
- 3x DIV 300 mm

Item no.	Front height in mm
155BLH75	75
155BLH100	100/125
155BLH150	150/175
155BLH200	200/250/300



#### Small parts boxes | 40 parts

- 16x SPB 150 x 150 mm
- 8x SPB 75 x 150 mm
- 16x SPB 75 x 75 mm

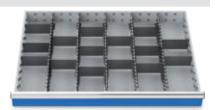
Item no.	Front height in mm
159BLH50	50
159BLH75	75
159BLH100	100/125



#### Metal divider | 24 parts

- 4x CCR 600 mm
- 16x DIV 150 mm
- 4x DIV 300 mm

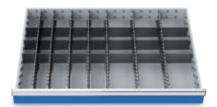
Item no.	Front height in mm
171BLH75	75
171BLH100	100/125
171BLH150	150/175
171BLH200	200/250/300



#### Metal divider | 20 parts

- 5x CCR 600 mm
- 15x DIV 150 mm

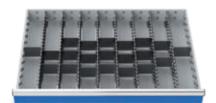
Item no.	Front height in mm
153BLH50	50
153BLH75	75
153BLH100	100/125
153BLH150	150/175
153BLH200	200/300



#### Metal divider | 31 parts

- 7x CCR 600 mm
- 6x DIV 75 mm
- 9x DIV 100 mm
- 9x DIV 150 mm

Item no.	Front height in mm
172BLH50	50
172BLH75	75
172BLH100	100/125
172BLH150	150/175
172BLH200	200/250/300



#### Metal divider | 29 parts

- 8x CCR 600 mm
- 21x DIV 100 mm

Item no.	Front height in mm
161BLH50	50
161BLH75	75
161BLH100	100/125
161BLH150	150/175
161BLH200	200/250/300



#### Metal divider | 10 parts

- 2x CCR 600 mm
- 8x DIV 300 mm

Item no.	Front height in mm
166BLH75	75
166BLH100	100/125
166BLH150	150/175
166BLH200	200/250/300



#### Metal divider | 15 parts

- 3x CCR 600 mm
- 9x DIV 200 mm
- 3x DIV 300 mm

Item no.	Front height in mm
170BLH75	75
170BLH100	100/125
170BLH150	150/175
170BLH200	200/250/300

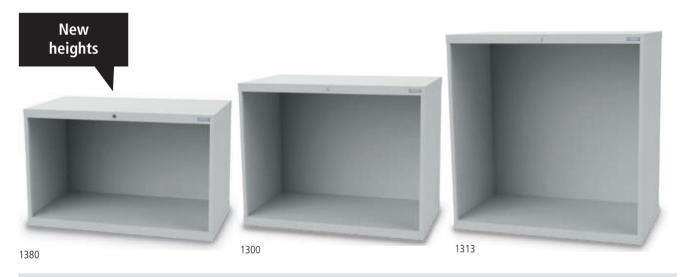
CCR = Centre compartment rails, DIV = Divider, SPB = Small Parts Box, TP = Trough Plate, SDIV = Slot-in divider

Grid: R 12-14 R 24-12 R 12-16 R 18-16 R 24-16 R 36-16 R 18-24 R 24-24 R 36-24 R 48-24



Usable height 700 to 1400 mm Example: Usable height 700 mm Item no. 1380 Number of drawers (front height) Example: 5 drawers Usable height 700 mm Complete order example: Item no. 1380 + 2x 60.13.100V18 2x 60.13.150V18 1x 60.13.200V18

# Housing including locking system, cylinder lock and two keys



# Housing incl. cylinder lock

### Total height = usable height + 119 mm

Item no.	Dimensions in mm (WxDxH)	Usable height in mm
1350	1305 x 736 x 519	400
1360	1305 x 736 x 619	500
1370	1305 x 736 x 719	600
1380	1305 x 736 x 819	700
1390	1305 x 736 x 919	800
1300	1305 x 736 x 1019	900
1311	1305 x 736 x 1119	1000
1312	1305 x 736 x 1219	1100
1313	1305 x 736 x 1319	1200
1314	1305 x 736 x 1419	1300
1315	1305 x 736 x 1519	1400

R 48-24 Drawer cabinets



# Drawers R 48-24 incl. rails



### Width 1200 x 600 with full pull-out 100 %



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Item no.	Front height	Shell height	Usable height	Load capacity
60.13.075V10	75	56	58	100 kg
60.13.100V18	100	81	83	180 kg
60.13.125V18	125	81	108	180 kg
60.13.150V18	150	131	133	180 kg
60.13.175V18	175	131	158	180 kg
60.13.200V18	200	181	183	180 kg
60.13.250V18	250	181	233	180 kg

Drawers with load capacity 300 kg on request.



Grid: R 12-14 R 24-12 R 12-16 R 18-16 R 24-16 R 36-16 R 18-24 R 24-24 R 36-24 R 48-24

### 1305 x 736 x 819 mm (W x D x H)

- Welded sheet steel construction
- Housing: powder-coated
- Central locking
- Drawers with full pull-out (FP) 100%
- Drawers with 75 mm front height: load capacity 100 kg; drawers from 100 mm front height: load capacity 180 kg
- Drawer guides on ball-bearings
- Individual pull-out lock
- Individual locking per drawer possible
- Handle bars with insertable labelling strip
- Drawer front height: 75, 100, 125, 150, 175, 200, 250 mm
- Usable drawer dimension: 1200 x 600 mm
- Individual arrangements with 180 kg load capacity see page 92/93



#### Drawer soft close

- Possible from front height 75 mm
- When placing your order, please indicate the desired number of drawers with soft close.
- The specified price is understood as a surcharge per drawer.
- Retrofitting on existing drawers is not possible.
- Please note! When opening the drawer, it must stay open for at least 5 seconds because of the soft close cylinder; otherwise the soft close mechanism will be damaged. Perfect functioning is then no longer quaranteed.

Item no.	Use from FH/load capacity
60.100.SC	75 mm - 100 kg



■ 5x drawer

Item no.	
1380/0221V18	



■ 6x drawer

Item no.	
1380/0420V18	



Item no.	
1380/2211V18	



7 X GIGV

1380/0700V18

R 48-24 Drawer cabinets

### **1305 x 736 x 1019 mm** (W x D x H)

- Welded sheet steel construction
- Housing: powder-coated
- Central locking
- Drawers with full pull-out (FP) 100%
- Drawers with 75 mm front height, load capacity 100 kg
   Drawers from 100 mm front height, load capacity 180 kg
- Drawer guides on ball-bearings
- Individual pull-out lock
- Individual locking per drawer possible
- Handle bars with insertable labelling strip
- Drawer front height: 75, 100, 125, 150, 175, 200, 250 mm
- Usable drawer dimension: 1200 x 600 mm
- Individual arrangements with 180 kg load capacity see page 92/93

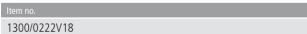


Equip your drawer cabinet with an E-lock. More information can be found on page 110

Suitable divider material can be found on page 87



• ox urawer





Item no. 1300/2131V18



■ 6x drawer

Item no. 1300/1122V18



Item no.

1300/0900V18

Grid: R 12-14 R 24-12 R 12-16 R 18-16 R 24-16 R 36-16 R 18-24 R 24-24 R 36-24 R 48-24

### 1305 x 736 x 1319 mm (W x D x H)

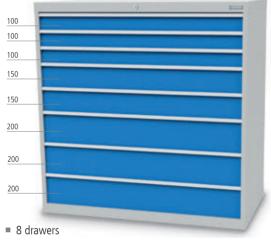
- Welded sheet steel construction
- Housing: powder-coated
- Central locking
- Drawers with full pull-out (FP) 100%
- Drawers with 75 mm front height, load capacity 100 kg
   Drawers from 100 mm front height, load capacity 180 kg
- Drawer guides on ball-bearings
- Individual pull-out lock
- Individual locking per drawer possible
- Handle bars with insertable labelling strip
- Drawer front height: 75, 100, 125, 150, 175, 200, 250 mm
- Usable drawer dimension: 1200 x 600 mm
- Individual arrangements with 180 kg load capacity see page 92/93



#### Drawer soft close

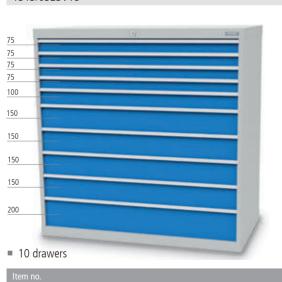
- Possible from front height 75 mm
- When placing your order, please indicate the desired number of drawers with soft close.
- The specified price is understood as a surcharge per drawer.
- Retrofitting on existing drawers is not possible.
- Please note! When opening the drawer, it must stay open for at least 5 seconds because of the soft close cylinder; otherwise the soft close mechanism will be damaged. Perfect functioning is then no longer quaranteed.

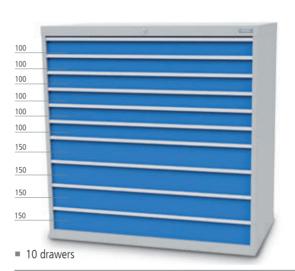
Item no.	Use from FH/load capacity
60.100.SC	75 mm - 100 kg



Item no.

#### 1313/0323V18





Item no. 1313/0640V18



Item no.

1313/0120V18

1313/4141V18

R 48-24 **Drawer cabinets** 

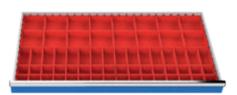
# Drawer inserts | ABS and galvanised sheet steel





- 16x SPB 150 x 150 mm
- 32x SPB 75 x 150 mm

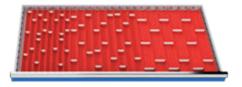
Item no.	Front height in mm
182BLH75	75
182BLH100	100/125



#### Small parts boxes | 64 parts

- 16x SPB 150 x 150 mm
- 16x SPB 75 x 150 mm
- 32x SPB 75 x 75 mm

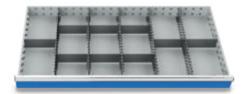
Item no.	Front height in mm
181BLH75	75
181BLH100	100/125



#### Trough plates | 91 parts

- 8x TP with 4 troughs
- 12x TP with 3 troughs
- 12x TP with 2 troughs
- 23x SDIV for 4 troughs ■ 21x SDIV for 3 troughs
- 15x SDIV for 2 troughs

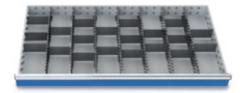
Item no.	Front height in mm
180BI H75	75



#### Metal divider | 14 parts

- 5x CCR 600 mm
- 9x DIV 200 mm

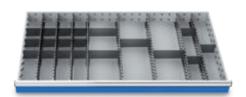
Item no.	Front height in mm
185BLH75	75
185BLH100	100/125
185BLH150	150
185BLH200	200/250



#### Metal divider | 27 parts

- 7x CCR 600 mm
- 20x DIV 150 mm

Item no.	Front height in mm
184BLH75	75
184BLH100	100/125
184BLH150	150
184BLH200	200/250



# Metal divider | 27 parts

- 8x CCR 600 mm
- 4x DIV 200 mm
- 15x DIV 100 mm

Item no.	Front height in mm
183BLH75	75
183BLH100	100/125
183BLH150	150
183BLH200	200/250

CCR = Centre compartment rails, DIV = Divider, SPB = Small Parts Box, TP = Trough Plate, SDIV = Slot-in divider

# Individual equipment

Grid: R 12-14 R 24-12 R 12-16 R 18-16 R 24-16 R 36-16 R 18-24 R 24-24 R 36-24 R 48-24

#### Insertable labelling strip

- Fold up transparent panel and insert label. Press panel down again.
- Labelling strip and transparent cover kit
- Height 20 mm

Item no.	Designation
01.050.007-1	R 18-24
01.070.007-1	R 24-24
01.100.007-1	R 36-24
01.130.007-1	R 48-24



# Divider elements, galvanised sheet steel

- Metal divider elements made from galvanised high-quality sheet metal
- Fine subdivision on the grid 25:25 mm

Metal divider, to be fixed between the drawer side and a slotted through or between 2 slotted throughs





#### Centre compartment rail

Item no.	Front in mm	WxD in mm
20.600.030	50	600 x 30
20.600.050	75	600 x 50
20.600.075	100	600 x 75
20.600.125	150	600 x 125
20.600.175	200-300	600 x 175

# bedrunka+hirth





#### Divider

Front 50 mm

Item no.	WxD in mm
30.050.30	50 x 30
30.075.30	75 x 30
30.100.30	100 x 30
30.150.30	150 x 30
30.200.30	200 x 30
30.225.30	225 x 30
30.300.30	300 x 30



#### Divider

Front 75 mm

Item no.	WxD in mm
30.050.050	50 x 50
30.075.050	75 x 50
30.100.050	100 x 50
30.150.050	150 x 50
30.200.050	200 x 50
30.225.050	225 x 50
30.300.050	300 x 50



#### Divider

Front 100 mm

Item no.	WxD in mm
30.050.075	50 x 75
30.075.075	75 x 75
30.100.075	100 x 75
30.150.075	150 x 75
30.200.075	200 x 75
30.225.075	225 x 75
30.300.075	300 x 75



#### Divider

Front 150 mm

Item no.	WxD in mm
30.050.125	50 x 125
30.075.125	75 x 125
30.100.125	100 x 125
30.150.125	150 x 125
30.200.125	200 x 125
30.225.125	225 x 125
30.250.125	250 x 125
30.300.125	300 x 125



Front 200, 250, 300 mm

Item no.	WxD in mm
30.075.175	75 x 175
30.100.175	100 x 175
30.125.175	125 x 175
30.150.175	150 x 175
30.200.175	200 x 175
30.225.175	225 x 175
30.250.175	250 x 175
30.300.175	300 x 175
30.400.175	400 x 175
30.200.175 30.225.175 30.250.175 30.300.175	200 x 175 225 x 175 250 x 175 300 x 175

Other sizes on request

# Accessories and spare parts Depth 500 mm and depth 736 mm

Grid: R 12-14 R 24-12 R 12-16 R 18-16 R 24-16 R 36-16 R 18-24 R 24-24 R 36-24 R 48-24

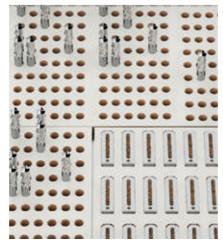
### **MDF** tool boards

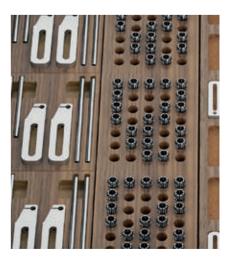
- With the tool boards, you create order and a clear overview when storage of your tools.
- Quickly to hand and sorted according to size, the MDF tool boards make work easier.
- Ready for use with cabinet widths 555, 705 and 1005 mm.
- Possible for the following drawer front heights 100, 150, 200, 250, 300 mm
- Tool boards available in MDF (medium density fibreboard) In two synthetic resin decor coatings; white and walnut
- Due to the upright storage in the individual tool places, damage to expensive damage to expensive carbide milling tools is avoided
- No unprotected tool cutting edges lying next to each other
- Special solutions, as well as individually manufactured solutions possible
- Examples: Compression and tension collets, holders for eroding machines erosion machines, turning steels, workpiece clamping devices, hand tools, measuring equipment!



Upon submission of an original sample, additional shapes can be produced individually.







# **Individual equipment T736 series**







#### Hinged doors | cabinet width 555 und 705 mm, hinge left

■ Hinged doors with twist lock cylinder lock and 2 keys

Item no.	Grid	Design	for usable height
01.050.700EL	R 18-24	one door	700 mm
01.070.700EL	R 24-24	one door	700 mm
01.050.800EL	R 18-24	one door	800 mm
01.070.800EL	R 24-24	one door	800 mm
01.050.900EL	R 18-24	one door	900 mm
01.070.900EL	R 24-24	one door	900 mm

# Hinged doors | cabinet width 555 und 705 mm, hinge right

■ Hinged doors with twist lock cylinder lock and 2 keys

Item no.	Grid	Design	for usable height
01.050.700ER	R 18-24	one door	700 mm
01.070.700ER	R 24-24	one door	700 mm
01.050.800ER	R 18-24	one door	800 mm
01.070.800ER	R 24-24	one door	800 mm
01.050.900ER	R 18-24	one door	900 mm
01.070.900ER	R 24-24	one door	900 mm

#### Double doors | cabinet width 1005 mm

Hinged doors with twist lock cylinder lock and 2 keys

Item no.	Grid	Design	for usable height
01.100.700E	R 36-24	two doors	700 mm
01.100.800E	R 36-24	two doors	800 mm
01.100.900E	R 36-24	two doors	900 mm

#### Double doors | cabinet width 1305 mm

■ Hinged doors with twist lock cylinder lock and 2 keys

Item no.	Grid	Design	for usable height
01.130.700E	R 48-24	two doors	700 mm
01.130.800E	R 48-24	two doors	800 mm
01.130.900E	R 48-24	two doors	900 mm

# Metal cover upon double doors vor cabinet width 1005 and 1305 mm

- For a cabinet with drawers on top and doors below a metal cover will be fixed upon the doors.
- The using height is reduced by 100 mm

Item no.	Grid
01.100.BLFL	R 36-24
01.130.BLFL	R 48-24

# Individual equipment

Grid: R 12-14 R 24-12 R 12-16 R 18-16 R 24-16 R 36-16 R 18-24 R 24-24 R 36-24 R 48-24



#### Ribbed rubber mat on cabinet

Oil-proof

Item no.	Dimensions in mm (WxDxH)
65.050.730	555 x 736 x 3
65.070.730	705 x 736 x 3
65.100.730	1005 x 736 x 3
65.130.730	1305 x 736 x 3



#### Ribbed rubber insert for drawer

- Oil-proof
- Smooth closing of the drawer also in connection with metal drawer subdivision

Item no.	Dimensions in mm (WxDxH)
120	450 x 600 x 3
140	600 x 600 x 3
160	900 x 600 x 3
186	1200 x 600 x 3



#### **Cover plate**

■ Beech multiplex, oiled

Item no.	Dimensions in mm (WxDxH)
67.050.017	555 x 736 x 25
67.070.017	705 x 736 x 25
67.100.017	1005 x 736 x 25
67.130.017	1305 x 736 x 25



#### **Cover plate**

- Melamine resin coated chipboard
- **RAL** 7035
- 19 mm, screwable

Item no.	Dimensions in mm (WxDxH)
67.050.016	555 x 736 x 19
67.070.016	705 x 736 x 19
67.100.016	1005 x 736 x 19
67.130.016	1305 x 736 x 19





### Shelf

Item no.	Dimensions in mm (WxDxH)
01.050.013	497 x 685 x 40
01.070.013	647 x 685 x 40
01.100.013	947 x 685 x 40
01 130 013	1247 x 685 x 40

### Metal roll-off edge on 3 sides

■ 20 mm height

Item no.	Dimensions in mm (WxDxH)
66.050.025	555 x 736 x 20
66.070.025	705 x 736 x 20
66.100.025	1005 x 736 x 20
66.130.025	1305 x 736 x 20



#### Non-slip mat secures tools

- Insert for drawer
- Smooth closing of the drawer also in connection with metal drawer subdivision

Item no.	Dimensions in mm (WxDxH)
65.051.731	450 x 600 x 3
65.071.731	600 x 600 x 3
65.101.731	900 x 600 x 3
65.131.731	1200 x 600 x 3



#### Shelf pull-out

■ Full pull-out 100 %, load capacity 100 kg

Item no.	Grid
60.050.AZ VA	R 18-24
60.070.AZ VA	R 24-24
60.100.AZ VA	R 36-24
60.130.AZ VA	R 48-24



# Lift truck base

Cover plate front and rear

Item no.	Dimensions in mm (WxDxH)
01.050.012	555 x 736 x 112
01.070.012	705 x 736 x 112
01.100.012	1005 x 736 x 112
01.130.012	1305 x 736 x 112





#### Soft PVC workbench coverings

- Transparent
- Bluish

Item no.	Dimensions in mm (WxDxH)
015557364TRA	555 x 736 x 4
017057364TRA	705 x 736 x 4
011057364TRA	1005 x 736 x 4
011307364TRA	1305 x 736 x 4





#### Machine feet for drawer cabinets

- Load capacity 1200 kg
- plate Ø 50 mm
- Base made of polished and chrome-plated sheet steel
- Easy height adjustment with vibration damping

Item no.	Packaging unit
01.ASF50-M8	Set with 4 pieces



#### Mobile addition

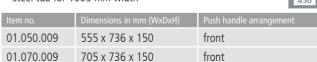
01.100.009

- 2x plastic push handle
- With 2 fixed and 2 steering casters Ø 125 mm, of which 2 with locks

1005 x 736 x 150

- Steel plate for 555 mm and 705 mm width
- Steel tub for 1005 mm width





front

# Accessories and spare parts Depth 500 mm and depth 736 mm

R 12-14

R 24-12

R 12-16 R 18-16

R 24-16

R 36-16

R 18-24

R 24-24

R 36-24

R 48-24

### For all series

The drawer inserts are made from high-grade plastic and can be inserted into the drawer using the modular principle.

The trough plates and small parts boxes can be inserted lengthwise and widthwise. Basic grid 150 x 150 mm. Material ABS.



# Trough plates 150 x 150 x 30 mm



■ With 2 troughs 70 mm

Item no.	Packaging unit
50.002.070	1
50002070SE	4



■ With 3 troughs 46 mm

Item no.	Packaging unit
50.003.046	1
50003046SE	4



■ With 4 troughs 34 mm

Item no.	Packaging unit
50.004.034	1
50004034SE	4

# Trough dividers including labelling strip



- For 1x trough
- Wide 68 mm

Item no.	Packaging unit
51.002.070	1
51002070SF	10



- For 3x trough
- Wide 44 mm

Item no.	Packaging unit
51.003.046	1
51003046SE	20



- For 4x trough
- Wide 32 mm

Item no.	Packaging unit
51.004.034	1
51004034SE	20

# **Spacer bars**

Spacer bars are used to secure the plastic subdivision per drawer. Sizes that are not indicated do not require spacer bars.

Snacer hars for trough plates

spacer bars for trough places	
Item no.	Usable drawer dimension
50.500.MP	450 x 600 mm
50.700.MP	600 x 600 mm
50.100.MP	900 x 600 mm





Drawer cabinets





# Small parts boxes including labelling strip



Front 50 mm

150 x 150 x 28 mm

Item no.	Packaging unit
53.150.150.30	1
5315015030SE	4



Front 50 mm
■ 150 x 75 x 28 mm

Item no.	Packaging unit
53.150.075.30	1
5315007530SE	8



Front 50 mm
■ 75 x 75 x 28 mm

Item no.	Packaging unit
53.075.075.30	1
5307507530SE	16



Front 75 mm

150 x 150 x 52 mm

Item no.	Packaging unit
52.150.150	1
52150150SE	4



Front 75 mm

150 x 75 x 52 mm

Item no.	Packaging unit
52.150.075	1
52150075SE	8



Front 75 mm
■ 75 x 75 x 52 mm

Item no.	Packaging unit
52.075.075	1
52075075SE	16



Front 100 mm

150 x 150 x 66 mm

Item no.	Packaging unit
53.150.150.65	1
5315015065SE	Δ



Front 100 mm ■ 150 x 75 x 66 mm

Item no.	Packaging unit
53.150.075.65	1
5315007565SE	8



Front 100 mm

75 x 75 x 66 mm

Item no.	Packaging unit
53.075.075.65	1
5307507565SE	16

# **Spacer bars**

Spacer bars are used to secure the plastic subdivision per drawer Sizes that are not indicated do not require spacer bars.

For small parts box front 50

50.700.KTK1	600 x 600 mm
50.100.KTK1	900 x 600 mm

For small parts box front 100

Tor sman parts	DOX HOLLE TOO
50.700.KTK2	600 x 600 mm
50.100.KTK2	900 x 600 mm

# **Accessories and spare parts**

Grid: R 12-14 R 24-12 R 12-16 R 18-16 R 24-16 R 36-16 R 18-24 R 24-24 R 36-24 R 48-24

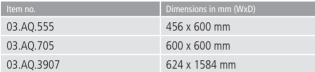
#### Aqurado ABS drawer divider

Create order according to the 5S method and organise your workplace more effectively. Well-structured workplace organisation improves work efficiency, reduces search times and thus increases productivity.

#### Concept:

- Selecting
- Sorting
- Cleaning
- Standardise
- Self-discipline

#### **Textured mat**







Item no.	03.AQ-0100	03.AQ-0101	03.AQ-0112	03.AQ-0122	03.AQ-0104	03.AQ-0110
Dimensions in mm (WxDxH)	96 x 48 x 24	96 x 96 x 24	96 x 144 x 24	72 x 192 x 24	96 x 192 x 24	96 x 288 x 24
Internal dimensions in mm	37 x 85 x 18	85 x 85 x 18	85 x 133 x 18	62 x 181 x 18	85 x 151 x 18	85 x 277 x 18



Item no.	03.AQ-0105	03.AQ-0111	03.AQ-0121	03.AQ-0106	03.AQ-0107	03.AQ-0108
Dimensions in mm (WxDxH)	96 x 96 x 48	96 x 144 x 48	72 x 192 x 48	96 x 192 x 48	96 x 240 x 48	96 x 288 x 48
Internal dimensions in mm (WxDxH)	85 x 85 x 42	85 x 133 x 42	62 x 182 x 42	85 x 181 x 42	85 x 229 x 42	85 x 277 x 42



Item no.	03.AQ-0109	03.AQ-0116	03.AQ-0117	03.AQ-0114	03.AQ-0115
Dimensions in mm (WxDxH)	96 x 336 x 48	144 x 144 x 48	144 x 192 x 48	144 x 384 x 48	240 x 336 x 48
Internal dimensions in mm (WxDxH)	85 x 325 x 42	133 x 133 x 42	133 x 181 x 42	133 x 373 x 42	229 x 325 x 42

# New









Item no.
Dimensions in mm (WxDxH)
Collet module

03.AQ-2118	
144 x 144 x 48	
For 10 x collets ER16	

03.AQ-2119 288 x 96 x 48 For 16 x collets ER25

03.AQ-2120 288 x 96 x 48 For 12 x collets ER32

03.AQ-2122 336 x 96 x 48 For 13 x collets ER40











Item no.
Dimensions in mm (WxDxH)
Internal dimensions/trough

3 troughs	2 troughs
03.AQ-0102	03.AQ-01
192 x 96 x 24	96 x 288
24 x 181 x 18	40 x 277

S	8 troughs
103	03.AQ-0113
x 24	144 x 192 x 24
x 18	132 x 22 x 18

End piece, 1 trough for length adaptation 03.AQ-1118 48 x 73 x 24 Trough 37

End piece, 1 trough for length adaptation 03.AQ-1122 72 x 92 x 24

Trough 62

for length adaptation 03.AQ-1119 96 x 96 x 24 Trough 85

End piece, 1 trough









	4/5/6/8/1
Item no.	03.AQ-2112
Dimensions in mm (WxDxH)	96 x 288 x 24

2 / 2.5 / 3 /
4/5/6/8/10
03.AQ-2112
06 200 24

Allen key box 1.5 / 2 / 2.5 / 3 / 4 / 5 / 6 / 8 / 10	Calliper gauge box up to measuring range 150
03.AQ-2112	03.AQ-2113
96 x 288 x 24	96 x 288 x 24

x, Twist drill box, 1.0 - 6.0 0.1 increasing 03.AQ-2115 144 x 144 x 48

Twist drill box, 6.1 - 10 0.1 increasing 03.AQ-2116 144 x 192 x 48

Open-ended/ring spanners 12 spanners AF 4 - 24 03.AQ-2110 240 x 336 x 48

Double-ended ring spanners 8 spanners AF 6 - 24 03.AQ-2111 240 x 336 x 48









Dimensions in mm (WxDxH)

Screwdriver box, for 6	
screwdrivers	
03.AQ-2114	
144 x 384 x 48	

Socket key box
for 22 pieces
AF 10 - 32
03.AQ-2123
144 x 384 x 48

1/2,

Multimedia box
for 11 CDs
03.AQ-2117
144 x 192 x 48

Adhesive pads PU 34 pieces not shown
03.AQ-4103

Label plate, vertical
03.AQ-4104
13 x 45

Label plate, horizontal 03.AQ-4105 15 x 48

# **Individual equipment**

R 24-12 R 12-16 R 18-16 R 12-14 R 24-16 R 36-16

R 18-24 R 24-24 R 36-24 R 48-24

# Individual equipment

- Drawer cabinet R 24-24
- Full pull-out 100 %, load capacity 100 kg per drawer





■ 7 drawers

Item no.	Dimensions in mm (WxDxH)
700/0421V10	705 x 736 x 1019



- 2 colours: blue 5 mm
- Black: 20 mm height

Item no.	LxW in mm	
08.90.10	600 x 300	
08.90.11	600 x 400	
08.90.45.60	450 x 600	
08.90.60.60	600 x 600	
08.90.90.60	900 x 600	



Cutting tool, narrow, 20 mm

Item no.		
08.90.02		



Cutting tool, semi-circular, 20 x 20 mm

Item no.
08.90.03



Cutting tool, wide, 50 mm

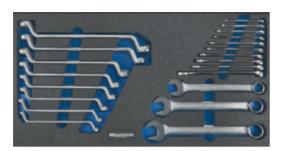
Item no.
08.90.01

**Drawer cabinets** 

Detailed description from page 471

### Tool sets 565 x 300 mm



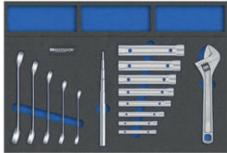


### Key set, 21 pcs

Item no.

08.88.204

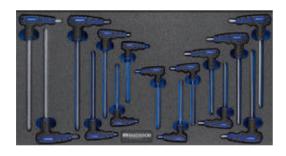




Tool set, pipe socket and open-ended double ring spanner set 15 pcs.

Item no

08.88.207



### Set of T-handle screwdrivers, 15 pcs

Item no.

08.88.200



### Set of pliers/screwdrivers, 14 pcs

Item n

08.88.206



### Set of hammers, files, chisels and saws, 16 pcs

Item no.

08.88.203



### Set of 1/4"-12" socket keys, 71 pcs

rtem no.

08.88.205

# **Locking system**

Grid: R 12-14 R 24-12 R 12-16 R 18-16 R 24-16 R 36-16 R 18-24 R 24-24 R 36-24 R 48-24





### Mechanical locking

- Cylinder lock with 180° locking
- Handle lock for hinged doors with 90° locking
- Central locking
- Individual locking per drawer possible
- User-friendly operation
- Keyed alike or different locking versions possible



### Electronic locking Pin code

- Operation via keys
- Management with electronic keys
- 4-7 digit numerical code
- Emergency power supply via management key
- Horizontal alignment
- With 90° or 180 °closure



# Electronic locking RFID

- RFID standards: iClass and Mifare
- Management with electronic keys
- Emergency power supply via management key
- Horizontal alignment
- With 90° or 180 °closure



### Standard locking with one key

- Opening and closing by turning the key through 180° in the case of Drawers
- Opening and closing by turning the key 90° for hinged doors and hinged doors and single drawers
- Single, different or keyed alike as a locking system

### Possibilities:

- Access to any number of locks with one key
- Access to each lock with a different key

### Standard version with different locks

Only one specific locker can be opened with each lock

### Keyed alike

All locks have the same key

### Master key system

With one master key, lockers with different locking systems can be opened. lockings can be opened

### Mechanical locking

Mechanical locking				
Item no.	Description	version		
01.050.001	Cylinder lock with 2 x keys, 180° locking	different locking		
01.050.002	Cylinder lock with 2 x keys, 180° locking	keyed alike		
01.050.003	Key set of 2			
01.050.005B	Master key for locking system. When reordering, please state the year of purchase.			
03.785.001-1	Cylinder lock with 2 x keys, $90^{\circ}$ for single drawer recessed fitted	different locking	The Control of the Co	
04GSSGS-L-GK	Handle lock left with 2 x key 90° lock	keyed alike		
04GSSGS-R-GK	Handle lock right with 2 x key 90° lock	keyed alike	- N	
04GSSVS-L-GK	Handle lock left with 2 x key 90° lock	different locking		
04GSSVS-R-GK	Handle lock right with 2 x key 90° lock	different locking		

Locking system Drawer cabinets

### Key management of the e-locks

For programming the e-locks with pin code and RFID, one programming key is required per hall/plant facility.

This programming key is used to teach 1-6 management keys. The emergency power supply in case of disregard of the warning signals is possible with the programming key as well as with the management key.



The users are taught in with the help of the management key.
With the pin code lock, the user has the option of creating a 4-7-digit individual user code for himself.
With the RFID lock, the user learns his RFID chip or card.



### User key

Up to 20 users can be assigned per lock, more on request

### Management keys

Up to 6 management keys can be assigned per lock.

### **Programming key**

1 programming key is required per lock system









Application	User key	Management key	Programming key
Operation of the lock	X	X	Χ
General key function		X	Χ
Inspection function		X	Χ
External power supply		X	Χ
Allocation of management keys			Χ
Assign user key or transponder (only for personal use)		Χ	
Setting lock function			Χ

### **Accessories for e-locks**



### User key RFID card

 Up to 20 users can be assigned per lock, more on request

Item no.	
ML32RFIDK	



### User key chip

 Up to 20 users can be assigned per lock, more on request

Item no.	
ML32CHIP	



### Management key

 Up to 6 management keys can be management keys can be assigned

Item no.	
01ESCHLOSSVS	



### **Programming key**

1 programming key is required programming key is required

Item no.	
01ESCHLOSSPS	

Grid: R 12-14 R 24-12 R 12-16 R 18-16 R 24-16 R 36-16 R 18-24 R 24-24 R 36-24 R 48-24



Please note

To set up an e-lock, you need the key management in the form of the management key and the programming key.

### Pin code E-lock

The pin code e-lock can be opened with a 4-7 digit numerical code. The programming of the users and their pin codes is done by means of administration and programming keys.



- Lever mechanism
- Management with management and programming key
- Lock housing made entirely of steel
- Inlet mounting
- Rotation angle 90° or 180°
- Opening and closing by turning the knob
- Operation via buttons; management with electronic keys
- Emergency power supply via management key
- Surface finish: brushed nickel
- Horizontal alignment
- Vertical orientation for vertical pull-outs (MRS®)

### Technical data recessed lock

- Locking with a 4-7 digit numerical code
- Protection class IP55
- Power supply via 2x AAA batteries
- Dimensions (W x D x H): 105.17mm x 2.7mm x 29.57 mm (incl. knob 9.75mm)
- 2 years warranty

### Technical data surface-mounted lock (retrofitting)

- Locking with a 4-7 digit numerical code
- Protection class IP55
- Power supply via 2 x lithium batteries CR2450
- Dimensions (W x D x H): 133 mm x 31.5 mm x 20.4mm (incl. knob depth 7.7mm)
- 2 years warranty



Video Pin code E-lo



### Pin code E-lock

Item no.	Lock variant	
01PINSLEIN	Pin code E-lock 180° locking, recessed built-in (cannot be retrofitted)	
01PINSLAUF	Pin code E-lock 180° locking, surface-mounted (retrofittable)	
01PINSLEINZ	Pin code E-lock 90° for single drawer recessed fitted	1
01PINFLRE	Pin code E-lock hinged right for hinged door	 Aq.
01PINFLLI	Pin code E-lock hinged left for hinged door	
01PINFL2	Pin code E-lock for double wing door	





Please note

To set up an e-lock, you need the key management in the form of the management key and the programming key.

### **RFID E-lock**

The RFID e-lock can be opened with an RFID card or a chip. The programming of the locks is done by means of management and programming keys.



Video RFID E-loc

- Key or numerical code is replaced with RFID
- Lever mechanism
- Management with management and programming key
- Operation via RFID
- Inlet mounting
- Rotation angle 90° or 180°
- Opening and closing by turning the knob
- 4 x AA batteries; protection class IP55
- Emergency power supply via management key
- Housing made entirely of metal
- Surface finish: brushed nickel
- Horizontal alignment
- Vertical orientation for vertical pull-outs (MRS®)

### **Technical data recessed lock**

- Closure with RFID standards: iClass and Mifare (13.56 MHz) ISO 14443A - ISO 14443B - ISO 15693
- Protection class IP55
- Power supply via 4 x AA batteries
- Dimensions (W x D x H): 105.17mm x 2.7mm x 29.57 mm (incl. knob 9.75mm)
- 2 years warranty

### Technical data surface-mounted lock (retrofitting)

- Closure with RFID standards: iClass and Mifare (13.56 MHz)
   ISO 14443A ISO 14443B ISO 15693
- Protection class IP55
- Power supply via 4 x AA batteries
- Dimensions (W x D x H): 133 mm x 31.5 mm x 20.4 mm (incl. knob depth 7.7 mm)
- 2 years warranty



### RFID E-Lock

Item no.	Lock variant	
01RFIDSLEIN	RFID e-lock 180° locking, recessed built-in (cannot be retrofitted)	
01RFIDSLAUF	RFID e-lock 180° locking, fitted on top (can be retrofitted)	
01RFIDSLEINZ	RFID e-lock 90° for single drawer recessed built-in	6 [
01RFIDFLRE	RFID E-lock hinged right for hinged door	
01RFIDFLLI	RFID E-lock hinged left for hinged door	
01RFIDFL2	RFID e-lock for double wing door	



# MRS® Modular shelving system





The MRS® at a glance Page 116



1. Frames and walls Page 124



2. Shelves and dividers Page 126



3. Drawers Page 130



4. Vertical pull-outs Page 136



5. Accessories for vertical pull-outs Page 138



6. Hinged doors Page 140



Finished modules Page 144

# Modulares Regal System at a glance







# 6 steps to your MRS®

Example illustration. Other variants are possible!

### 1. Frames and walls

Select the required height and width of your drawer shelving and rear wall or diagonal cross-braces for stabilisation.

### 2. Shelves and dividers

In the 2nd step, you can select your shelves and dividers.

### 3. Drawers

Select the desired drawers or CNC drawers and if necessary divider materials. Electrical locking systems are also possible.

### 4. Vertical pull-outs

In the 4th step, you can select vertical pull-outs. These are ideal for heavy CNC tools.

### 5. Accessories for vertical pull-outs

Here you can obtain accessories such as shelves or perforated walls for vertical pull-outs. Give your MRS® the finishing touch.

### 6. Hinged doors

Are you still missing hinged doors? You can find these on/ from page 141

11	Side panel	Page 126	16	CNC half shelf
12	Drawers	Page 130	17	CNC suspension
13	Vertical pull-outs	Page 137	18	Hinged doors
14	Half shelf/vertical pull-out	Page 138	19	Fitted shelf
15	Perforated wall	Page 138		



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Page 127

# Modulares Regal System

The MRS® - modular shelving system - enables flexible interior design at all times. Drawers, shelves, vertical pull-outs, CNC storage systems and closed hinged door cabinets can be ideally integrated into a single product. The system offers three different heights.

The unique feature of the product is its individuality. Configure your drawer shelving as you require. Our extensive range of equipment and accessories offers you a large number of constructive alternatives for implementing highly diverse spatial planning economically. The drawer shelving can be subsequently extended and expanded with additional modules. It combines the advantages of a drawer cabinet with the advantages of shelving, thus creating a product that can be perfectly adapted to your requirements thanks to the optimal use of space. Not only can you use the MRS® as wall cabinet shelving, but also as a room divider.

We offer our customers complete support, from planning to installation.

# Precise visualisation of your draw shelving thanks to our planning programs

With a library containing all our products for the SketchUp drawing program, this planning program - along with the pCon drawing program - is the ideal design tool for fast, efficient, three-dimensional modelling and presentation.

Free, flexible designs are produced in no time at all in order to implement your requirements, layouts, size and colour choice with creativity and dynamism.

By building up our extensive library, we are in a position to visualise your ideas and suggestions quickly and easily in 3D.

Can you visualise what your modular shelving system could look like? Let us show you.





# New Heights

### Module height

Height in mm	Usable height in mm
1030	906
2030	1906
2430	2306
2830	2706

### **Usable drawer dimensions**

ı	Partition	Internal dimensions in mm	Grid
	700	600 x 600	R 24-24
	1000	900 x 600	R 36-24

### Module width

Partition	Usable width in mm	Depth in mm
700	651	733
1000	951	733



### **Locking system**





### Mechanical locking

- Cylinder lock with 180° locking
- Handle lock for hinged doors with 90° locking
- Central locking
- Individual locking per drawer possible
- User-friendly operation
- Keyed alike or different locking versions possible



# Electronic locking Pin code

- Operation via keys
- Management with electronic keys
- 4-7 digit numerical code
- Emergency power supply via management key
- Horizontal alignment
- With 90° or 180 °closure





# Electronic locking RFID

- RFID standards: iClass and Mifare
- Management with electronic keys
- Emergency power supply via management key
- Horizontal alignment
- With 90° or 180 °closure

### Lock 180° for drawer cabinet, recessed built-in | not retrofittable

Item no.	Description	
01.050.001	Cylinder lock	
01PINSLEIN	Pin code E-lock	10000000 1,
01RFIDSLEIN	RFID code E-lock	a t

### Lock 180° for drawer cabinet, fitted on top | retrofittable

Item no.	Description	
01PINSLAUF	Pin code E-lock	1000000 I,
01RFIDSLAUF	RFID code E-lock	a t

### Lock 90° for single drawer, recessed fitted

Item no.	Description	
03.785.001-1	Cylinder lock	The Control of the Co
01PINSLEINZ	Pin code E-lock	1000000 In
01RFIDSLEINZ	RFID code E-lock	

### Lock 90° for hinged door

Item no.	Description	
04GSSGS-L-GK	Handle lock left with 2 x key, keyed alike	
04GSSGS-R-GK	Grip lock right with 2 x key, keyed alike	
04GSSVS-L-GK	Handle lock on the left with 2 x key, keyed differently	
04GSSVS-R-GK	Grip lock on the right with 2 x key, different keyings	
01PINFLRE	Pin code E-lock hinged right for hinged door	[
01PINFLLI	Pin code E-lock hinged left for hinged door	
01PINFL2	Pin code E-lock for double wing door	19
01RFIDFLRE	RFID E-lock hinged right for hinged door	
01RFIDFLLI	RFID E-lock hinged left for hinged door	BELL
01RFIDFL2	RFID e-lock for double wing door	

### Lock 180° for vertical pull-out, recessed built-in







### User key

Up to 20 users can be assigned per lock, more on request

### Management keys

Up to 6 management keys can be assigned per lock.

### **Programming key**

1 programming key is required per lock system







Application	User key	Management key	Programming key
Operation of the lock	Χ	X	Χ
General key function		Χ	Χ
Inspection function		Χ	Χ
External power supply		Χ	Χ
Allocation of management keys			Χ
Assign user key or transponder (only for personal use)		Χ	
Setting lock function			Χ

### Accessories for e-locks



### User key RFID card

 Up to 20 users can be assigned per lock, more on request

Item no.	
ML32RFIDK	



### User key chip

 Up to 20 users can be assigned per lock, more on request

Item no.	
ML32CHIP	



### Management key

 Up to 6 management keys can be management keys can be assigned

Item no.	
01ESCHLOSSVS	



### **Programming key**

1 programming key is required programming key is required

Item no.	
01ESCHLOSSPS	

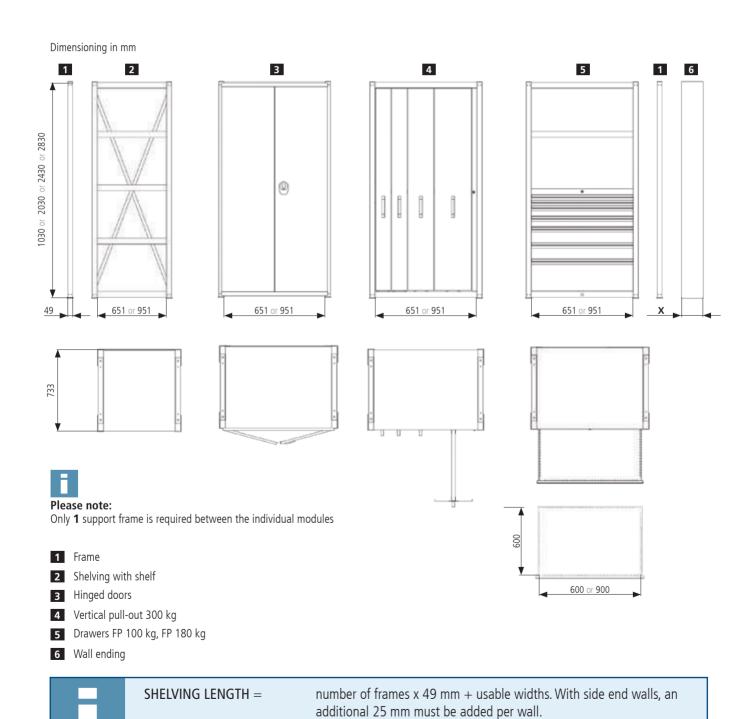
# **Individual solutions**

**MRS**® – the modular shelving system is designed in an endless construction.

Expand your furnishing requirements at any time. If they do not fit in exactly, we will offer you our wall endings as an individual solution. Contact us!

Thanks to its excellent workmanship and material quality, the MRS® is a long-term investment for your company.

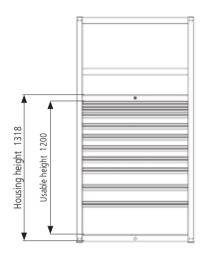
- Good price-performance ratio
- High flexibility
- High quality
- Order and structure
- Perfect detailed solutions
- Various RAL colours

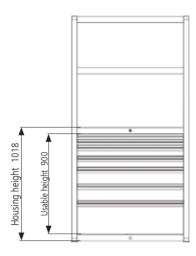


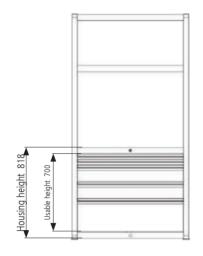
Wall length- SHELVING LENGTH

Wall ending  $\mathbf{X} =$ 

### Modular shelving system











### Please note:

The usable heights 1400, 1200, 900 and 700 correspond to the total height of fronts.

### Example:

Usable height 1400 

14 x 100 mm front height = 1400 mm total height of fronts

Usable height 1200 

12x 100 mm front height = 1200 mm total height of fronts

Usable height 900 

9x 100 mm front height = 900 mm total height of fronts

Usable height 700 

7x 100 mm front height = 700 mm total height of fronts







### Please note:

The usable widths 900 and 600 correspond to the total width of fronts.

### Example:

Usable width 900  $\longrightarrow$  2x 150, 1x 250, 1x 350 mm front width = 900 mm total width of fronts Usable width 600  $\longrightarrow$  1x 250, 1x 350 mm front width = 600 mm total width of fronts

# Frames and walls

# 1. Frames and walls



Select the required **height** and **width** of the shelf. For the usable width, you can choose between the two widths **651** mm and **951** mm. The support frame with perforations on both sides is used to hang base carriers and drawer rails in position. To achieve a stabilising effect, a divided rear panel made from high-quality steel sheet is bolted into place. Diagonal cross-braces can also be used instead of a rear wall for lengthwise stabilisation. Additionally, you can chose side end walls and partition walls. You can use these in any way you want.



### Floor anchoring

• For anchoring the drawer shelving absolutely necessary

Item no.	Dimensions in mm (Ø x H)
SRBV	Ø 12 x 110



### Level compensation plate

- Enables precise alignment even on an uneven floor
- Required

Item no.	Dimensions in mm (WxDxH)
SRNAP1	60 x 150 x 1
SRNAP2	60 x 150 x 2
SRNAP4	60 x 150 x 4



### Support frame

- Made of high-quality sheet steel
- Carrier with subdividing holes on both sides
- 25 mm spacing between holes
- For hanging the base carriers and drawer rails
- Incl. 1 floor anchors

Item no.	Dimensions in mm (WxDxH)
SRTR100	49 x 733 x 1030
SRTR200	49 x 733 x 2030
SRTR240	49 x 733 x 2430
SRTR280	49 x 733 x 2830

# New height 1018 mm

# **Partition wall** ■ Made of high-quality sheet steel

### Side end wall

- Made of high-quality sheet steel
- For covering the sides of the shelving
- For hanging in the rack frame with base carriers

Item no.	Dimensions in mm (WxDxH)
SRSAW100	25 x 733 x 1018
SRSAW200	25 x 733 x 2018
SRSAW240	25 x 733 x 2418
SRSAW280	25 x 733 x 2818

- For hanging in the support frame
- Anti-theft protection
- Can also be used when installing facing doors

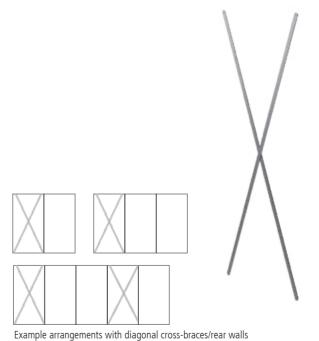
Item no.	Dimensions in mm (WxDxH)
SRZW100	18 x 591 x 928
SRZW200	18 x 591 x 1928
SRZW240	18 x 591 x 2328
SRZW280	18 x 591 x 2728



### Rear wall

- Made of high-quality sheet steel in two parts
- Rear wall has a stabilising effect
- Prevents reaching through

	-	
Item no.	Dimensions in mm (W x H)	Number of parts/height in mm
SRRW070/10	725 x 1003	1 x 1007
SRRW070/20	725 x 2003	2x 1007
SRRW070/24	725 x 2403	1x 1007, 1x 1407
SRRW070/28	725 x 2803	1x 1007, 1x 1807
SRRW100/10	1025 x 1003	1 x 1007
SRRW100/20	1025 x 2003	2x 1007
SRRW100/24	1025 x 2403	1x 1007, 1x 1407
SRRW100/28	1025 x 2803	1x 1007, 1x 1807



Diagonal cross-brace

- For lengthwise stabilisation instead of a rear wall from height 2030 mm
- A diagonal cross-brace or a rear wall is required for the 1st and 4th fields
- Standard size for all offered heights and widths

Item no.	Dimensions in mm (WxDxH)
SRDK	728 x 4 x 1870



# **Shelves and dividers**

### 2. Shelves and dividers



In the 2nd step, you can select your shelves and dividers made of high-quality sheet steel. Universal shelves are used for the top and bottom of the drawer shelving. These are available smooth or slotted and have a load capacity of up to 500 kg. Standard shelves are available with a maximum load capacity of 250 kg. Side panels are used to create the sides of internal spaces. Special dividers are available to subdivide the slotted shelves. In order to use the lower shelf, you require another shelf (universal shelf 500 kg or smooth shelf 250 kg)



Shelf divider for individual subdivision of the slotted shelves.



### **Shelf connector**

Item no.	Dimensions in mm (DxH)
SRFBVERB	592 x 80



### Divider for shelf

For subdividing the slotted shelves

	Dimensions in mm (DxH)
SRFBTB095	700 x 95
SRFBTB145	700 x 145
SRFBTB195	700 x 195



### Side panel

- As a side barrier
- Prevents tools/materials from falling off at the sides

Item no.	Dimensions in mm (DxH)
SRSB095	614 x 95
SRSB145	614 x 145
SRSB195	614 x 195





### Floor cover

Is required when the available space above the floor is used as an open compartment. Example: For hinged doors



### Fitted shelf

The smooth universal shelf is turned over and placed on the support tray set. A smooth or slotted universal shelf ■ is then placed on top as a floor cover.



### Smooth universal shelf

- This shelf is screwed into the support frame as a top and bottom
- Additionally, it can also be used as a heavy load shelf between support frames



	Item no.	Dimensions in mm (WxDxH)	Version
1	SRUNFBGL070	651 x 731 x 56	Shelf
1	SRUNFBGL100	951 x 731 x 56	Shelf
2	SRUNDEGL070	651 x 731 x 56	Ground cover
2	SRUNDEGL100	951 x 731 x 56	Ground cover



### Universal shelf, slotted

- This shelf is screwed into the support frame as a top and bottom
- Additionally, it can also be used as a heavy load shelf between support frames
- The slots are use to attach dividers



I	ltem no.	Dimensions in mm (WxDxH)	Version
	SRUNFBGE070	651 x 731 x 56	Shelf
	SRUNFBGE100	951 x 731 x 56	Shelf
	2 SRUNDEGE070	651 x 731 x 56	Ground cover
Ī	2 SRUNDEGE100	951 x 731 x 56	Ground cover

### Smooth shelf

Inserted into the support frame as an intermediate shelf



Item no.	Dimensions in mm (WxDxH)
SRFBGL070	651 x 731 x 25
SRFBGL100	951 x 731 x 25

### Slotted shelf

- lacktriangle Inserted into the support frame as an intermediate shelf
- The slots are use to attach dividers



Item no.	Dimensions in mm (WxDxH)	
SRFBGE070	651 x 731 x 25	
SRFBGE100	951 x 731 x 25	

# **Drawers**

### 3. Drawers



In the next step, you have the opportunity to adapt the drawer and the drawer divider material to your requirements. Furthermore, you can incorporate various locking systems. You can also select the variants for your CNC area.



Support tray set with cylinder lock for drawer

Electrical locking systems please see page 120





New height

### Support tray set with cylinder lock for drawer

- Cylinder lock and two keys
- Various locking mechanisms can be incorporated into the top

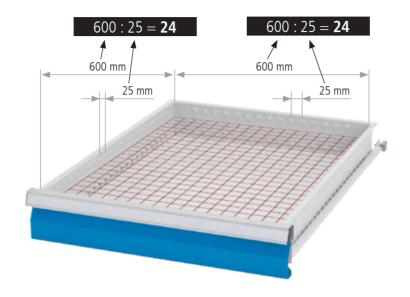
Item no.	Dimensions in mm (WxDxH)	Usable drawer heights <b>H</b>	Grid	
SRSTS070/080	651 x 731 x 818	700	24-24	
SRSTS070/100	651 x 731 x 1018	900	24-24	
SRSTS070/130	651 x 731 x 1318	1200	24-24	
SRSTS070/150	651 x 731 x 1518	1400	24-24	
SRSTS100/080	951 x 731 x 818	700	36-24	
SRSTS100/100	951 x 731 x 1018	900	36-24	
SRSTS100/130	951 x 731 x 1318	1200	36-24	
SRSTS100/150	951 x 731 x 1518	1400	36-24	



A rear wall is essential when using drawers. Partition walls or side end walls are important due to the locking mechanism so that anti-theft protection is ensured.

Drawers R 24-24

### Width 600 mm | Depth 600 mm



### Width 600 x 600 with full pull-out 100 % - 70/100 kg



Item no.	Front height	Shell height	Usable height	Load capacity
60.70.050V07	50	28	30	70 kg
60.70.075V10	75	56	58	100 kg
60.70.100V10	100	81	83	100 kg
60.70.125V10	125	81	108	100 kg
60.70.150V10	150	131	133	100 kg
60.70.175V10	175	131	158	100 kg
60.70.200V10	200	181	183	100 kg
60.70.250V10	250	181	233	100 kg
60.70.300V10	300	181	283	100 kg

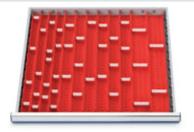
Drawers with load capacity 300 kg see page 85

# VA [180 kg

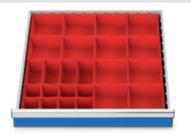
### Width 600 x 600 with full pull-out 100 % - 180 kg

Item no.	Front height	Shell height	Usable height	Load capacity
60.70.100V18	100	81	83	180 kg
60.70.125V18	125	81	108	180 kg
60.70.150V18	150	131	133	180 kg
60.70.175V18	175	131	158	180 kg
60.70.200V18	200	181	183	180 kg
60.70.250V18	250	181	233	180 kg
60.70.300V18	300	181	283	180 kg

### Drawer inserts | ABS







### Trough plates | 56 parts

- 4x TP with 4 troughs
- 8x TP with 3 troughs
- 4x TP with 2 troughs
- 18x SDIV for 4 troughs
- 17x SDIV for 3 troughs
- 5x SDIV for 2 troughs

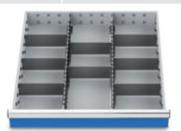
Item no.	Front height in mm	
130	50/75	



### Metal divider | 7 parts

- 2x CCR 600 mm
- 5x DIV 200 mm

Item no.	Front height in mm
135BLH50	50
135BLH75	75
135BLH100	100/125
135BLH150	150/175
135BLH200	200/300



### Metal divider | 10 parts

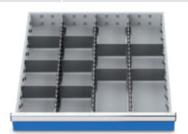
- 2x CCR 600 mm
- 8x DIV 200 mm

Item no.	Front height in mm
139BLH50	50
139BLH75	75
139BLH100	100/125
139BLH150	150/175
139BLH200	200/300

### Small parts boxes | 32 parts

- 8x SPB 150 x 150 mm
- 8x SPB 75 x 150 mm
- 16x SPB 75 x 75 mm

Item no.		Front height in mm
132BLH	150	50
132BLH	175	75
132BLH	1100	100



### Metal divider | 13 parts

- 3x CCR 600 mm
- 10x DIV 150 mm

Item no.	Front height in mm
138BLH50	50
138BLH75	75
138BLH100	100/125
138BLH150	150/175
138RI H200	200/300



### Metal divider | 5 parts

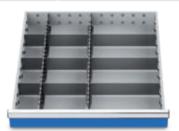
- 1x CCR 600 mm
- 4x DIV 300 mm

Item no.	Front height in mm
144BLH75	75
144BLH100	100/125
144BLH150	150/175
144BLH200	200/300

### Small parts boxes | 24 parts

- 12x SPB 150 x 150 mm
- 4x SPB 75 x 150 mm
- 8x SPB 75 x 75 mm

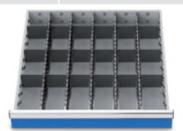
Item no.	Front height in mm
134BLH50	50
134BLH75	75
134BLH100	100



### Metal divider | 11 parts

- 2x CCR 600 mm
- 3x DIV 100 mm
- 3x DIV 200 mm
- 3x DIV 300 mm

ı	Item no.	Front height in mm
	147BLH75	75
	147BLH100	100/125
	147BLH150	150/175
	147BI H200	200/300



### Metal divider | 23 parts

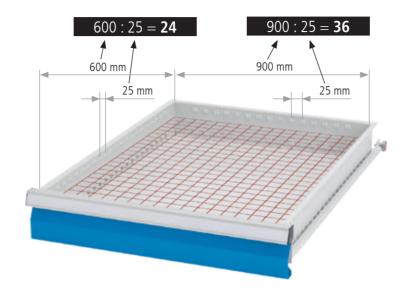
- 5x CCR 600 mm
- 18x DIV 100 mm

Item no.	Front height in mm
149BLH50	50
149BLH75	75
149BLH100	100/125
149BLH150	150/175
149BLH200	200/300

 $\mathsf{CCR} = \mathsf{Centre} \ \mathsf{compartment} \ \mathsf{rails}, \ \mathsf{DIV} = \mathsf{Divider}, \ \mathsf{SPB} = \mathsf{Small} \ \mathsf{Parts} \ \mathsf{Box}, \ \mathsf{TP} = \mathsf{Trough} \ \mathsf{Plate}, \ \mathsf{SDIV} = \mathsf{Slot-in} \ \mathsf{divider}$ 

Drawers R 36-24

# Width 900 mm | Depth 600 mm



### Width 900 x 600 with full pull-out 100 % - 70/100 kg



Item no.	Front height	Shell height	Usable height	Load capacity
60.10.050V07	50	28	30	70 kg
60.10.075V10	75	56	58	100 kg
60.10.100V10	100	81	83	100 kg
60.10.125V10	125	81	108	100 kg
60.10.150V10	150	131	133	100 kg
60.10.175V10	175	131	158	100 kg
60.10.200V10	200	181	183	100 kg
60.10.250V10	250	181	233	100 kg
60.10.300V10	300	181	283	100 kg

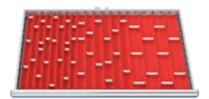
Drawers with load capacity 300 kg see page 85



### Width 900 x 600 with full pull-out 100 % - 180 kg

Item no.	Front height	Shell height	Usable height	Load capacity
60.10.100V18	100	81	83	180 kg
60.10.125V18	125	81	108	180 kg
60.10.150V18	150	131	133	180 kg
60.10.175V18	175	131	158	180 kg
60.10.200V18	200	181	183	180 kg
60.10.250V18	250	181	233	180 kg
60.10.300V18	300	181	283	180 kg

### Drawer inserts | ABS



### Trough plates | 71 parts

- 8x TP with 4 troughs
- 8x TP with 3 troughs
- 8x TP with 2 troughs
- 23x SDIV for 4 troughs
- 14x SDIV for 3 troughs
- 10x SDIV for 2 troughs

Item no.	Front height in mm
150	50/75



### Metal divider | 5 parts

- 2x CCR 600 mm
- 3x DIV 300 mm

Item no.	Front height in mm
155BLH75	75
155BLH100	100/125
155BLH150	150/175
155BLH200	200/300



- 16x SPB 150 x 150 mm
- 8x SPB 75 x 150 mm
- 16x SPB 75 x 75 mm

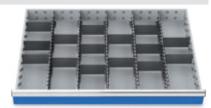
Item no.	Front	height in mm
159BLH50	50	
159BLH75	75	
159BLH100	100/	125



### Metal divider | 24 parts

- 4x CCR 600 mm
- 16x DIV 150 mm
- 4x DIV 300 mm

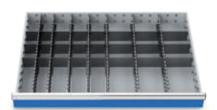
Item no.	Front height in mm
171BLH75	75
171BLH100	100/125
171BLH150	150/175
171BLH200	200/300



### Metal divider | 20 parts

- 5x CCR 600 mm
- 15x DIV 150 mm

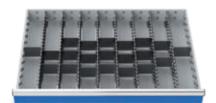
Item no.	Front height in mm
153BLH50	50
153BLH75	75
153BLH100	100/125
153BLH150	150/175
153BLH200	200/300



### Metal divider | 31 parts

- 7x CCR 600 mm
- 6x DIV 75 mm
- 9x DIV 100 mm
- 9x DIV 150 mm

Item no.	Front height in mm
172BLH50	50
172BLH75	75
172BLH100	100/125
172BLH150	150/175
172BLH200	200/300



### Metal divider | 29 parts

- 8x CCR 600 mm
- 21x DIV 100 mm

Item no.	Front height in mm
161BLH50	50
161BLH75	75
161BLH100	100/125
161BLH150	150/175
161BLH200	200/300



### Metal divider | 10 parts

- 2x CCR 600 mm
- 8x DIV 300 mm

Item no.	Front height in mm
166BLH75	75
166BLH100	100/125
166BLH150	150/175
166BLH200	200/300



### Metal divider | 15 parts

- 3x CCR 600 mm
- 9x DIV 200 mm
- 3x DIV 300 mm

Item no.	Front height in mm
170BLH75	75
170BLH100	100/125
170BLH150	150/175
170BLH200	200/300

CCR = Centre compartment rails, DIV = Divider, SPB = Small Parts Box, TP = Trough Plate, SDIV = Slot-in divider



### **Drawer frames for drawers R 24-24**

### Static and flexible version | Width 600 – Drawer frame and single carrier



CNC drawers
Width 600 x 600 with full pull-out 100 % - 180 kg

Item no.	Front height	Shell height	Usable height
60.70.30V18CNC	300	81	283
60.70.40V18CNC	400	81	383



### Suspension rails for CNC for tool holder carrier (WAT)

- For up to 5 CNC tool holder carriers (WAT)
- For all drawers with 600 mm depth
- Supplied in pairs

Item no.	Dimensions in mm (WxDxH)
02.33.87.60	600 x 25 x 75



CNC drawer frame SR 600 for cabinet R 24-24

Item no.	Dimensions in mm (WxDxH)	CNC E1	CNC E2	CNC E3
02.8707.500	600 x 600 x 130	50*	35*	25*



5 single carriers fit in one drawer

CNC tool holder carrier (WAT) 600 for cabinet R 24-24

Item no.	Dimensions in mm (WxDxH)	CNC E1	CNC E2	CNC E3
02.8707.100	620 x 120 x 180	10*	7*	5*

R 36-24 Modular shelving system

### Static and flexible version | Width 900 – Drawer frame and single carrier





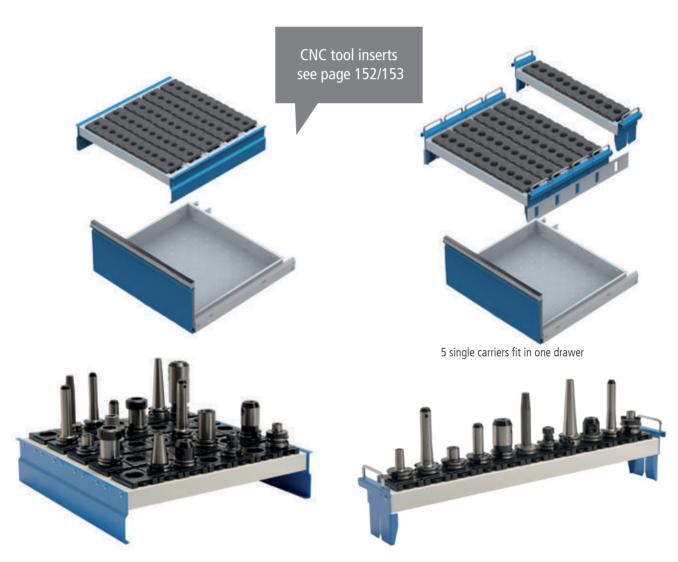
Item no.	Front height	Shell height	Usable height
60.10.30V18CNC	300	81	283
60.10.40V18CNC	400	81	383



### Suspension rails for CNC for tool holder carrier (WAT)

- For up to 5 CNC tool holder carriers (WAT)
- For all drawers with 600 mm depth
- Supplied in pairs

Item no.	Dimensions in mm (WxDxH)
02.33.87.60	600 x 25 x 75



### CNC drawer frame SR 900 for cabinet R 36-24

Item no.	Dimensions in mm (WxDxH)	CNC E1	CNC E2	CNC E3
02.8710.500	900 x 600 x 130	80*	55*	40*

### CNC tool holder carrier (WAT) 900 for cabinet R 36-24

Item no.	Dimensions in mm (WxDxH)	CNC E1	CNC E2	CNC E3
02.8710.100	920 x 120 x 180	16*	11*	8*

\*Number of possible inserts for sizes E1, E2, E3  $\,$ 



# **Vertical pull-out**

### 4. Vertical pull-out



Do you need vertical pull-outs? They can be used in the CNC area and are essential for ensuring order in your workshop. Select the size of the vertical pull-outs here. They are noted for their high-quality powder-coated sheet steel construction with a load capacity of 300 kg per full pull-out. Also note the perforated panels, which can be used on both sides on telescopic pull-outs with ball bearing guides, and the complementary range of hooks. You will find more extras on the following pages.



### Please note:

The usable widths 900 and 600 correspond to the total width of fronts.

### **EXAMPLE:**

Usable width 900  $\longrightarrow$  3x 300 mm front width = 900 mm total width of fronts
Usable width 600  $\longrightarrow$  3x 200 mm front width = 600 mm total width of fronts



### Support tray set with cylinder lock for vertical pull-out

- Generally with cylinder lock and 2 keys
- Optionally, electronic locking mechanisms can be incorporated
- Maximum load capacity per drawer shelf 900 kg



Item no.	Dimensions in mm (WxDxH)	For vertical pull-out	Usable width <b>W</b> in mm
SRSTV070/100	651 x 731 x 1018	700/1000	600
SRSTV070/200	651 x 731 x 2018	700/2000	600
SRSTV070/240	651 x 731 x 2418	700/2400	600
SRSTV070/280	651 x 731 x 2818	700/2800	600
SRSTV100/100	951 x 731 x 1018	1000/1000	900
SRSTV100/200	951 x 731 x 2018	1000/2000	900
SRSTV100/240	951 x 731 x 2418	1000/2400	900
SRSTV100/280	951 x 731 x 2818	1000/2800	900

Top and bottom shelf as well as locking system included in delivery, support frame must be ordered seperately.





Electronical locking system for vertical pull-out More information, see page 120





- Soft pull-in
- Full pull-out
- Load capacity per vertical pull-out 300 kg
- Assembly/installation by professional installation team is recommended



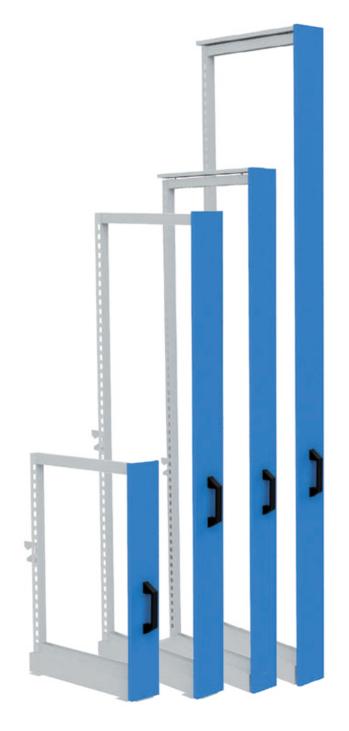


Item no.	Front width in mm	Dimensions in mm (WxDxH)
SRVZ200/100	200	195 x 692 x 905
SRVZ200/200	200	195 x 692 x 1905
SRVZ200/240	200	195 x 692 x 2305
SRVZ200/280	200	195 x 692 x 2705

Item no.	Front width in mm	Dimensions in mm (WxDxH)
SRVZ250/100	250	245 x 692 x 905
SRVZ250/200	250	245 x 692 x 1905
SRVZ250/240	250	245 x 692 x 2305
SRVZ250/280	250	245 x 692 x 2705

Item no.	Front width in mm	Dimensions in mm (WxDxH)
SRVZ300/100	300	295 x 692 x 905
SRVZ300/200	300	295 x 692 x 1905
SRVZ300/240	300	295 x 692 x 2305
SRVZ300/280	300	295 x 692 x 2705

Item no.	Front width in mm	Dimensions in mm (WxDxH)
SRVZ350/100	350	345 x 692 x 905
SRVZ350/200	350	345 x 692 x 1905
SRVZ350/240	350	345 x 692 x 2305
SRVZ350/280	350	345 x 692 x 2705



# **Accessories for vertical pull-outs**

### 5. Accessories for vertical pull-outs



### Perforated wall for vertical pull-out

Item no.	Dimensions in mm (WxDxH)
SRVZLW416	590 x 12 x 416

- Maximum number of perforated walls that fits on one side of the vertical pull-out
- Can also be hung on both sides

Support frame height	Number of perforated walls
1030	2 pieces
2030	4 pieces
2430	5 pieces
2830	5 pieces





### Half shelf for vertical pull-out

Can be hung on both sides, creating a full-length support surface

Item no.	Dimensions in mm (WxDxH)	Usable area in mm
SRHFBVZ150	592 x 67 x 91	588 x 61
SRHFBVZ200	592 x 90 x 91	588 x 86
SRHFBVZ250	592 x 115 x 91	588 x 111
SRHFBVZ300	592 x 140 x 91	588 x 136
SRHFBVZ350	592 x 165 x 91	588 x 161

For vertical pull-outs with a width from 200, the following perforated wall accessories are possible.

Others on request







# Tool clamp, single, small base plate

Item no.	Dimensions in mm (Ø)
03.87.331	6
03.87.332	10
03.87.333	13
03.87.334	16
03 87 335	19



# Tool holder with vertical hook end

■ Ø 6 mm

Item no.	Dimension in mm (W)
03.87.311	35
03.87.312	75
03.87.313	125

### Double tool clamp

ı	Item no.	Dimensions in mm (Ø)
	03.87.341	6
	03.87.342	10
	03.87.343	13
	03.87.344	16
	03.87.345	19



### Pliers holder

Item no.	Dimensions in mm (WxD)
03.87.409	20 x 35
03.87.410	50 x 40
03.87.411	75 x 50
03.87.412	20 x 55
03.87.413	20 x 75

# Double tool holder with slanted hook ends

■ Ø 6 mm

Item no.	Dimension in mm (W)
03.87.322	50
03.87.323	75
03.87.324	150



### Round holder

Item	no.	Dimensions in mm (WxD)
03.	87.355	65 x 25



# CNC half shelf | Static variant for vertical pull-out from a width of 250 mm

■ Usable area: 588 x 61 mm

Item no.	Dimensions in mm (WxDxH)	CNC E1	CNC E2	CNC E3
SRVAHFBCN250	592 x 117 x 124	*10	*7	*5

\*Number of possible inserts for sizes E1, E2, E3



# CNC suspension | Flexible variant for vertical pull-out from a width of 300 mm

■ Hang your tool holder carrier here **02.8707.100** (see page 134)

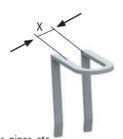
Item no.	Dimensions in mm (WxDxH)
SRVACNWAT300	70 x 49 x 150



### Slotted cross-member

■ Holds long tools, pipes, etc.

Item no.	Dimensions in mm (WxDxH)
SRTRGE	72 x 20 x 630



### **Bracket**

■ Tilt protection for tools, pipes, etc.

Item no.	Dimensions in mm (WxDxH)	Internal dimensions x
SRHB025	49 x 33 x 71	17
SRHB050	49 x 58 x 71	42
SRHB075	49 x 83 x 71	67
SRHB100	49 x 108 x 71	92

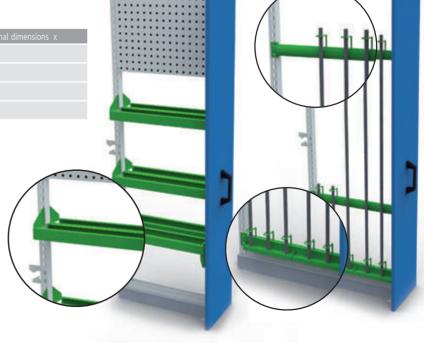
CNC tool holder carrier (WAT) see pages 134/135



### Storage rack

- Lower stop for tools, pipes, etc.
- 2 storage racks are needed in order to utilise the entire depth
- Is hung in the slotted cross-member (SRTRGE)

Item no.	Dimensions in mm (WxDxH)
SRAB150	273 x 61 x 60
SRAB200	273 x 86 x 60
SRAB250	273 x 111 x 60
SRAB300	273 x 136 x 60





# **Hinged doors**

# 6. Hinged doors



To protect against theft, our protruding lockable hinged doors ensure optimal protection for access control. This sheet steel construction is very robust and optimally welded. The MRS® has a resistant powder coating. Hinged doors and a PIN code lock can be retrofitted.





Electronical locking system for hinged doors More information, see page 120





### Hinged door assembly

- With rotary handle cylinder lock
- A rear wall and two partition walls or end walls are additionally required to ensure anti-theft protection

Item no.	Dimensions in mm (WxDxH)
SRFLE070/080	695 x 23 x 792
SRFLE070/100	695 x 23 x 992
SRFLE100/080	995 x 23 x 792
SRFLE100/100	995 x 23 x 992
SRFL0070/080	695 x 23 x 767   Can only be used at top
SRFL0070/100	695 x 23 x 967   Can only be used at top
SRFLO100/080	995 x 23 x 767   Can only be used at top
SRFLO100/100	995 x 23 x 967   Can only be used at top
SRFLE070/200	695 x 23 x 1992
SRFLE070/240	695 x 23 x 2392
SRFLE070/280	695 x 23 x 2792
SRFLE100/200	995 x 23 x 1992
SRFLE100/240	995 x 23 x 2392
SRFLE100/280	995 x 23 x 2792

Shelves for hinged door cabinets can be found on page 127

# Modules

# **Combination options with hinged doors**





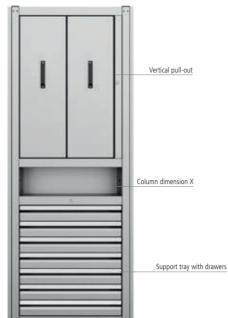
Hingea aoor /	only be used on top	Column dimension X		
Item no.	Dimensions in mm (WxDxH)	Dimensions in mm		

Support	frame	Support tray		Hinged door	only be used on top	Column dimension X
Item no.	Dimensions in mm (WxDxH)	Item no.	Dimensions in mm (WxDxH)	Item no.	Dimensions in mm (WxDxH)	Dimensions in mm
				SRFL0070/080	695 x 23 x 767	419
		SRSTS070/080	651 x 731 x 818	SRFL0070/100	695 x 23 x 967	219
	49 x 733 x 2030		651 x 731 x 1018	SRFL0070/080	695 x 23 x 767	219
		SRSTS070/100		SRFL0070/100	695 x 23 x 967	0*
		SRSTS070/130	651 x 731 x 1318	SRFL0070/080	695 x 23 x 767	not possible
				SRFL0070/100	695 x 23 x 967	not possible
				SRFL0070/080	695 x 23 x 767	not possible
		SRSTS070/150	651 x 731 x 1518	SRFL0070/100	695 x 23 x 967	not possible
SRTR200				SRFLO100/080	995 x 23 x 767	419
		SRSTS100/080	951 x 731 x 818	SRFLO100/100	995 x 23 x 967	219
				SRFLO100/080	995 x 23 x 767	219
		SRSTS100/100	951 x 731 x 1018	SRFLO100/100	995 x 23 x 967	0*
				SRFLO100/080	995 x 23 x 767	not possible
		SRSTS100/130	951 x 731 x 1318	SRFLO100/100	995 x 23 x 967	not possible
				SRFLO100/080	995 x 23 x 767	not possible
		SRSTS100/150	951 x 731 x 1518	SRFLO100/100	995 x 23 x 967	not possible
				SRFL0070/080	695 x 23 x 767	819
		SRSTS070/080	651 x 731 x 818	SRFL0070/000	695 x 23 x 967	619
		SRSTS070/100	651 x 731 x 1018	SRFL0070/080	695 x 23 x 767	619
				SRFL0070/100	695 x 23 x 967	419
		SRSTS070/130	651 x 731 x 1318	SRFL0070/080	695 x 23 x 767	319
		31(313070/130	031 X 731 X 1310	SRFL0070/100	695 x 23 x 967	119
		CDCTC070/1E0	651 y 721 y 1510	SRFL0070/080	695 x 23 x 767	119
SRTR240	49 x 733 x 2430	SRSTS070/150 651	551 x 731 x 1518	SRFL0070/100	695 x 23 x 967	not possible
		SRSTS100/080	951 x 731 x 818	SRFLO100/080	995 x 23 x 767	819
		3//313100/000	951 X /51 X 616	SRFLO100/100	995 x 23 x 967	619
		SRSTS100/100	951 x 731 x 1018	SRFLO100/080	995 x 23 x 767	619
		3N313100/100	931 X /31 X 1010	SRFLO100/100	995 x 23 x 967	419
		SRSTS100/130	951 x 731 x 1318	SRFLO100/080	995 x 23 x 767	319
		351 X 151 X 1.	931 X /31 X 1310	SRFLO100/100	995 x 23 x 967	119
		SRSTS100/150 951 x 731 x 1518	SRFLO100/080	995 x 23 x 767	119	
		31/313100/130	231 Y 121 Y 1210	SRFLO100/100	995 x 23 x 967	not possible
	0 49 x 733 x 2830	SRSTS070/080	651 x 731 x 818	SRFL0070/080	695 x 23 x 767	1219
		31/31/0/060		SRFL0070/100	695 x 23 x 967	1019
		SRSTS070/100	651 x 731 x 1018	SRFL0070/080	695 x 23 x 767	1019
		51(313070/100	031 X /31 X 1018	SRFL0070/100	695 x 23 x 967	819
		SRSTS070/130	651 x 731 x 1318	SRFL0070/080	695 x 23 x 767	719
		51/3/30/0/130	031 7 7 31 7 1310	SRFL0070/100	695 x 23 x 967	519
		SRSTS070/150	651 x 731 x 1518	SRFL0070/080	695 x 23 x 767	519
SRTR 280		31/31/0/130	031 X 131 X 1310	SRFL0070/100	695 x 23 x 967	319
51(11(200		SRSTS100/080	951 x 731 x 818	SRFLO100/080	995 x 23 x 767	1219
		3N3131UU/U8U 951	231 X / 31 X 010	SRFLO100/100	995 x 23 x 967	1019
		SRSTS100/100 951 x 731 x 1018	SRFLO100/080	995 x 23 x 767	1019	
			73   X   Z   X   U   O	SRFLO100/100	995 x 23 x 967	819
		SRSTS100/130	CDCTC100/120 0E1 v 721 v 1210	SRFLO100/080	995 x 23 x 767	719
		SRSTS100/130 951 x 731 x 1318	SRFLO100/100	995 x 23 x 967	519	
		SRSTS100/150	951 x 731 x 1518	SRFLO100/080	995 x 23 x 767	519
		20/21/21/00/120	מוכו אוכו אונכ	SRFLO100/100	995 x 23 x 967	319

### **Combination options**

Modular shelving system





Possible variants for hinged doors and vertical pull-outs



# Combination options with vertical pull-out







Support frame

Support tray

Vertical pull-out top

Column dimension X

Jupport		Support truy		vertical pair c		Column annension X
Item no.	Dimensions in mm (WxDxH)	Item no.	Dimensions in mm (WxDxH)	Item no.	Dimensions in mm (WxDxH)	Dimensions in mm
	49 x 733 x 2030	SRSTS070/080	651 x 731 x 818	SRTV070/100	651 x 731 x 1018	182
		SRSTS070/100	651 x 731 x 1018	SRTV070/100	651 x 731 x 1018	not possible
		SRSTS070/130	651 x 731 x 1318	SRTV070/100	651 x 731 x 1018	not possible
SRTR200		SRSTS070/150	651 x 731 x 1518	SRTV070/100	651 x 731 x 1018	not possible
		SRSTS100/080	951 x 731 x 818	SRTV100/100	951 x 731 x 1018	182
		SRSTS100/100	951 x 731 x 1018	SRTV100/100	951 x 731 x 1018	not possible
		SRSTS100/130	951 x 731 x 1318	SRTV100/100	951 x 731 x 1018	not possible
		SRSTS100/150	951 x 731 x 1518	SRTV100/100	951 x 731 x 1018	not possible
		SRSTS070/080	651 x 731 x 818	SRTV070/100	651 x 731 x 1018	582
		SRSTS070/100	651 x 731 x 1018	SRTV070/100	651 x 731 x 1018	382
		SRSTS070/130	651 x 731 x 1318	SRTV070/100	651 x 731 x 1018	82
SRTR240	49 x 733 x 2430	SRSTS070/150	651 x 731 x 1518	SRTV070/100	651 x 731 x 1018	not possible
		SRSTS100/080	951 x 731 x 818	SRTV100/100	951 x 731 x 1018	582
		SRSTS100/100	951 x 731 x 1018	SRTV100/100	951 x 731 x 1018	382
		SRSTS100/130	951 x 731 x 1318	SRTV100/100	951 x 731 x 1018	82
		SRSTS100/150	951 x 731 x 1518	SRTV100/100	951 x 731 x 1018	not possible
		SRSTS070/080	651 x 731 x 818	SRTV070/100	651 x 731 x 1018	982
		SRSTS070/100	651 x 731 x 1018	SRTV070/100	651 x 731 x 1018	782
		SRSTS070/130	651 x 731 x 1318	SRTV070/100	651 x 731 x 1018	482
SRTR280	49 x 733 x 2830	SRSTS070/150	651 x 731 x 1518	SRTV070/100	651 x 731 x 1018	282
		SRSTS100/080	951 x 731 x 818	SRTV100/100	951 x 731 x 1018	982
		SRSTS100/100	951 x 731 x 1018	SRTV100/100	951 x 731 x 1018	782
		SRSTS100/130	951 x 731 x 1318	SRTV100/100	951 x 731 x 1018	482
		SRSTS100/150	951 x 731 x 1518	SRTV100/100	951 x 731 x 1018	282

# **Finished modules**

### Module 1 – 2

### ■ Delivery unassembled

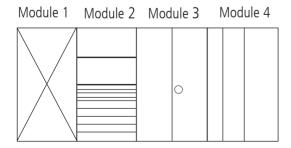


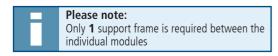
### Module 1 | 700

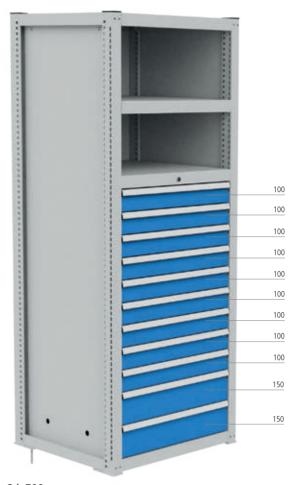
- 2x support frame
- 1x diagonal cross-brace
- 3x smooth universal shelf
- 2x slotted shelf
- 8x shelf side panel
- 5x shelf divider
- 1x fitted shelf

Item no.	Dimensions in mm (WxDxH)
SRK01	749 x 733 x 2030

### POSSIBLE MODULE COMBINATIONS



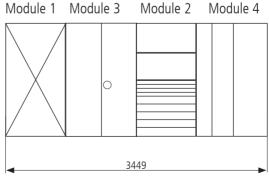




### Module 2 | 700

- 2x support frame
- 1x rear wall
- 2x partition wall
- 2x smooth universal shelf
- 1x support tray set with cylinder lock for drawer 700/1300
- 11x drawer

Item no.	Dimensions in mm (WxDxH)
SRK02	749 x 733 x 2030



### Example for total length:

5x support frame x 49 mm

- + 2x 651 mm (module 700)
- + 2x 951 mm (module 1000)

= 3449 mm Dimensions excluding side end walls

Module 3 – 4 Modular shelving system

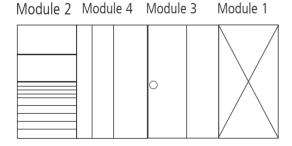




- 2x support frame
- 1x rear wall
- 2x partition wall
- 1x hinged door assembly 1000/2000
- 2x universal shelf with height of 56 mm as top and bottom
- 4x shelf with height of 25 mm as intermediate shelf
- 1x fitted shelf

Item no.	Dimensions in mm (WxDxH)
SRK03	1049 x 733 x 2030

# POSSIBLE MODULE COMBINATIONS

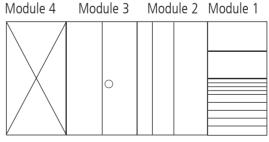




# Module 4 | 1000

- 2x support frame
- 1x rear wall
- 2x partition wall
- 1x support tray set with cylinder lock for vertical cabinet 1000
- 3x vertical pull-out
- No additional intermediate shelves or perforated walls

Item no.	Dimensions in mm (WxDxH)
SRK04	1049 x 733 x 2030



Other combinations are possible



# **Finished modules**

# Module 5 – 6

Delivery unassembled





# Module 5 | 1400

- 3x support frame
- 2x rear wall
- 2x side end wall
- 2x partition wall
- 6x smooth universal shelf
- 5x smooth shelf
- 4x shelf side panels
- 1x hinged door assembly 700/2000
- 1x support tray set with cylinder lock for drawer 700/1000
- 7x drawer
- 1x fitted shelf

Item no.	Dimensions in mm (WxDxH)
SRK05	1449 x 733 x 2030

# Module 6 | 700

- 2x support frame
- 1x rear wall
- 2x side end wall
- 2x smooth universal shelf
- 2x smooth shelf
- 6x shelf side panels
- 1x hinged door assembly 700/1000, top
- 1x support tray set with cylinder lock for drawer 700/1000
- 7x drawer

ltem no.	Dimensions in mm (WxDxH)
SRK06	749 x 733 x 2030

Module 7 – 8 Modular shelving system





# Module 7 | 1000

- 2x support frame
- 1x rear wall
- 2x side end wall
- 4x universal shelf
- 2x shelf
- 2x drawer, not lockable
- 1x hinged door assembly 1000, top
- 1x fitted shelf

Item no.	Dimensions in mm (WxDxH)
SRK07	1049 x 733 x 2030

# Module 8 | 1000

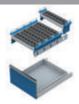
- 2x support frame
- 1x rear wall
- 2x side end wall
- 1x support tray set with cylinder lock for vertical pull-out
- 3x vertical pull-out
- 1x shelf
- 2x universal shelf
- 1x Universal shelf, slotted
- 1x fitted shelf

Item no.	Dimensions in mm (WxDxH)
SRK08	1049 x 733 x 2030



# CNC storage and transport systems





CNC modular system Page 150



CNC tool inserts Page 152



CNC table mounted frames Page 154



CNC tool holder carriers Page 156



CNC cabinets and workbenches Page 158



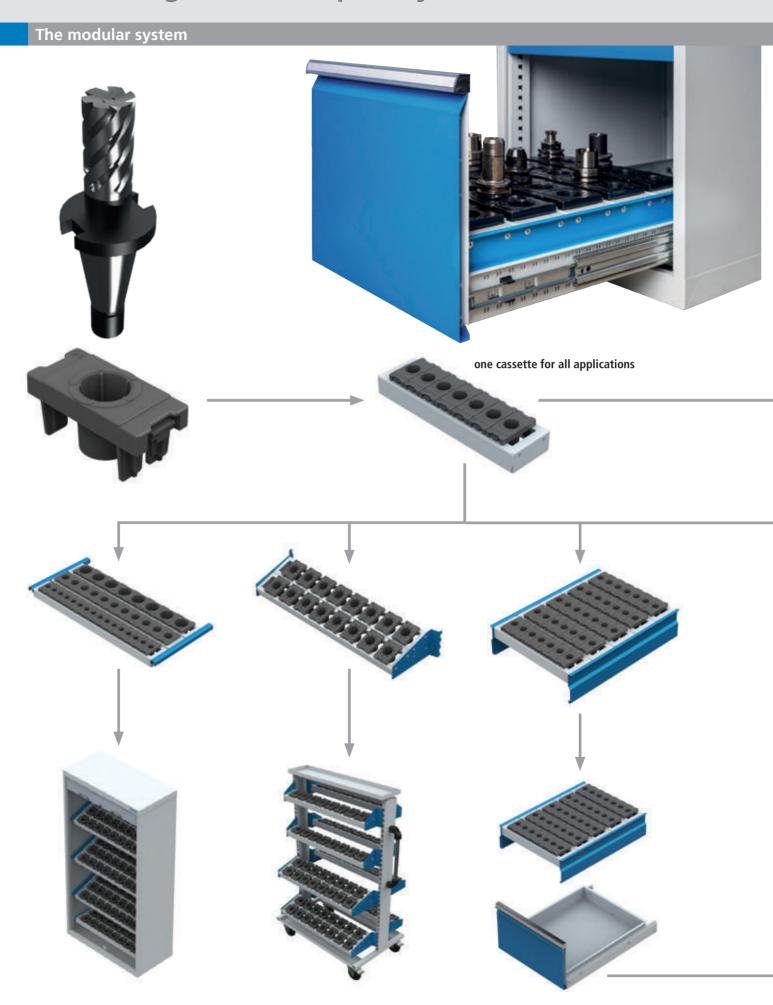
Storage of up to 400 inserts

RotaRex® large cabinet Page 168



CNC workshop and tool trolley Page 174

# **CNC** storage and transport systems



# bedrunka+hirth

# **CNC** storage and transport systems



### Tool insert size 1

Tool insert 49 x 103 x 17 mm



# Tool insert size 2

Tool insert 74 x 103 x 17 mm



# Tool insert size 3

Tool insert 99 x 103 x 17 mm



# **Ergonomics**

Efficiency through occupational safety during the activity to be carried out



# Optimisation of the space within reach

Optimal range of movement with short receptacle paths and an unrestricted assembly area



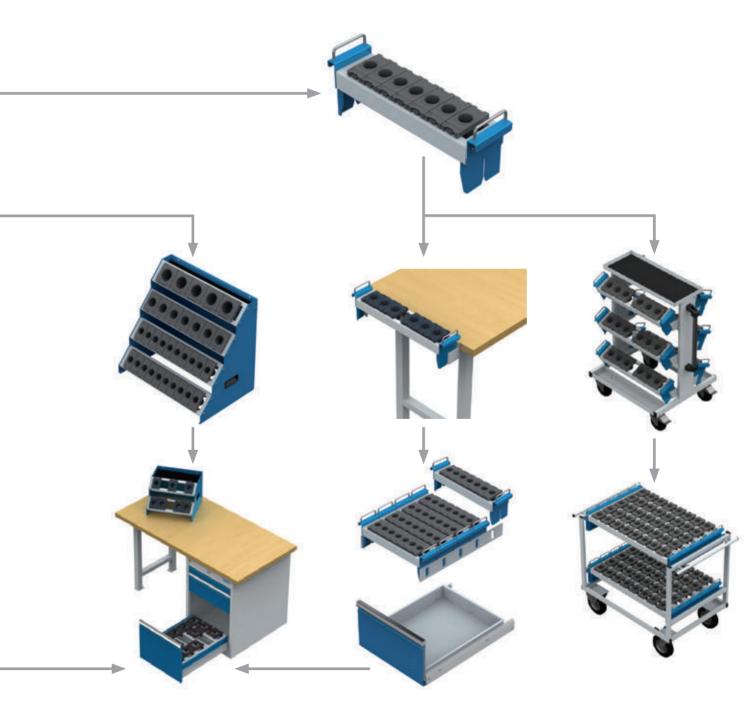
### Mobile

Fast, flexible work process thanks to maximum mobility



# Information

on relevant articles/product groups are shown



# **CNC** tool inserts

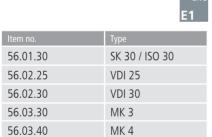
The tool inserts are made of oil-resistant, break-proof and impact-resistant ABS plastic and are noted for their tailored inner struts. The tapered tool holder is thus optimally centred.

- The insert is clicked into our grid system with a clip and can be moved in steps of 25 mm without a tool.
- Nubs on the top of the inserts. In this way, no adhesion occurs and the tool is prevented from attaching itself by vacuum
- All tool sizes can be combined











Item no.	Туре
56.01.40	SK 40 / ISO 40
56.02.40	VDI 40
57.01.50	HSK A 50/B 63
57.01.63	HSK A 63/B 80
56.03.50	MK 5



Item no.	Туре
56.01.50	SK 50 / ISO 50
56.02.50	VDI 50
56.02.60	VDI 60
57.01.80	HSK A 80/B 100
57.01.100	HSK A 100/B 125







Item no.	Туре
57.01.32	HSK A 32/B 40

# bedrunka+hirth

# CNC storage and transport systems







Item no.	Туре
57.01.00	Universal



Item no.	Туре
57.01.03	Capto C 3



Item no.	Туре
57.01.04	Capto C 4



Item no.	Туре
57.01.05	Capto C 5



Item no.	Туре
57.01.06	Capto C 6



Item no.	Туре
57.01.08	Capto C 8

# **CNC** table mounted frames

# CNC table mounted frames (TAG)

- Shelf and handles
- CNC table mounted frames are riveted
- Supplied without tools and inserts
- \*Number of possible inserts for sizes E1, E2, E3







CNC table mounted frame TAG 2-1

■ 2x cassette

1	Item no.	Dimensions in mm (WxDxH)	CNC E1	CNC E2	CNC E3
	02.8705.200	425 x 375 x 300	14*	10*	6*



CNC table mounted frame TAG 2-2

2x cassette

Item no.	Dimensions in mm (WxDxH)	CNC E1	CNC E2	CNC E3
02.8707.200	575 x 375 x 300	20*	14*	10*



CNC table mounted frame TAG 4-1

4x cassette

Item no.	Dimensions in mm (WxDxH)	CNC E1	CNC E2	CNC E2
item no.	Difficusions in filli (WXDXII)	CIVC LT	CIVC LZ	CIVC L3
02.8705.400	425 x 375 x 525	28*	20*	12*



CNC table mounted frame TAG 4-2

4x cassette

Item no.	Dimensions in mm (WxDxH)	CNC E1	CNC E2	CNC E3
02.8707.400	575 x 375 x 525	40*	28*	20*

# **CNC** drawer frame (SR)

- Suitable for 450/600/900 x 600 mm drawers
- CNC drawer frames are riveted
- Supplied without tools and inserts
- \*Number of possible inserts for sizes E1, E2, E3





CNC drawer frame SR 450 for cabinet R 18-24

Item no.	Dimensions in mm (WxDxH)	CNC E1	CNC E2	CNC E3
02.8705.500	450 x 600 x 130	35*	25*	15*



# CNC drawer frame SR 600 for cabinet R 24-24

Item no.	Dimensions in mm (WxDxH)	CNC E1	CNC E2	CNC E3
02.8707.500	600 x 600 x 130	50*	35*	25*



CNC drawer frame SR 900 for cabinet R 36-24

Item no.	Dimensions in mm (WxDxH)	CNC E1	CNC E2	CNC E3
02.8710.500	900 x 600 x 130	80*	55*	40*

# **CNC** tool holder carriers

# CNC tool holder carrier (WAT)

- Our modular system offers you a great variety of possibilities
- The cassette is riveted and fitted with grab handles/carry handles
- Supplied without tools and inserts









CNC tool holder carrier (WAT), 450 for cabinet R 18-24

Item no.	Dimensions in mm (WxDxH)	CNC E1	CNC E2	CNC E3
02.8705.100	470 x 120 x 180	7*	5*	3*

CNC tool holder carrier (WAT), 600 for cabinet R 24-24

Item no.	Dimensions in mm (WxDxH)	CNC E1	CNC E2	CNC E3
02.8707.100	620 x 120 x 180	10*	7*	5*



CNC tool holder carrier (WAT), 800

Item no.	Dimensions in mm (WxDxH)	CNC E1	CNC E2	CNC E3
02.8708.100	820 x 120 x 180	14*	9*	7*



CNC tool holder carrier (WAT), 900 for cabinet R 36-24

Item no.	Dimensions in mm (WxDxH)	CNC E1	CNC E2	CNC E3
02.8710.100	920 x 120 x 180	16*	11*	8*





- For up to 5 CNC tool holder carriers (WAT)
   For all drawers with 600 mm depth
- Supplied in pairs

Item no.	Dimensions in mm (WxDxH)
02.33.87.60	25 x 600 x 75



- Mounting brackets

  For 1 CNC tool holder carrier (WAT)
- Supplied in pairs

Item no.	Dimensions in mm (WxDxH)
02.89.WAT.01	70 x 75 x 88



# Aluminium mounting block

- SK 30, SK 40, SK 50
- Other sizes on request

Item no.	Туре
02.560.31	SK 30
02.560.41	SK 40
02.560.51	SK 50



# Steel mounting block

Swivelling in 5 steps

Item no.	Туре	Dimensions in mm (WxDxH)
02.705.30	SK30	125 x 64 x 121
02.705.40	SK40	130 x 64 x 136
02.705.50	SK50	170 x 72 x 170
02.709.25	VDI25	100 x 48 x 97
02.709.30	VDI30	130 x 64 x 121
02.709.40	VDI40	130 x 64 x 136
02.709.50	VDI50	170 x 72 x 170
02.708.32	HSK A 32	100 x 48 x 97
02.708.40	HSK A 40	100 x 48 x 97
02.708.50	HSK A 50	125 x 64 x 121
02.708.63	HSK A 63	130 x 64 x 136
02.708.80	HSK A 80	170 x 72 x 170
02.708.100	HSK A 100	170 x 72 x 170



# **CNC** cabinets and workbenches

# CNC combinations from practice R 18-24 | R 24-24

- The CNC drawers of a front height of more than 300 mm are prepared to hold the tool carriers
- 5 tool carriers or 1 drawer frame can be set per drawer
- Tool holder carriers (WAT), drawer frames (SR) and inserts can be found on page 152/153, 155/156
- Lockable with cylinder lock
- Cabinet can be arranged with other drawer front heights
- Supplied without tools and tool holder frames

### CNC Drawer cabinet R 24-24

- 4x drawer
- Drawers with full pull-out 100 %
- Drawers with 100 mm front height, load capacity 100 kg Drawers with 300 and 400 mm front height, load capacity 180 kg
- Usable drawer dimension, internal: 600 x 600 mm

Item no.	Dimensions in mm (WxDxH)
02.140V	705 x 736 x 1019





- Drawers with 50 mm front height, load capacity 70 kg Drawers with 100, 150, 200 mm front height, load capacity 100 kg Drawers with 400 mm front height, load capacity 180 kg
- Supplied without tool holder carriers (WAT) and drawer frames (SR)

Item no.	Dimensions in mm (WxDxH)	Designation
580.0111V86	555 x 736 x 819	Left: CNC drawer cabinet R 18-24, 3x drawer Usable drawer dimension, internal: 450 x 600 mm
780.1111V86	705 x 736 x 819	Right: CNC drawer cabinet R 24-24, 4x drawer Usable drawer dimension, internal: 600 x 600 mm
03.15.40	1500 x 750 x 40	Beech multiplex workbench top
03.20.40	2000 x 750 x 40	Beech multiplex workbench top

# 100 200 400











■ Drawer cabinets R 24-24

**CNC** inline workbench

■ Drawers with full pull-out 100 %

Workbench stand ■ Drawer cabinet R 18-24

3x drawer

Item no. 02.580V86

Beech multiplex top 1500 x 750 x 40 mm (WxDxH)

Drawers with 100 and 200 mm front height, load capacity 100 kg Drawers with 400 mm front height, load capacity 180 kg Usable drawer dimension, internal: 450 x 600 mm

Supplied without tools, inserts and table mounted frame

1500 x 750 x 859

- 7x drawer
- Drawers with full pull-out (FP) 100%
- Drawers with 50 mm front height, load capacity 70 kg Drawers with 100 mm front height, load capacity 100 kg Drawers with 400 mm front height, load capacity 180 kg
- Usable drawer dimension, internal: 600 x 600 mm
- 2x shelf 500 x 730 x 300 mm (WxDxH)
- incl. levelling feet
- 1000 kg total load capacity
- Supplied without tools, inserts, drawer frames and tool holder carriers

Item no.	Dimensions in mm (WxDxH)	Designation
03.20.34V86	2000 x 750 x 859	Left: 3x drawer, usable drawer dimension, internal: 600 x 600 mm Central: 2x shelf, 500 mm Right: 4x drawer, usable drawer dimension, internal: 600 x 600 mm
03.20.34V96	2000 x 750 x 959	Left: 3x drawer, usable drawer dimension, internal: 600 x 600 mm Central: 2x shelf, 500 mm Right: 4x drawer, usable drawer dimension, internal: 600 x 600 mm



# **CNC** cabinets and workbenches

# CNC workstation – We offer you the right solution R 18-24 | R 24-24

- Drawers with full pull-out (FP) 100%
- Drawers with 50 mm front height, load capacity 70 kg
   Drawers with 100, 150, 200 mm front height, load capacity 100 kg
   Drawers with 400 mm front height, load capacity 180 kg
- Supplied without tools, inserts and decoration



Pos.	Item no.	Dimensions in mm (WxDxH)	Description
1	580.0111V86	555 x 736 x 819	CNC drawer cabinet R 18-24 Usable drawer dimension, internal: 450 x 600 mm
2	780.1111V86	705 x 736 x 819	CNC drawer cabinet R 24-24 Usable drawer dimension, internal: 600 x 600 mm
w/o fig.	02.8707.500	600 x 600 x 130	CNC drawer frame SR 600, 600 x 600 x 130 mm (see page 175)
3	03.20.40	2000 x 750 x 40	Beech multiplex workbench top 40 mm
4.1	03.935.125.240	1250	Support column left
4.2	03.935.125.140	1250	Support column right
5	03.983.102	1000 x 20 x 302	Perforated wall for hanging between the support columns
6	02.910.02	942 x 263 x 134	CNC tool holding shelf with 2 x cassettes for hanging between the support columns
7	02.910.01	942 x 147 x 134	CNC tool holding shelf with 1 x cassettes for hanging between the support columns
8	02.89.WAT.01	70 x 75 x 88	Bracket for attaching the CNC carriers to the workbench top
9	02.8707.100	620 x 120 x 180	CNC tool holder carrier for R 24-24
10	02.8705.400	425 x 375 x 525	CNC table mounted frame TAG 4-1
11	05.96.01	-	Work chair with casters, seat and backrest of black PU, safety gas spring, plastic cruciform base, seat and backrest inclination, height 465 - 655 mm



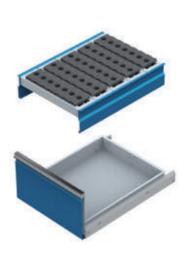
- Beech multiplex top, 1250 x 750 x 40 mm (WxDxH)
- 7x drawe
- Drawers with full pull-out (FP) 100 %, load capacity 100 kg per drawer
- Drawer with 400 mm front height, load capacity 180 kg per drawer
- Usable drawer dimension, internal: 450 x 600 mm
- Drawer guides on ball-bearings, individual pull-out lock
- Round tube push handle
- 2x fixed and 2x steering caster Ø 200 mm, of which 2 with locks
- \*Number of possible inserts for sizes E1, E2, E3

Item no.	Dimensions in mm (WxDxH)
04.12.26V	1250 x 750 x 995



- Beech multiplex top, 1250 x 750 x 40 mm (WxDxH)
- 4x drawer, 1x door
- Drawers with full pull-out (FP) 100 %, load capacity 100 kg per drawer
- Drawer with 400 mm front height, load capacity 180 kg per drawer
- Usable drawer dimension, internal: 450 x 600 mm
- Drawer guides on ball-bearings, individual pull-out lock
- Round tube push handle
- 2x fixed and 2x steering caster Ø 200 mm, of which 2 with locks
- Space for 5x CNC tool holder carrier (WAT), 500
- \*Number of possible inserts for sizes E1, E2, E3

Item no.	Dimensions in mm (WxDxH)
04.12.27V	1250 x 750 x 995





### CNC drawer frame SR 450 for the 400 mm drawer

Item no.	Dimensions in mm (WxDxH)	CNC E1	CNC E2	CNC E3
02.8705.500	450 x 600 x 130	35*	25*	15*

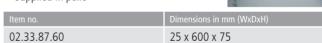
# Mounting brackets for 1 CNC tool holder carrier (WAT)

Supplied in pairs

Item no.	Dimensions in mm (WxDxH)
02.89.WAT.01	70 x 75 x 88

# Suspension rail for up to 5 x CNC tool holder carriers (WAT)

Supplied in pairs





CNC tool holder carrier (WAT), 450

Item no.	Dimensions in mm (WxDxH)	CNC E1	CNC E2	CNC E3
02.8705.100	470 x 120 x 180	7*	5*	3*





# **CNC** cabinets and workbenches

# **CNC combination system R 36-24**

- With CNC tool holder frames (WAR) and tool holder carriers (WAT)
- Drawers with full pull-out 100 %
- Drawers with 50 mm front height, load capacity 70 kg
   Drawers with 100 and 150 mm front height, load capacity 100 kg
   Drawers with 400 mm front height, load capacity 180 kg
- Supplied without tools and inserts
- \*Number of possible inserts for sizes E1, E2, E3

# CNC roller shutter attachment cabinet (empty)

- Cabinet with plastic roller shutters
- With push cylinder lock

Item no.	Dimensions in mm (WxDxH)
02.98.00	1000 x 500 x 1000



Shelf bracket for roller shutter cabinet and CNC-frame

■ 1 piece

ArtNr.	
01-00206	

# 1

# CNC tool holder frame (WAR) for roller shutter cabinet

- Can be installed straight or inclined
- Load capacity 120 kg

Item no.	Dimensions in mm (WxDxH)
02.89WARG900	950 x 425 x 85

	CNC E1	CNC E2	CNC E3
Maximum insert capacity per carrier	48*	33*	24*

# 2

# CNC tool holder frame (WAR) for roller shutter cabinet, pull-out

- For roller shutter cabinet
- Full pull-out 100 %
- Load capacity 50 kg

Item no.	Dimensions in mm (WxDxH)
02.095.03 VA	950 x 420 x 68

	CNC E1	CNC E2	CNC E3
Maximum insert capacity per carrier	48*	33*	24*

# 3

# CNC drawer cabinet R 36-24

- With cylinder lock
- Usable drawer area, internal: 900 x 600 mm
- 4x drawer
- Drawer with 400 mm BLH without slotted side panels, therefore the use of metal dividers is not possible

Item no.	Dimensions in mm (WxDxH)
02.1080.4V	1005 x 736 x 819

CNC drawer frames or single carriers see page 175/176 CNC inserts see page 153/154



# **CNC** tall magazine cabinet

- Housing made of sturdy, welded sheet steel
- The possible number of tool frames is based on the tool height and mounting (straight or inclined) Maximum capacity of the **straight** frame: 5

Maximum capacity of the **inclined** frame: 4

Number of possible inserts for sizes E1, E2, E3

# CNC roller shutter cabinet with plastic roller shutters (empty)

■ Plastic roller shutters with push cylinder lock

Item no.	Dimensions in mm (WxDxH)
02.95.01	1000 x 500 x 1950

# CNC roller shutter cabinet with aluminium roller shutters (empty)

High-quality aluminium roller shutters with push cylinder lock

Item no.	Dimensions in mm (WxDxH)
02.89.01	1000 x 500 x 1950

# CNC roller shutter cabinet with plastic roller shutters 2x CNC tool holder frame (WAR), straight/inclined

- (as shown)
- 1x CNC tool holder frame (WAR), pull-out
- 1x shelf
- 1x drawer
- Supplied without tools and inserts

Item no.	Dimensions in mm (WxDxH)
02.95.01.01	1000 x 500 x 1950

# 1

# CNC tool holder frame (WAR)

- Can be installed straight or inclined
- Load capacity 120 kg

Item no.	Dimensions in mm (WxDxH)
02.89WARG900	950 x 425 x 85

	CNC E1	CNC E2	CNC E3
Maximum insert capacity per carrier	48*	33*	24*

# CNC tool holder frame (WAR) for roller shutter cabinet, pull-out

- For roller shutter cabinet
- Full pull-out 100 %
- Load capacity 50 kg

02.095.03 VA	950 x 420 x	68		
		CNC E1	CNC E2	CNC E3

	CNC E1	CNC E2	CNC E3
Maximum insert capacity per carrier	48*	33*	24*

# Shelf for CNC roller shutter cabinet

■ Load capacity 100 kg

Item no.	Dimensions in mm (WxDxH)
04.122	950 x 420 x 28

# 4

### **Drawer for CNC roller shutter cabinet**

- 100 mm front height, full pull-out 100 %
- Load capacity 50 kg
- Usable drawer dimension, internal: 899 x 375 (W x D)

Item no.	Dimensions in mm (WxD)
60.095.100VA	950 x 430



# **CNC** cabinets and workbenches

# CNC hinged door cabinet with solid sheet doors R 36-16

- Robust, welded sheet steel construction
- Resistant powder coating
- Drawers with full pull-out 100 %
- $\blacksquare$  Solid sheet doors with moulded recess cylinder lock
- When using drawers and pull-outs, the opening angle must be 130°, therefore these hinged-door wardrobes not be placed directly next to each other.



# CNC hinged door cabinet R 36-16

- 1x fixed, inclined tool holder frame (WAR)
- 1x pull-out tool holder frame (WAR)
- 1x shelf
- 3x drawer
- Supplied without tools and inserts

Item no.	Dimensions in mm (WxDxH)	Product name	Description
02.118.05.01	980 x 500 x 1838	Hinged door cabinet R 36-16	1x fixed and 1x pull-out tool holder frame (WAR), 1x shelf, without tools and inserts, 3x drawer (100, 150, 200 mm)
02.89WAR900	924 x 425 x 87	CNC tool holder frame (WAR), straight/inclined	Suitable for all hinged door cabinets, can be used straight/inclined, load capacity 80 kg
02.89WARA900	926 x 450 x 60	CNC tool holder frame (WAR), pull-out, for hinged door cabinet	Pull-out 100 %, load capacity 50 kg
04.090.013	925 x 443 x 22	Shelf for hinged door cabinet	Fixed shelf, height-adjustable, load capacity 80 kg
60.098.100VA	900 x 400 x 90	Drawer for hinged door cabinet Front height 100 mm, load capacity 50 kg	Drawer suitable for all hinged door cabinets, pull-out 100 %, internal usable dimension: 900 x 400 mm
60.098.150VA	900 x 400 x 140	Drawer for hinged door cabinet Front height 150 mm, load capacity 50 kg	Drawer suitable for all hinged door cabinets, pull-out 100 %, internal usable dimension: 900 x 400 mm
60.098.200VA	900 x 400 x 190	Drawer for hinged door cabinet Front height 200 mm, load capacity 50 kg	Drawer suitable for all hinged door cabinets, pull-out 100 %, internal usable dimension: 900 x 400 mm



- Robust, welded sheet steel construction
- Resistant powder coating
- Glazed doors with moulded recess cylinder lock
- When using drawers and pull-outs, the opening angle must be 130°, therefore these hinged-door wardrobes not be placed directly next to each other.



# CNC hinged door cabinet with glazed doors R 36-16

- 2x fixed, inclined tool holder frame (WAR)
- 2x pull-out tool holder frame (WAR)
- Supplied without tools and inserts

Item no.	Dimensions in mm (WxDxH)	Product name	Description
02.117.04.01	980 x 500 x 1838	CNC hinged door cabinet with glazed doors R 36-16	2x fixed and 2x pull-out CNC tool holder frame (WAR), without tools and inserts
04.090.013	925 x 443 x 22	Shelf	Fixed shelf, height-adjustable, load capacity 80 kg
02.89WAR900	924 x 425 x 87	CNC tool holder frame (WAR), straight/inclined	Suitable for all hinged door cabinets, can be used straight/inclined, load capacity 80 kg
02.89WARA900	926 x 450 x 60	CNC tool holder frame (WAR), pull-out	Suitable for all hinged door cabinets, Pull-out 100 %, load capacity 50 kg

Hu

CNC inserts see page 153/154

# **CNC** cabinets and workbenches

# **CNC hinged door cabinet R 36-16**

• When using drawers and pull-outs, the opening angle must be 130°, therefore these hinge-door wardrobes cannot be placed directly next to each other.











# CNC hinged door cabinet (empty) R 36-16

- Hinged door cabinet with solid sheet doors
- With moulded recess cylinder lock

Item no.	Dimensions in mm (WxDxH)	Usable height in mm
04.109	980 x 500 x 1019	900
04.118	980 x 500 x 1838	1719

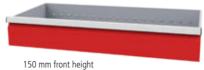


# CNC hinged door cabinet with glazed doors (empty) R 36-16

- Hinged door cabinet with glazed doors (acrylic glass)
- With moulded recess cylinder lock

Item no.	Dimensions in mm (WxDxH)	Usable height in mm
04.117	980 x 500 x 1838	1719







# Drawers for hinged door cabinet R 36-16

- Full pull-out 100 %
- Includes rails and fastening material
- Usable drawer dimension, internal: 900 x 400 mm
- Max. load capacity 50 kg

Item no.	Front height in mm	Shell height in mm	Usable height in mm
60.098.100VA	100	85	90
60.098.150VA	150	135	140
60.098.200VA	200	185	190



# New

# Pull-out shelf for hinged door cabinet

- Shelf with upstand, pull-out 100 %
- Includes rails and fastening material

Item no.	Dimensions in mm (WxDxH)	Load capacity
04.090.014	926 x 442 x 70	max. 50 kg
04.090.14-75		max. 75 kg



# Shelf for hinged door cabinet

- Max. load capacity 80 kg
- Includes fastening material

Item no.	Dimensions in mm (WxDxH)	Designation
04.090.013	925 x 443 x 22	Fixed shelf, height-adjustable, bolted



# CNC tool holder frame (WAR) for hinged door cabinet

- Can be used straight/inclined
- Includes fastening material

Item no.	Dimensions in mm (WxDxH)	Load capacity (kg)
02.89WAR900	924 x 425 x 87	80
02.89WAR9005	924 x 425 x 87	140

	CNC E1	CNC E2	CNC E3
Maximum insert capacity per carrier for 02.89WAR900 and 02.89WAR9005	48*	33*	24*



# CNC tool holder frame (WAR) for hinged door cabinet

- Pull-out 100 %
- Includes rails and fastening material

02.89WARA900 926 x 450	) x 60	0

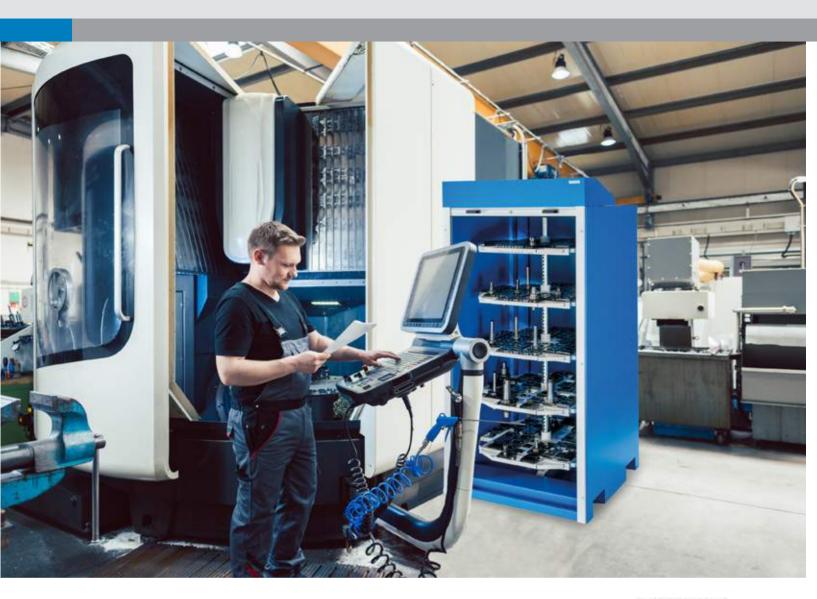
	CNC E1	CNC E2	CNC E3
Maximum insert capacity per carrier for 02.89WARA900	48*	33*	24*

# **Bracket retrofit kit for CNC** tool holder frame

- Load capacity 140 kg
- 4-part set

Item no.	Dimensions in mm (WxDxH)
02.89W140	76 x 29 x 12

# **CNC RotaRex® large cabinet**



### Your advantages

- Barrier-free access to the cabinet no impairment by pull-outs
- Space-saving high quantity of inserts with minimal storage area, up to 400x SK30 or up to 300x SK40 tools fit in 1m²
- Optimised work process as all tools are quickly within reach
- Opening/usable height: 1790 mm
- Forklift base for transport. Warning! RotaRex® must not be transported when loaded!

# **Roller shutters**

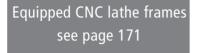
- The electrically driven roller shutter is operated by remote control
- Alternatively possible with spring-loaded shaft or hinged doors
- Multiple cabinets can be opened simultaneously with one remote control (on request)
- Aluminium-coloured plastic slats
- In case of a power failure or technical defect, emergency unlocking is provided on the rear of the cabinet

### Column

- Precision steel tube, Ø 60 mm
- Galvanized
- Total load 1.5 t
- For holding up to 5 CNC rotating frames Individually adjustable on a grid of 25 mm
- Individual readjustment of the column position thanks to a tongue on the bottom











# **CNC** rotating frame

- With handles and locking mechanism
- 16 lines for Tool inserts
- Supplied without inserts

Item no.	Dimensions in mm (Ø)
02.R01	915

# CNC-RotaRex® with electric roller shutters

- With remote control
- Without CNC rotating frame

Item no.	Dimensions in mm (WxDxH)
02.1000.1	1055 x 1035 x 2130



# CNC-RotaRex® with manual roller shutters

■ Without CNC rotating frame

Item no.	Dimensions in mm (WxDxH)
02.1000.2	1055 x 1035 x 2130



# CNC-RotaRex® with hinged doors

- Glazed doors with acrylic glass
- Without CNC rotating frame

Item no.	Dimensions in mm (WxDxH)
02.1000.3	1055 x 1035 x 1955

# **CNC RotaRex® large cabinet**

**CNC-RotaRex**®

# **Lighting RotaRex**®

### Bring even more clarity to your RotaRex® cabinet.

The self-adhesive lighting set is attached to the inside of the RotaRex® housing and is circumferential. Each storage space is thus optimally illuminated.

The lighting time can be set manually between 30 seconds and 10 minutes. As soon as you open, approach or reach into your storage system, the lighting is activated by the sensor.

the lighting is activated by the sensor and gives you a better overview of your tools. Retrofitting is possible.







Optimally illuminated tool





# Lighting set

- Motion sensor
- LED Stribe warm white, clear coated
- X-adapter for connecting LED Stribes
- Self-adhesive on the back for easy mounting
- Simple plug-in system for easy installation
- Pleasant warm white LED light
- Transparent coating to protect the LED against contact or moisture
- Electrical connection with 230/12V required
- Energy-saving LED technology (saves up to 80 % compared to conventional incandescent lamps)

Item no.	Dimensions in mm (W x D )
02.BELROT	6000 x 10,5





### CNC rotating frame only for CNC-RotaRex®

- Dimensions (Ø): 915 mm
- Customer-specific height adjustment thanks to a grid of 25 mm in the column
- Up to 5 x CNC rotating frame fit in the RotaRex®, depending on the tool height
- All frames can be individually rotated 360°
- Maximum load of up to 300 kg per frame
- With handles for optimum access to each tool
- Locking at 90°, 180°, 270°, and 360°
- Smooth rolling with steel ball bearing guides
- CNC lathe frame only available in combination with a CNC-RotaRex® cabinet available.







### Tool insert size 1

- Tool insert 49 x 103 x 17 mm
- CNC rotating frame completely equipped with the inserts listed below
- Only suitable for CNC-RotaRex® cabinet

,			
Item no.	Туре	Number of inserts	Number of tools
02.R560130	SK 30	80	80
02.R570104	Capto C4	80	80
02.R560330	MK 3	80	80
02.R560340	MK 4	80	80
02.R560225	VDI 25	80	80
02.R560230	VDI 30	80	80



Example: equipped with tool inserts size E2



### Tool insert size 2

- Tool insert 74 x 103 x 17 mm
- CNC rotating frame completely equipped with the inserts listed below
- Only suitable for CNC-RotaRex® cabinet

Item no.	Туре	Number of inserts	Number of tools
02.R570150	HSK A 50/B 63	60	60
02.R570163	HSK A 63/B 80	60	60
02.R560140	SK 40	60	60
02.R570405	Capto C5	60	60
02.R560240	VDI 40	60	60
02.R560350	MK5	60	60



# Tool insert size 3

- Tool insert 99 x 103 x 17 mm
- CNC rotating frame completely equipped with the inserts listed below
- Only suitable for CNC-RotaRex® cabinet

Item no.	Туре	Number of inserts	Number of tools
02.R570132	HSK A 32/B 40	32	96
02.R570140	HSK A 40/B 50	32	64
02.R570180	HSK A 80/B 100	32	32
02.R5701100	HSK A 100/B 125	32	32
02.R560150	SK 50	32	32
02.R570103	Capto C3	32	96
02.R570106	Capto C6	32	32
02.R570108	Capto C8	32	32
02.R560250	VDI 50	32	32
02.R570100	Universal	32	32

# **CNC** workshop and transport trolleys

# CNC workshop trolley R 18-24 | R 24-24

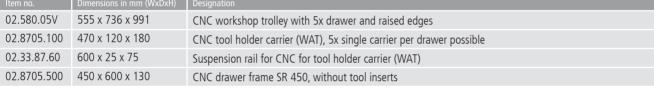
The optimum storage and safe transport of CNC tools significantly influence economic efficiency.

- Inserts see page 152/153
- Suspension rails 02.33.87.60 are required when using the single carrier (WAT).
- Supplied without tools and inserts

# CNC workshop trolley R18-24

- Raised edges and ribbed rubber mat
- 5x drawer
- Usable drawer dimension, internal: 450 x 600 mm
- Drawers with full pull-out 100 %
- Drawers with 50 mm front height, load capacity 70 kg Drawers with 100 mm front height, load capacity 100 kg Drawers with 400 mm front height, load capacity 180 kg
- With individual interlocking
- 2 fixed and 2 steering casters, Ø 125 mm with locks
- Max. load capacity 500 kg

Item no.	Dimensions in mm (WxDxH)	Designation
02.580.05V	555 x 736 x 991	CNC workshop trolley with 5x drawer and raised edges
02.8705.100	470 x 120 x 180	CNC tool holder carrier (WAT), 5x single carrier per drawer possible
02.33.87.60	600 x 25 x 75	Suspension rail for CNC for tool holder carrier (WAT)
02.8705.500	450 x 600 x 130	CNC drawer frame SR 450, without tool inserts



# CNC workshop trolley R24-24

- Raised edges and ribbed rubber mat
- 4x drawer
- Usable drawer dimension, internal: 600 x 600 mm
- Drawers with full pull-out 100 %
- Drawers with 50 mm front height, load capacity 70 kg Drawers with 100 mm front height, load capacity 100 kg Drawers with 400 mm front height, load capacity 180 kg
- With individual interlocking
- 2 fixed and 2 steering casters, Ø 125 mm with locks
- Max. load capacity 500 kg

Item no.	Dimensions in mm (WxDxH)	Designation
02.780.04V	705 x 736 x 991	CNC workshop trolley with 4 drawer and raised edges
02.8707.100	620 x 120 x 180	CNC tool holder carrier (WAT), 5x single carrier per drawer possible
02.33.87.60	600 x 25 x 75	Suspension rail for CNC for tool holder carrier (WAT)
02.8707.500	600 x 600 x 130	CNC drawer frame SR 600, without tool inserts





# CNC transport trolley with garage R24-24 | 36-24

**CNC** storage and transport systems

- Optimum storage and safe transport
- \*Number of possible inserts for sizes E1, E2, E3 see page 152/153





# Housing for CNC trolley 02.85.07, R24-24

Item no.	Dimensions in mm (WxDxH)	Description	CNC E1	CNC E2	CNC E3
02.86.07	705 x 736 x 1019	Garage, lockable with cylinder lock			
02.85.07	560 x 630 x 950	CNC trolley with handle, 2x fixed and 2x steering caster, $\varnothing$ 125 mm with locks, without tool inserts and tool carrier	60*	42*	30*
02.8707.100	620 x 120 x 180	*CNC tool holder carrier (WAT) 600 for R 24-24, 6x single carrier per trolley possible. Capacity see table below.	10*	7*	5*
02.85.08	535 x 336 x 36	Bottom tray for CNC trolley			



# Housing for CNC trolley 02.85.01, R36-24

3	•				
Item no.	Dimensions in mm (WxDxH)	Description	CNC E1	CNC E2	CNC E3
02.86.01	705 x 1003 x 1019	Garage, lockable with cylinder lock			
02.85.01	560 x 930 x 950	CNC trolley with handle, $2x$ fixed and $2x$ steering caster, $\emptyset$ 125 mm with locks, without tool inserts and tool carrier	96*	66*	48*
02.8710.100	920 x 120 x 180	*CNC tool holder carrier (WAT) 900 for R36-24, 6x single carrier per trolley possible. Capacity see table below.	16*	11*	8*
02.85.06	835 x 330 x 36	Bottom tray for CNC trolley			



# **CNC** workshop and transport trolleys

# **CNC** transport trolley

- Optimum storage and safe transport
- Supplied without tools and inserts
- \*Number of possible inserts for sizes E1, E2, E3 see page 152/153







# CNC trolley (empty) for max. 8 CNC carriers 02.8707.100

- 2x fixed and 2x steering caster, Ø 125 mm with locks
- Max. capacity of CNC inserts with 8x carrier (see table)
- Max. load capacity 400 kg

Item no.	Dimensions in mm (WxDxH)	CNC E1	CNC E2	CNC E3
02.88.01	480 x 900 x 860	56*	40*	24*
02.88.00	630 x 900 x 860	80*	56*	40*





# CNC trolley with 1 level (empty) for CNC tools

- lacksquare 2x fixed and 2x steering caster,  $\varnothing$  200 mm with locks
- 1x tool frame, top
- 1x shelf, bottom
- Max. capacity of CNC inserts see table
- Max. load capacity 400 kg

Item no.	Dimensions in mm (WxDxH)	CNC E1	CNC E2	CNC E3
02.092.02	950 x 665 x 950	80*	55*	40*



### CNC trolley with 2 levels (empty) for CNC tools

- 2x fixed and 2x steering caster, Ø 200 mm with locks
- 2x tool frame
- Max. capacity of CNC inserts see table
- Max. load capacity 400 kg

Item no.	Dimensions in mm (WxDxH)	CNC E1	CNC E2	CNC E3
02.092.01	950 x 665 x 950	160*	110*	80*

# **CNC** transport trolley

- 2x fixed and 2x steering caster, Ø 125 mm with locks
- Ergonomic handle, enabling the multi-trolleys to move extremely smoothly and be used anywhere
- Individual arrangements possible
- Max. load capacity 500 kg
- \*Number of possible inserts for sizes E1, E2, E3 see page 152/153







Pos.	Item no.	Dimensions in mm (WxDxH)	Description
1	07.58.10-1	990 x 610 x 1450	CNC trolley (empty) with bottom shelf
2	07.58.22	980 x 200 x 30	Top shelf for CNC trolley
3	02.910.02	942 x 263 x 134	Tool holding shelf, wide, WABg 900 2x cassette with bolted mounting brackets, 0°, 10° & 20° inclinable
4	02.910.01	942 x 147 x 134	Tool holding shelf, narrow, WABk 900 1x cassette with bolted mounting brackets, 0°, 10° & 20° inclinable



# Tool holding shelf, single-row

■ WABk 900

Item no.	Dimensions in mm (WxDxH)	CNC E1	CNC E2	CNC E3
02.910.01	942 x 147 x 134	16*	11*	8*



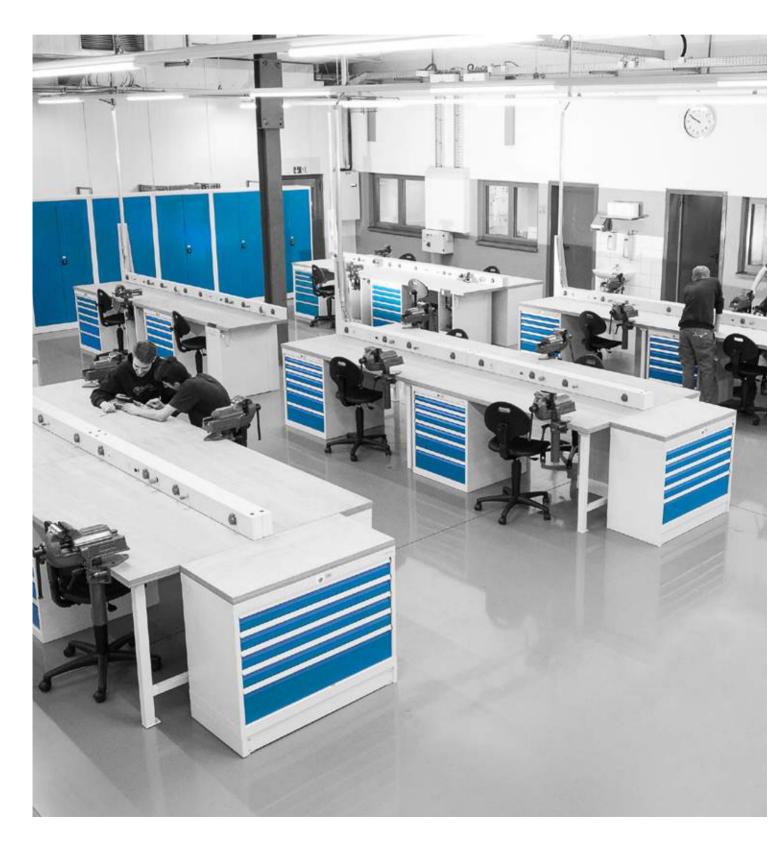
# Tool holding shelf, double-row

■ WABq 900

Item no.	Dimensions in mm (WxDxH)	CNC E1	CNC E2	CNC E3
02.910.02	942 x 263 x 134	32*	22*	16*



# Workbenches





Grid subdivision and locking systems

Page 178





Box workbenches T600 Page 184



Box workbenches T750 Page 190











Inline workbenches Page 218





Other workbenches Page 230



Workbench accessories Page 236



		Series T500	Series T500	Series T500	Series T500
		Housing W x D			
		380 x 500	530 x 500	680 x 500	980 x 500
Housing		Usable heights	Usable heights	Usable heights	Usable heights
21	5	150	-	-	-
365 465		300*	300*	-	-
		400*	400*	_	-
469	9	-	350	-	-
51:	9	-	400	400	-
61:	9	_	500	500	500
71:	9	_	600	600	600
81	9	-	700	700	700
91:	9	_	800	800	800
101		_	900	900	900
			× III	× I	×
		Drawer W x D			
		300 x 400	450 x 400	600 x 400	900 x 400
Front height	Shell height	Load capacity	Load capacity	Load capacity	Load capacity
75	59	50 kg	50 kg	50 kg	50 kg
100	85	50 / 75 kg			
150	135	50 / 75 kg			
200	185	50 / 75 kg			
250	185	50 / 75 kg			
300	185	50 / 75 kg			
		$\forall$	$\forall$	$\Rightarrow$	× -
		Series	Series	Series	Series
		T500	T500	T500	T500
		T500 12-16	T500 18-16	T500 24-16	T500 36-16
Gri	d:	R 12-16	R 18-16	R 24-16	R 36-16

<sup>\*</sup> Hanging drawer block, bottom open All dimensions in mm

T736 Workbenches

		Series	Series	Series	Series
		T736	T736	T736	T736
		Housing W x D	Housing W x D	Housing W x D	Housing W x D
		555 x 736	705 x 736	1005 x 736	1305 x 736
Housing height		Usable heights	Usable heights	Usable heights	Usable heights
20		150*			
21		150*			
35		300*	300		
36		300*			
46		400*			
51		400	400	400	-
61	9	500	500	500	-
71	9	600	600	600	-
81	9	700	700	700	700
91	9	800	800	800	800
1019		900	900	900	900
		$\sim$	$\sim$	$\triangleright$	$\sim$
		Drawer W x D	Drawer W x D	Drawer W x D	Drawer W x D
		450 x 600	600 x 600	900 x 600	1200 x 600
Front height	Shell height	Load capacity	Load capacity	Load capacity	Load capacity
50	28	70 kg	70 kg	70 kg	100
75	56	100 kg	100 kg	100 kg	100 kg
100	81	100 / 180 kg	100 / 180 kg	100 / 180 kg	180 kg
125	81	100 / 180 kg	100 / 180 kg	100 / 180 kg	180 kg
150	131	100 / 180 kg	100 / 180 kg	100 / 180 kg	180 kg
175	131	100 / 180 kg	100 / 180 kg	100 / 180 kg	180 kg
200	181	100 / 180 / 300 kg	100 / 180 / 300 kg	100 / 180 / 300 kg	180 kg
250	181	100 / 180 / 300 kg	100 / 180 / 300 kg	100 / 180 / 300 kg	180 kg
300	181	100 / 180 / 300 kg	100 / 180 / 300 kg	100 / 180 / 300 kg	-
400	81	100 / 180 kg	100 / 180 kg	100 / 180 kg	-
			×.	×.	
		Series	Series	Series	Series
		T736	T736	T736	T736
		T736 18-24	T736 24-24	T736 36-24	T736 48-24
Gri	d:	R 18-24	R 24-24	R 36-24	R 48-24





Grid: R 12-14 R 24-12 R 12-16 R 18-16 R 24-16 R 36-16 R 18-24 R 24-24 R 36-24 R 48-24



Please note

To set up an e-lock, you need the key management in the form of the management key and the programming key.

# Pin code E-lock

The pin code e-lock can be opened with a 4-7 digit numerical code. The programming of the users and their pin codes is done by means of administration and programming keys.

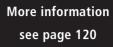
- Key is replaced with numerical code
- Lever mechanism
- Management with management and programming key
- Lock housing made entirely of steel
- Inlet mounting
- Rotation angle 90° or 180°
- Opening and closing by turning the knob
- Operation via buttons; management with electronic keys
- Emergency power supply via management key
- Surface finish: brushed nickel
- Horizontal alignment
- Vertical orientation for vertical pull-outs (MRS®)

### Technical data recessed lock

- Locking with a 4-7 digit numerical code
- Protection class IP55
- Power supply via 2x AAA batteries
- Dimensions (W x D x H): 105.17mm x 2.7mm x 29.57 mm (incl. knob 9.75mm)
- 2 years warranty

# Technical data surface-mounted lock (retrofitting)

- Locking with a 4-7 digit numerical code
- Protection class IP55
- Power supply via 2 x lithium batteries CR2450
- Dimensions (W x D x H): 133 mm x 31.5 mm x 20.4mm (incl. knob depth 7.7mm)
- 2 years warranty





Video Pin code F-lock



### Pin code E-lock

Item no.	Lock variant			
01PINSLEIN	Pin code E-lock 180° locking, recessed built-in (cannot be retrofitted)			
01PINSLAUF	Pin code E-lock 180° locking, surface-mounted (retrofittable)			
01PINSLEINZ	Pin code E-lock 90° for single drawer recessed fitted		1	
01PINFLRE	Pin code E-lock hinged right for hinged door	(	Aq.	
01PINFLLI	Pin code E-lock hinged left for hinged door			
01PINFL2	Pin code E-lock for double wing door			





Please note

To set up an e-lock, you need the key management in the form of the management key and the programming key.

### **RFID E-lock**

The RFID e-lock can be opened with an RFID card or a chip. The programming of the locks is done by means of management and programming keys.



Video RFID E-loc

- Key or numerical code is replaced with RFID
- Lever mechanism
- Management with management and programming key
- Operation via RFID
- Inlet mounting
- Rotation angle 90° or 180°
- Opening and closing by turning the knob
- 4 x AA batteries; protection class IP55
- Emergency power supply via management key
- Housing made entirely of metal
- Surface finish: brushed nickel
- Horizontal alignment
- Vertical orientation for vertical pull-outs (MRS®)

#### Technical data recessed lock

- Closure with RFID standards: iClass and Mifare (13.56 MHz) ISO 14443A - ISO 14443B - ISO 15693
- Protection class IP55
- Power supply via 4 x AA batteries
- Dimensions (W x D x H): 105.17mm x 2.7mm x 29.57 mm (incl. knob 9.75mm)
- 2 years warranty

#### Technical data surface-mounted lock (retrofitting)

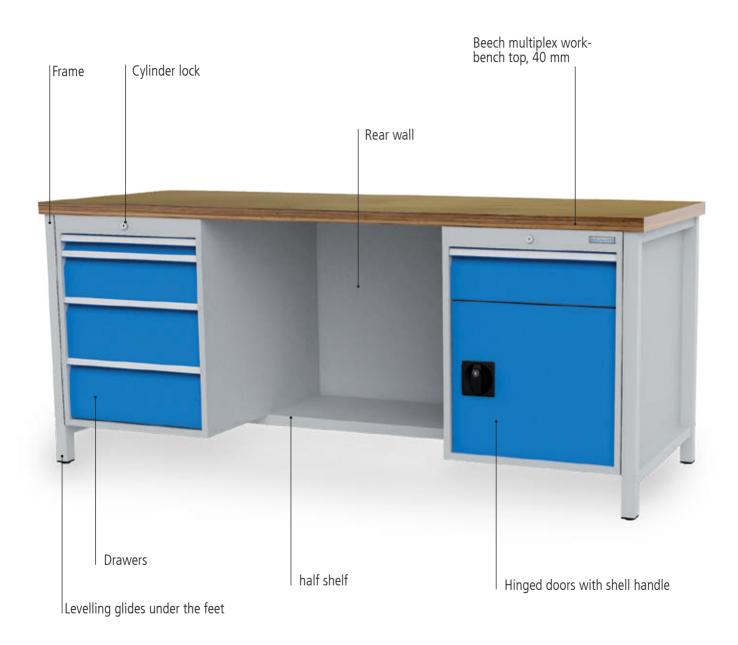
- Closure with RFID standards: iClass and Mifare (13.56 MHz)
   ISO 14443A ISO 14443B ISO 15693
- Protection class IP55
- Power supply via 4 x AA batteries
- Dimensions (W x D x H): 133 mm x 31.5 mm x 20.4 mm (incl. knob depth 7.7 mm)
- 2 years warranty





Item no.	Lock variant	
01RFIDSLEIN	RFID e-lock 180° locking, recessed built-in (cannot be retrofitted)	
01RFIDSLAUF	RFID e-lock 180° locking, fitted on top (can be retrofitted)	
01RFIDSLEINZ	RFID e-lock 90° for single drawer recessed built-in	6 [
01RFIDFLRE	RFID E-lock hinged right for hinged door	
01RFIDFLLI	RFID E-lock hinged left for hinged door	
01RFIDFL2	RFID e-lock for double wing door	





Box workbenches Workbenches

- No unassembled goods complete assembly at the factory
- Construction made of 40 x 40 x 2 mm square tube
- Housing made from high-quality thin sheet metal, frame 1.5 mm thick
- workbenches with a maximum load of up to 1 t
- Secure central locking, combination locking systems are possible
- Drawers with ball-bearing guides
- Recessed drawers and doors, therefore no risk of injury due to protruding handle bars
- Worktop made of beech multiplex, glue laminated, oiled, water-repellent
- Levelling glides under the feet

Higher usable height

# Depth 600 mm

Quick info		
Worktop	Beech multiplex	40 mm
	Usable height	600 mm
	Full pull-out	100 %
Drawers	Single pull-out lock	Yes
	Load capacity	50 / 75 kg
	Ball-bearing guides	Yes
Grid	R 18-16 and R 24-16	
Lock	Cylinder lock with two keys	Yes
LUCK	Master key capable	Yes

General dimensions		
Work height	859/959 mm + HA 200 or 300 mm possible	
Worktop depth	600 mm	
Drawer heights	75, 100, 150, 200, 250, 300 mm	
Internal drawer height	Front height minus 10 mm	
Drawer (W x D)	450 x 400 mm, 600 x 400 mm	
Classification of all the contractions of the contraction of the contr	المناه والمحفوذ المناه والمناه والمناه والمناه والمناه والمناء والمناه والمناه والمناه والمناه والمناه	

Choose from our extensive range of colours. Combinations are possible without extra charge. When placing your order, please indicate the desired colour/colour combination. 1st colour = body colour, 2nd colour = front colour Our standard colours can be found on page 27

# Depth 750 mm

Quick info			
Worktop Beech multiplex		40 mm	
	Usable height	600 mm	
	Full pull-out	100 %	
Drawers	Single pull-out lock	Yes	
	Load capacity	70 – 300 kg	
	Ball-bearing guides	Yes	
Grid	R 18-24 and R 24-24		
Lock	Cylinder lock with two keys	Yes	
LUCK	Master key capable	Yes	

General dimensions	
Work height	859/959 mm + HA 200 or 300 mm possible
Worktop depth	750 mm
Drawer heights	50, 75, 100, 125, 150, 175, 200, 250, 300, 400 mm
Internal drawer height	Front height minus 17 mm
Drawer (W x D)	450 x 600 mm, 600 x 600 mm
Choose from our extensive range of colours. Combinations are possible without extra charge. When placing your order, please indicate the desired colour/colour combination. $1^{st}$ colour = body colour. $2^{nd}$ colour = front colour Our standard colours can be found on page 27	



Grid: R 12-14 R 24-12 R 24-16 R 12-16 R 18-16 R 24-16 R 36-16 R 18-24 R 24-24 R 36-24 R 48-24

## Box workbenches 1250| Depth 600 mm

- Drawer interior dimension 450 x 400 mm
- Ball bearing guides
- Full pull-out (FP) 100 %
- Load capacity either 50 kg or 75 kg
- Only a load capacity of 50 kg is possible for drawers with a front height of 75 mm
- Beech multiplex workbench top, 1250 x 600 x 40 mm
- Levelling feet
- Cylinder lock with two keys
- Working height 859 mm
- 1000 kg total load capacity





- Left: 3 x Drawer
- Right: 3 x Drawer

Item no.	Dimensions in mm (WxDxH)	Load capacity
03T512H60150	1250 600 950	50 kg
03T512H60175	1250 x 600 x 859	75 kg

# Individual arrangement

# Workbench with 2x empty housing, usable height 600 mm

■ Incl. beech multiplex worktop 40 mm

Item no.	Dimensions in mm (WxDxH)
03T5125H6.00	1250 x 600 x 859

### Hinged doors

Item no.	Usable heights (mm)	Width (mm)
01.053.450E	450	495
01.053.600E	600	495

#### Shelf

Item no.	Dimensions in mm (WxDxH)
04.053.013	475 x 443 x 22

#### Height adjustment of 200 mm

Item no.	Grid
03.15.95	25 mm



- 450 x 400 mm (W x D) with full pull-out 100%
- Only a load capacity of 50 kg is possible for drawers with a front height of 75 mm

Item no.	Front height in mm	Shell height in mm	Usable height in mm	Load capacity
60.046.075VA	75	59	60	50 kg
60.046.100VA	100	85	90	50 kg
60.046.150VA	150	135	140	50 kg
60.046.200VA	200	185	190	50 kg
60.046.250VA	250	185	240	50 kg
60.046.300VA	300	185	290	50 kg
60.046.100VA-75	100	85	90	75 kg
60.046.150VA-75	150	135	140	75 kg
60.046.200VA-75	200	185	190	75 kg
60.046.250VA-75	250	185	240	75 kg
60.046.300VA-75	300	185	290	75 kg

R 18-16 Workbenches



150 200 150 200 150 150 200

- Left: 4 x Drawer
- Right: 4 x Drawer

Item no.	Dimensions in mm (WxDxH)	Load capacity
03T512H60250	1250 600 850	50 kg
03T512H60275	1250 x 600 x 859	75 kg

- Left: 4 x Drawer
- Right: 3 x Drawer

Item no.	Dimensions in mm (WxDxH)	Load capacity
03T512H60350	1250 y 600 y 850	50 kg
03T512H60375	1250 x 600 x 859	75 kg







- Left: 1 x Drawer, 1 x Hinged door
- Right: 1 x Drawer, 1 x Hinged door

Item no.	Dimensions in mm (WxDxH)	Load capacity
03T512H60450	1250 600 950	50 kg
03T512H60475	1250 x 600 x 859	75 kg

- Left: 3 x Drawer
- Right: 1 x Hinged door, 1x shelf

Item no.	Dimensions in mm (WxDxH)	Load capacity
03T512H60550	1250 x 600 x 859	50 kg
03T512H60575	1230 X 000 X 839	75 kg





150 150 150 150 150 150 150 150

- Left: 5 x Drawer
- Right: 5 x Drawer
- \*Only a load capacity of 50 kg is possible for drawers with a front height of 75 mm

Item no.	Dimensions in mm (WxDxH)	Load capacity
03T512H60650	1250 x 600 x 859	50 kg
03T512H60675	1230 X 600 X 639	75 kg

- Left: 4 x Drawer
- Right: 4 x Drawer

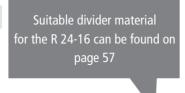
Item no.	Dimensions in mm (WxDxH)	Load capacity
03T512H60750	1250 x 600 x 859	50 kg
03T512H60775		75 kg

Grid: R 12-14 R 24-12 R 24-16 R 12-16 R 18-16 R 24-16 R 36-16 R 18-24 R 24-24 R 36-24 R 48-24

# Box workbenches 1500 | Depth 600 mm

- Drawer interior dimension 600 x 400 mm
- Ball bearing guides
- Full pull-out (FP) 100 %
- Load capacity either 50 kg or 75 kg
- Only a load capacity of 50 kg is possible for drawers with a front height of 75 mm
- Beech multiplex workbench top, 1500 x 600 x 40 mm
- Levelling feet
- Cylinder lock with two keys
- Working height 859 mm
- 1000 kg total load capacity









- Left: 4 x Drawer
- Right: 4 x Drawer

Item no.	Dimensions in mm (WxDxH)	Load capacity
03T515H60150	1500 x 600 x 859	50 kg
03T515H60175		75 kg

# Individual arrangement

# Workbench with 2x empty housing, usable height 600 mm

■ Incl. beech multiplex worktop 40 mm

Item no.	Dimensions in mm (WxDxH)
03T515H6.00	1500 x 600 x 859

#### **Hinged doors**

Item no.	Usable heights (mm)	Width (mm)
01.068.450E	450	645
01.068.600E	600	645

#### Shelf

Item no.	Dimensions in mm (WxDxH)
04.060.013	625 x 443 x 22

### Height adjustment of 200 mm

Item no.	Raster
03.15.95	25 mm



- 600 x 400 mm (W x D) with full pull-out 100%
- Only a load capacity of 50 kg is possible for drawers with a front height of 75 mm

Item no.	Front height in mm	Shell height in mm	Usable height in mm	Load capacity
60.068.075VA	75	59	60	50 kg
60.068.100VA	100	85	90	50 kg
60.068.150VA	150	135	140	50 kg
60.068.200VA	200	185	190	50 kg
60.068.250VA	250	185	240	50 kg
60.068.300VA	300	185	290	50 kg
60.068.100VA-75	100	85	90	75 kg
60.068.150VA-75	150	135	140	75 kg
60.068.200VA-75	200	185	190	75 kg
60.068.250VA-75	250	185	240	75 kg
60.068.300VA-75	300	185	290	75 kg

R 24-16 Workbenches



- Left: 4 x Drawer
- Right: 4 x Drawer

Item no.	Dimensions in mm (WxDxH)	Load capacity
03T515H60250	1500 600 850	50 kg
03T515H60275	1500 x 600 x 859	75 kg



- Left: 4 x Drawer
- Right: 1 x Drawer, 1 x Hinged door

Item no.	Dimensions in mm (WxDxH)	Load capacity
03T515H60350	1500 x 600 x 859	50 kg
03T515H60375		75 kg



- 200 200 200 200

- Left: 1 x Drawer, 1 x Hinged door
- Right: 1 x Drawer, 1 x Hinged door

Item no.	Dimensions in mm (WxDxH)	Load capacity
03T515H60450	1500 × 600 × 950	50 kg
03T515H60475	1500 x 600 x 859	75 kg

- Left: 3 x Drawer
- Right: 3 x Drawer

Item no.	Dimensions in mm (WxDxH)	Load capacity
03T515H60550	1500 600 950	50 kg
03T515H60575	1500 x 600 x 859	75 ka



- Left: 4 x Drawer
- Right: 4 x Drawer
- \*Only a load capacity of 50 kg is possible for drawers with a front height of 75 mm

Item no.	Dimensions in mm (WxDxH)	Load capacity
03T515H60650	1500 x 600 x 859	50 kg
03T515H60675		75 kg



- Left: 5 x Drawer
- Right: 4 x Drawer
- \*Only a load capacity of 50 kg is possible for drawers with a front height of 75 mm

Item no.	Dimensions in mm (WxDxH)	Load capacity
03T515H60750	1500 x 600 x 859	50 kg
03T515H60775		75 kg



Grid: R 12-14 R 24-12 R 24-16 R 12-16 R 18-16 R 24-16 R 36-16 R 18-24 R 24-24 R 36-24 R 48-24

## Box workbenches 2000 | Depth 600 mm

- Drawer interior dimension 450/600 x 400 mm
- Ball bearing guides
- Full pull-out (FP) 100 %
- Load capacity either 50 kg or 75 kg
- Only a load capacity of 50 kg is possible for drawers with a front height of 75 mm
- Beech multiplex workbench top, 2000 x 600 x 40 mm
- Levelling feet
- Cylinder lock with two keys
- Working height 859 mm
- 1000 kg total load capacity

### Individual arrangement

R 18-16

R 24-16

R 18-16



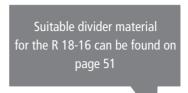
#### Workbench with 3x empty housing, usable height 600 mm

Incl. beech multiplex worktop 40 mm

Item no.	Dimensions in mm (WxDxH)
03T520H6.00	2000 x 600 x 859

- 450 x 400 mm (B x T) mit Vollauszug 100%
- Only a load capacity of 50 kg is possible for drawers with a front height of 75 mm

Item no.	Front height in mm	Shell height in mm	Usable height in mm	Load capacity
60.046.075VA	75	59	60	50 kg
60.046.100VA	100	85	90	50 kg
60.046.150VA	150	135	140	50 kg
60.046.200VA	200	185	190	50 kg
60.046.250VA	250	185	240	50 kg
60.046.300VA	300	185	290	50 kg
60.046.100VA-75	100	85	90	75 kg
60.046.150VA-75	150	135	140	75 kg
60.046.200VA-75	200	185	190	75 kg
60.046.250VA-75	250	185	240	75 kg
60.046.300VA-75	300	185	290	75 kg





Higher usable height

#### Hinged doors R 18-16

Item no.	Usable heights (mm)	Width (mm)
01.053.450E	450	495
01.053.600E	600	495

#### Hinged doors R 24-16

Item no.	Usable heights (mm)	Width (mm)
01.068.450E	450	645
01.068.600E	600	645

#### Shelf R 18-16

Item no.	Dimensions in mm (WxDxH)
04.053.013	475 x 443 x 22

#### Shelf R 24-16

Item no.	Dimensions in mm (WxDxH)
04.060.013	625 x 443 x 22

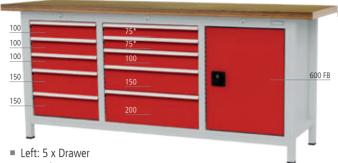
#### Height adjustment of 200 mm

Item no.	Grid
03.15.95	25 mm

- 600 x 400 mm (W x D) with full pull-out 100%
- Only a load capacity of 50 kg is possible for drawers with a front height of 75 mm

Item no.
60.068.075VA
60.068.100VA
60.068.150VA
60.068.200VA
60.068.250VA
60.068.300VA
60.068.100VA-75
60.068.150VA-75
60.068.200VA-75
60.068.250VA-75
60.068.300VA-75

R 18-16 R 24-16 Workbenches



■ Central: 5 x Drawer

Right: 1 x Hinged door, 1 x Shelf

• \*Only a load capacity of 50 kg is possible for drawers with a front height of 75 mm

Item no.	Dimensions in mm (WxDxH)	Load capacity
03T520H60250	2000 x 600 x 859	50 kg
03T520H60275		75 kg



■ Left: 1 x Drawer, 1 x Hinged door

■ Central: 4 x Drawer

Right: 4 x Drawer

Item no.	Dimensions in mm (WxDxH)	Load capacity
03T520H60350	2000 x 600 x 859	50 kg
03T520H60375		75 kg



- Left: 3 x Drawer
- Central: 3 x Drawer
- Right: 3 x Drawer

Item no.	Dimensions in mm (WxDxH)	Load capacity
03T520H60450	2000 x 600 x 859	50 kg
03T520H60475		75 kg



Left: 1 x Drawer, 1 x Hinged door

- Central: 5 x Drawer
- Right: 1 x Drawer, 1 x Hinged door
- \*Only a load capacity of 50 kg is possible for drawers with a front height of 75 mm

Item no.	Dimensions in mm (WxDxH)	Load capacity
03T520H60550	2000 x 600 x 859	50 kg
03T520H60575		75 kg



- 100 100 100 100 100 100 ■ Left: 3 x Drawer
- Central: 4 x Drawer
- Right: 5 x Drawer
- \*Only a load capacity of 50 kg is possible for drawers with a front height of 75 mm

Item no.	Dimensions in mm (WxDxH)	Load capacity
03T520H60650	2000 x 600 x 859	50 kg
03T520H60675		75 kg

- Left: 6 x Drawer
- Central: 4 x Drawer
- Right: 3 x Drawer

Item no.	Dimensions in mm (WxDxH)	Load capacity
03T520H60750	2000 x 600 x 859	50 kg
03T520H60775		75 kg



200

200

200

Grid: R 12-14 R 24-12 R 24-16 R 12-16 R 18-16 R 24-16 R 36-16 R 18-24 R 24-24 R 36-24 R 48-24

### Box workbenches 810 | Depth 750 mm

- Drawer interior dimension 450 x 600 mm
- Drawers with full pull-out (FP) 100%
- Drawers with 50 mm front height, load capacity 70 kg
   Drawers from 75 mm front height, load capacity 100 kg
   Load capacity 180 kg on request
- Beech multiplex workbench top, 810 x 750 x 40 mm
- Levelling feet
- Cylinder lock with two keys
- Working height 859 mm or 959 mm
- 1000 kg total load capacity

Suitable divider material for the R 18-24 can be found on page 75







Item no.	Dimensions in mm (WxDxH)
03.055.05V	810 x 750 x 859
03.055.05V9	810 x 750 x 959



2x drawer, 1x hinged door

60.50.300V10

300

Item no.	Dimensions in mm (WxDxH)
03.055.01V	810 x 750 x 859
03.055.01V9	810 x 750 x 959



■ 5x drawer

Item no.	Dimensions in mm (WxDxH)	
03.055.06V	810 x 750 x 859	
03.055.06V9	810 x 750 x 959	

100 kg

## Individual arrangement

# Workbench with empty housing Usable height 600 mm

Incl. beech multiplex worktop 40 mm

Item no.	Dimensions in mm (WxDxH)
03.055.001	810 x 750 x 859
03.055.001-9	810 x 750 x 959

#### **Hinged doors**

■ Usable width 495 mm

Item no.	Version	Usable heights (mm)
03.050.450L	left	450
03.050.450R	right	450
03.050.600	left+right	600

### Shelf

Item no.	Dimensions in mm (WxDxH)
03.1094.01	499 x 705 x 20

#### Height adjustment of 200 mm

Item no.	Grid
03.15.95	25 mm



450 x 600 mm (W x D) with full pull-out 100% - drawers with 50 mm front height: load capacity 70 kg; drawers from 75 mm front height: load capacity 100 kg

Item no.	Front height (mm)	Shell height (mm)	Usable heights (mm)
60.50.050V07	50	28	30
60.50.075V10	75	56	58
60.50.100V10	100	81	83
60.50.125V10	125	81	108
60.50.150V10	150	131	133
60.50.175V10	175	131	158
60.50.200V10	200	181	183
60.50.250V10	250	181	233

181

283

R 18-24 Workbenches



- 1x hinged door1x shelf

Item no.	Dimensions in mm (WxDxH)
03.055.07V	810 x 750 x 859
03.055.07V9	810 x 750 x 959



■ 2x drawer

100 100

■ 1x hinged door

Item no.	Dimensions in mm (WxDxH)
03.055.12V	810 x 750 x 859
03.055.12V9	810 x 750 x 959



- 3x drawer
- 1x hinged door

Item no.	Dimensions in mm (WxDxH)
03.055.08V	810 x 750 x 859
03.055.08V9	810 x 750 x 959



OX Ulawei		
Item no.	Dimensions in mm (WxDxH)	
03.055.09V	810 x 750 x 859	
02 055 001/0	040 750 050	

### ■ 6x drawer

Item no.	Dimensions in mm (WxDxH)
03.055.09V	810 x 750 x 859
03.055.09V9	810 x 750 x 959





Item no.	Dimensions in mm (WxDxH)
03.055.10V	810 x 750 x 859
03.055.10V9	810 x 750 x 959



#### 2x drawer

Item no.	Dimensions in mm (WxDxH)
03.055.11V	810 x 750 x 859
03.055.11V9	810 x 750 x 959



Grid: R 12-14 R 24-12 R 24-16 R 12-16 R 18-16 R 24-16 R 36-16 R 18-24 R 24-24 R 36-24 R 48-24

### Box workbenches 810 | Depth 750 mm

- Drawer interior dimension 600 x 600 mm
- Drawers with full pull-out (FP) 100%
- Drawers with 50 mm front height, load capacity 70 kg
   Drawers from 75 mm front height, load capacity 100 kg
   Load capacity 180 kg on request
- Beech multiplex workbench top, 810 x 750 x 40 mm
- Levelling feet
- Cylinder lock with two keys
- Working height 859 mm or 959 mm
- 1000 kg total load capacity

Suitable divider material for the R 24-24 can be found on page 83





■ 1x hinged door, 1x shelf

Item no.	Dimensions in mm (WxDxH)
03.075.01V	810 x 750 x 859
03.075.01V9	810 x 750 x 959



2x drawer, 1x hinged door

Item no.	Dimensions in mm (WxDxH)
03.075.03V	810 x 750 x 859
03.075.03V9	810 x 750 x 959



5x drawer

Item no.	Dimensions in mm (WxDxH)
03.075.06V	810 x 750 x 859
03.075.06V9	810 x 750 x 959

100 kg

## Individual arrangement

# Workbench with empty housing, usable height 600 mm

Incl. beech multiplex worktop 40 mm

Item no.	Dimensions in mm (WxDxH)
03.075.001	810 x 750 x 859
03.075.001-9	810 x 750 x 959

#### Hinged doors

■ Usable width 645 mm

Item no.	Version	Usable heights (mm)
03.070.450L	left	450
03.070.450R	right	450
03.070.600	left+right	600

#### Shelf

Item no.	Dimensions in mm (WxDxH)
03.1094.00	649 x 705 x 20

#### Height adjustment of 200 mm

Item no.	Grid
03.15.95	25 mm



■ 600 x 600 mm (W x D) with full pull-out 100% - drawers with 50 mm front height: load capacity 70 kg; drawers from 75 mm front height: load capacity 100 kg

Item no.	Front height (mm)	Shell height (mm)	Usable heights (mm)
60.70.050V07	50	28	30
60.70.075V10	75	56	58
60.70.100V10	100	81	83
60.70.125V10	125	81	108
60.70.150V10	150	131	133
60.70.175V10	175	131	158
60.70.200V10	200	181	183
60.70.250V10	250	181	233
60.70.300V10	300	181	283

Workbenches R 24-24



- 2x drawer
- 1x hinged door

Item no.	Dimensions in mm (WxDxH)
03.075.12V	810 x 750 x 859
03.075.12V9	810 x 750 x 959



- 3x drawer
- 1x hinged door

Item no.	Dimensions in mm (WxDxH)
03.075.08V	810 x 750 x 859
03.075.08V9	810 x 750 x 959







#### ■ 3x drawer

Item no.	Dimensions in mm (WxDxH)
03.075.05V	810 x 750 x 859
03.075.05V9	810 x 750 x 959

■ 6x drawer

Item no.	Dimensions in mm (WxDxH)
03.075.09V	810 x 750 x 859
03.075.09V9	810 x 750 x 959





#### 3x drawer

Item no.	Dimensions in mm (WxDxH)
03.075.10V	810 x 750 x 859
03.075.10V9	810 x 750 x 959

■ 2x drawer

Item no.	Dimensions in mm (WxDxH)
03.075.11V	810 x 750 x 859
03.075.11V9	810 x 750 x 959

Grid: R 12-14 R 24-12 R 24-16 R 12-16 R 18-16 R 24-16 R 36-16 R 18-24 R 24-24 R 36-24 R 48-24

# Box workbenches 1250 | Depth 750 mm

- Drawer interior dimension 450 x 600 mm
- Drawers with full pull-out (FP) 100%
- Drawers with 50 mm front height, load capacity 70 kg
   Drawers from 75 mm front height, load capacity 100 kg
   Load capacity 180 kg on request
- Beech multiplex workbench top, 1250 x 750 x 40 mm
- Levelling feet
- Cylinder lock with two keys
- Working height 859 mm or 959 mm
- 1000 kg total load capacity



Item no.	Dimensions in mm (WxDxH)	
03.12.13V	1250 x 750 x 859	
03.12.13V9	1250 x 750 x 959	

Suitable divider material for the R 18-24 can be found on page 75





Item no.	Dimensions in mm (WxDxH)	
03.12.15V	1250 x 750 x 859	
03.12.15V9	1250 x 750 x 959	

### Individual arrangement

# Workbench with 2x empty housing, usable height 600 mm

■ Incl. beech multiplex worktop 40 mm

Item no.	Dimensions in mm (WxDxH)	
03.12.001	1250 x 750 x 859	
03.12.001-9	1250 x 750 x 959	

#### **Hinged doors**

■ Usable width 495 mm

Item no.	Version	Usable heights (mm)
03.050.450L	left	450
03.050.450R	right	450
03.050.600	left+right	600

#### Shelf

■ Load capacity 80 kg

	, ,
	Dimensions in mm (WxDxH)
03.1094.01	499 x 705 x 20

### Height adjustment of 200 mm

Item no.	Grid
03.15.95	25 mm



■ 450 x 600 mm (W x D) with full pull-out 100% - drawers with 50 mm front height: load capacity 70 kg; drawers from 75 mm front height: load capacity 100 kg

Item no.	Front height (mm)	Shell height (mm)	Usable heights (mm)
60.50.050V07	50	28	30
60.50.075V10	75	56	58
60.50.100V10	100	81	83
60.50.125V10	125	81	108
60.50.150V10	150	131	133
60.50.175V10	175	131	158
60.50.200V10	200	181	183
60.50.250V10	250	181	233
60.50.300V10	300	181	283

R 18-24 Workbenches



50 100 450 450

- Left: 1x hinged door, 1x shelf
- Right: 1x hinged door, 1x shelf

Item no.	Dimensions in mm (WxDxH)
03.12.04V	1250 x 750 x 859
03.12.04V9	1250 x 750 x 959

- Left: 2x drawer, 1x hinged door
- Right: 2x drawer, 1x hinged door

Item no.	Dimensions in mm (WxDxH)
03.12.05V	1250 x 750 x 859
03.12.05V9	1250 x 750 x 959





- Left: 1x drawer, 1x hinged door
- Right: 1x drawer, 1x hinged door

Item no.	Dimensions in mm (WxDxH)
03.12.17V	1250 x 750 x 859
03.12.17V9	1250 x 750 x 959

- Left: 2x drawer, 1x hinged door
- Right: 2x drawer, 1x hinged door

Item no.	Dimensions in mm (WxDxH)
03.12.06V	1250 x 750 x 859
03.12.06V9	1250 x 750 x 959



- Left: 3x drawer
- Right: 5x drawer

Item no.	Dimensions in mm (WxDxH)
03.12.07V	1250 x 750 x 859
03.12.07V9	1250 x 750 x 959



- Left: 4x drawer
- Right: 4x drawer

Item no.	Dimensions in mm (WxDxH)
03.12.08V	1250 x 750 x 859
03.12.08V9	1250 x 750 x 959



Grid: R 12-14 R 24-12 R 24-16 R 12-16 R 24-16 R 36-16 R 18-24 R 24-24 R 36-24 R 18-16

# Box workbenches 1500 | Depth 750 mm

- Drawer interior dimension 450 x 600 mm
- Drawers with full pull-out (FP) 100%
- Drawers with 50 mm front height, load capacity 70 kg Drawers from 75 mm front height, load capacity 100 kg Load capacity 180 kg on request
- Beech multiplex workbench top, 1500 x 750 x 40 mm
- Levelling feet
- Cylinder lock with two keys
- Working height 859 mm or 959 mm
- 1000 kg total load capacity



- Left: 1x drawer, 1x hinged door
- Right: 1x drawer, 1x hinged door

Item no.	Dimensions in mm (WxDxH)
03.14.17V	1500 x 750 x 859
03.14.17V9	1500 x 750 x 959

Suitable divider material for the R 18-24 can be found on page 75



100 kg



- Left: 1x hinged door, 1x shelf
- Right: 3x drawer

Item no.	Dimensions in mm (WxDxH)
03.14.13V	1500 x 750 x 859
03.14.13V9	1500 x 750 x 959

# Individual arrangement

#### Workbench with 2x empty housing, usable height 600 mm

■ Incl. beech multiplex worktop 40 mm

Item no.	Dimensions in mm (WxDxH)
03.14.001	1500 x 750 x 859
03.14.001-9	1500 x 750 x 959

#### **Hinged doors**

■ Usable width 495 mm

Item no.	Version	Usable heights (mm)
03.050.450L	left	450
03.050.450R	right	450
03.050.600	left+right	600

#### Shelf

■ Load capacity 80 kg

	· ·
Item no.	Dimensions in mm (WxDxH)
03.1094.01	499 x 705 x 20

#### Height adjustment of 200 mm

Item no.	Grid
03.15.95	25 mm



■ 450 x 600 mm (W x D) with full pull-out 100% - drawers with 50 mm front height: load capacity 70 kg; drawers from 75 mm front height: load capacity 100 kg

Item no.	Front height (mm)	Shell height (mm)	Usable heights (mm)
60.50.050V07	50	28	30
60.50.075V10	75	56	58
60.50.100V10	100	81	83
60.50.125V10	125	81	108
60.50.150V10	150	131	133
60.50.175V10	175	131	158
60.50.200V10	200	181	183
60.50.250V10	250	181	233
60.50.300V10	300	181	283

R 18-24 Workbenches



100 450 450

- Left: 1x hinged door, 1x shelf
- Right: 1x hinged door, 1x shelf

Item no.	Dimensions in mm (WxDxH)
03.14.04V	1500 x 750 x 859
03.14.04V9	1500 x 750 x 959

- Left: 2x drawer, 1x hinged door
- Right: 2x drawer, 1x hinged door

■ Left: 2x drawer, 1x hinged door

Item no. Dimensions in mm (WxDxH)	
03.14.05V	1500 x 750 x 859
03.14.05V9	1500 x 750 x 959







- Left: 3x drawer
- Right: 3x drawer

Item no.	Dimensions in mm (WxDxH)
03.14.33V	1500 x 750 x 859
03.14.33V9	1500 x 750 x 959

Right: 2x drawer, 1x hinged door

	-	-	
-	 		
200			100
			100
200			100
			150
200			
-			150
J			

- 03.14.06V 1500 x 750 x 859 03.14.06V9 1500 x 750 x 959
- 150 150 150 150 150 150 150

- Left: 3x drawer
- Right: 5x drawer

Item no.	Dimensions in mm (WxDxH)
03.14.07V	1500 x 750 x 859
03.14.07V9	1500 x 750 x 959

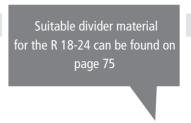
- Left: 4x drawer
- Right: 4x drawer

Item no.	Dimensions in mm (WxDxH)
03.14.08V	1500 x 750 x 859
03.14.08V9	1500 x 750 x 959

Grid: R 12-14 R 24-12 R 24-16 R 12-16 R 18-16 R 24-16 R 36-16 R 18-24 R 24-24 R 36-24 R 48-24

### Box workbenches 1500 | Depth 750 mm

- Drawer interior dimension 450 x 600 mm
- Drawers with full pull-out (FP) 100%
- Drawers with 50 mm front height, load capacity 70 kg
   Drawers from 75 mm front height, load capacity 100 kg
   Load capacity 180 kg on request
- Beech multiplex workbench top, 1500 x 750 x 40 mm
- Levelling feet
- Cylinder lock with two keys
- Working height 859 mm and 959 mm
- 1000 kg total load capacity





100 kg



Item no.	Dimensions in mm (WxDxH)
03.14.11V	1500 x 750 x 859
03.14.11V9	1500 x 750 x 959

### Individual arrangement

# Workbench with empty housing, usable height 600 mm

■ Incl. beech multiplex worktop 40mm

Item no.	Version	hight in mm
03.14.002	right	859
03.14.002-9	right	959
03.14.002GL	left	859
03.14.002-9GL	left	959

#### **Hinged doors**

■ Usable width 495 mm

Item no.	Version	Usable heights (mm)
03.050.450L	left	450
03.050.450R	right	450
03.050.600	left+right	600

#### Shelf

■ Load capacity 80 kg

Item no.	Dimensions in mm (WxDxH)
03.1094.01	499 x 705 x 20

#### Height adjustment of 200 mm

Item no.	Grid
03.15.95	25 mm



450 x 600 mm (W x D) with full pull-out 100% - drawers with 50 mm front height: load capacity 70 kg; drawers from 75 mm front height: load capacity 100 kg

load capacity 70 kg; drawers from 75 mm front neight: load capacity 100 kg			
Item no.	Front height (mm)	Shell height (mm)	Usable heights (mm)
60.50.050V07	50	28	30
60.50.075V10	75	56	58
60.50.100V10	100	81	83
60.50.125V10	125	81	108
60.50.150V10	150	131	133
60.50.175V10	175	131	158
60.50.200V10	200	181	183
60.50.250V10	250	181	233
60.50.300V10	300	181	283

R 18-24 Workbenches



- Left: 1x half shelf
- Right: 1x hinged door, 1x shelf

Item no.	Dimensions in mm (WxDxH)
03.14.21V	1500 x 750 x 859
03.14.21V9	1500 x 750 x 959



- Left: 6x drawer
- Right: 1x half shelf

Item no.	Dimensions in mm (WxDxH)
03.14.23-LV	1500 x 750 x 859
03.14.23-LV9	1500 x 750 x 959



- Left: 6x drawer
- Right: 1x half shelf

Item no.	Dimensions in mm (WxDxH)
03.14.26-LV	1500 x 750 x 859
03.14.26-LV9	1500 x 750 x 959



- Left: 1x half shelf
- Right: 1x drawer, 1x hinged door

Item no.	Dimensions in mm (WxDxH)
03.14.22V	1500 x 750 x 859
03.14.22V9	1500 x 750 x 959





- Left: 5x drawer
- Right: 1x half shelf

Item no.	Dimensions in mm (WxDxH)
03.14.24-LV	1500 x 750 x 859
03.14.24-LV9	1500 x 750 x 959



- Left: 2x drawer
- Right: 1x half shelf

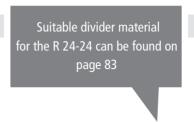
Item no.	Dimensions in mm (WxDxH)
03.14.27-LV	1500 x 750 x 859
03.14.27-LV9	1500 x 750 x 959



Grid: R 12-14 R 24-12 R 24-16 R 12-16 R 18-16 R 24-16 R 36-16 R 18-24 R 24-24 R 36-24 R 48-24

# Box workbenches 1500 | Depth 750 mm

- Drawer interior dimension 600 x 600 mm
- Drawers with full pull-out (FP) 100%
- Drawers with 50 mm front height, load capacity 70 kg
   Drawers from 75 mm front height, load capacity 100 kg
   Load capacity 180 kg on request
- Beech multiplex workbench top, 1500 x 750 x 40 mm
- Levelling feet
- Cylinder lock with two keys
- Working height 859 mm or 959 mm
- 1000 kg total load capacity





100 kg

100%



Item no.	Dimensions in mm (WxDxH)
03.15.07V	1500 x 750 x 859
03.15.07V9	1500 x 750 x 959

### Individual arrangement

# Workbench with 2x empty housing, usable height 600 mm

Incl. beech multiplex worktop 40 mm

Item no.	Dimensions in mm (WxDxH)
03.15.001	1500 x 750 x 859
03.15.001-9	1500 x 750 x 959

#### **Hinged doors**

■ Usable width 645 mm

Item no.	Version	Usable heights (mm)
03.070.450L	left	450
03.070.450R	right	450
03.070.600	left+right	600

#### Shelf

■ Load capacity 80 kg

	, ,
Item no.	Dimensions in mm (WxDxH)
03.1094.00	649 x 705 x 20

#### Height adjustment of 200 mm

Item no.	Grid
03.15.95	25 mm

60.70.300V10

300



■ 600 x 600 mm (W x D) with full pull-out 100% - drawers with 50 mm front height: load capacity 70 kg; drawers from 75 mm front height: load capacity 100 kg

Item no.	Front height (mm)	Shell height (mm)	Usable heights (mm)
60.70.050V07	50	28	30
60.70.075V10	75	56	58
60.70.100V10	100	81	83
60.70.125V10	125	81	108
60.70.150V10	150	131	133
60.70.175V10	175	131	158
60.70.200V10	200	181	183
60.70.250V10	250	181	233

181

283

R 24-24





- Left: 4x drawerRight: 4x drawer

Item no.	Dimensions in mm (WxDxH)
03.15.32V	1500 x 750 x 859
03.15.32V9	1500 x 750 x 959

- Left: 4x drawer
- Right: 1x hinged door, 1x shelf

Item no.	Dimensions in mm (WxDxH)
03.15.41V	1500 x 750 x 859
03.15.41V9	1500 x 750 x 959







Right: 4x drawer

Item no.	Dimensions in mm (WxDxH)
03.15.54V	1500 x 750 x 859
03.15.54V9	1500 x 750 x 959

- Left: 3x drawer
- Right: 1x hinged door, 1x shelf

Item no.	Dimensions in mm (WxDxH)
03.15.31V	1500 x 750 x 859
03.15.31V9	1500 x 750 x 959





- Left: 1x drawer, 1x hinged door
- Right: 1x hinged door, 1x shelf

Item no.	Dimensions in mm (WxDxH)
03.15.21V	1500 x 750 x 859
03.15.21V9	1500 x 750 x 959

- Left: 1x drawer, 1x hinged door
- Right: 2x drawer, 1x hinged door

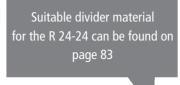
Item no.	Dimensions in mm (WxDxH)
03.15.23V	1500 x 750 x 859
03.15.23V9	1500 x 750 x 959



Grid: R 12-14 R 24-12 R 24-16 R 12-16 R 18-16 R 24-16 R 36-16 R 18-24 R 24-24 R 36-24 R 48-24

### Box workbenches 1500 | Depth 750 mm

- Drawer interior dimension 600 x 600 mm
- Drawers with full pull-out (FP) 100%
- Drawers with 50 mm front height, load capacity 70 kg
   Drawers from 75 mm front height, load capacity 100 kg
   Load capacity 180 kg on request
- Beech multiplex workbench top, 1500 x 750 x 40 mm
- Levelling feet
- Cylinder lock with two keys
- Working height 859 mm or 959 mm
- 1000 kg total load capacity







Item no.	Dimensions in mm (WxDxH)	
03.15.022V	1500 x 750 x 859	
03.15.022V9	1500 x 750 x 959	

### Individual arrangement

# Workbench with 1x empty housing and 1x empty housing with half shelf, with rear wall usable height 600 mm

■ Incl. beech multiplex worktop 40 mm

Item no.	Dimensions in mm (WxDxH)
03.15.002	1500 x 750 x 859
03.15.002-9	1500 x 750 x 959

#### **Hinged doors**

■ Usable width 645 mm

Item no.	Version	Usable heights (mm)
03.070.450L	left	450
03.070.450R	right	450
03.070.600	left+right	600

#### Shelf

■ Load capacity 80 kg

Item no.	Dimensions in mm (WxDxH)
03.1094.00	649 x 705 x 20

#### Height adjustment of 200 mm

Item no.	Grid
03.15.95	25 mm



■ 600 x 600 mm (W x D) with full pull-out 100% - drawers with 50 mm front height: load capacity 70 kg; drawers from 75 mm front height: load capacity 100 kg

Item no.	Front height (mm)	Shell height (mm)	Usable heights (mm)
60.70.050V07	50	28	30
60.70.075V10	75	56	58
60.70.100V10	100	81	83
60.70.125V10	125	81	108
60.70.150V10	150	131	133
60.70.175V10	175	131	158
60.70.200V10	200	181	183
60.70.250V10	250	181	233
60.70.300V10	300	181	283



R 24-24



- Left: 1x hinged door, 1x shelf
- Right: 1x half shelf with rear wall

Item no.	Dimensions in mm (WxDxH)
03.15.026V	1500 x 750 x 859
03.15.026V9	1500 x 750 x 959



- Left: 2x drawer, 1x hinged door
- Right: 1x half shelf with rear wall

Item no.	Dimensions in mm (WxDxH)
03.15.027V	1500 x 750 x 859
03.15.027V9	1500 x 750 x 959



- Left: 1x drawer, 1x hinged doorRight: 1x half shelf with rear wall

Item no.	Dimensions in mm (WxDxH)
03.15.028V	1500 x 750 x 859
03.15.028V9	1500 x 750 x 959



- Left: 2x drawer
- Right: 1x half shelf with rear wall

Item no.	Dimensions in mm (WxDxH)
03.15.029V	1500 x 750 x 859
03.15.029V9	1500 x 750 x 959



- Left: 1x half shelf with rear wall
- Right: 6x drawer

Item no.	Dimensions in mm (WxDxH)
03.15.030V	1500 x 750 x 859
03.15.030V9	1500 x 750 x 959



- Left: 1x half shelf with rear wall
- Right: 4x drawer

Item no.	Dimensions in mm (WxDxH)
03.15.031V	1500 x 750 x 859
03.15.031V9	1500 x 750 x 959



Grid: R 12-14 R 24-12 R 24-16 R 12-16 R 18-16 R 24-16 R 36-16 R 18-24 R 24-24 R 36-24 R 48-24

### Box workbenches 2000 | Depth 750 mm

■ Drawer interior dimension 450 x 600 mm

Drawers with full pull-out (FP) 100%

Drawers with 50 mm front height, load capacity 70 kg
 Drawers from 75 mm front height, load capacity 100 kg
 Load capacity 180 kg on request

■ Beech multiplex workbench top, 2000 x 750 x 40 mm

- Levelling feet
- Cylinder lock with two keys
- Working height 859 mm or 959 mm
- 1000 kg total load capacity

Perforated walls see page 307

Suitable divider material for the R 18-24 can be found on page 75



100 kg



Item no.	Dimensions in mm (WxDxH)
03.19.12V	2000 x 750 x 859
03.19.12V9	2000 x 750 x 959

### Individual arrangement

# Workbench with empty housing, usable height 600 mm

Incl. beech multiplex worktop 40 mm

Item no.	Version	heights in mm
03.19.003	left	859
03.19.003-9	left	959
03.19.003GR	right	859
03.19.003-9GR	right	959

#### **Hinged doors**

Usable width 495 mm

Item no.	Version	Usable heights (mm)
03.050.450L	left	450
03.050.450R	right	450
03.050.600	left+right	600

#### Shelf

■ Load capacity 80 kg

Item no.	Dimensions in mm (WxDxH)
03.1094.01	499 x 705 x 20

#### Height adjustment of 200 mm

Item no.	Grid
03.15.95	25 mm



450 x 600 mm (W x D) with full pull-out 100% - drawers with 50 mm front height: load capacity 70 kg; drawers from 75 mm front height: load capacity 100 kg

load capacity 70 kg, drawers from 75 min front height. load capacity 100 kg			
Item no.	Front height (mm)	Shell height (mm)	Usable heights (mm)
60.50.050V07	50	28	30
60.50.075V10	75	56	58
60.50.100V10	100	81	83
60.50.125V10	125	81	108
60.50.150V10	150	131	133
60.50.175V10	175	131	158
60.50.200V10	200	181	183
60.50.250V10	250	181	233
60.50.300V10	300	181	283

R 18-24 Workbenches



- Left: 1x half shelf
- Right: 1x hinged door, 1x shelf

Item no.	Dimensions in mm (WxDxH)
03.19.13V	2000 x 750 x 859
03.19.13V9	2000 x 750 x 959



- Left: 1x half shelf
- Right: 1x drawer, 1x hinged door

Item no.	Dimensions in mm (WxDxH)
03.19.17V	2000 x 750 x 859
03.19.17V9	2000 x 750 x 959



- Left: 6x drawer
- Right: 1x half shelf

Item no.	Dimensions in mm (WxDxH)
03.19.18V	2000 x 750 x 859
03.19.18V9	2000 x 750 x 959



- Left: 5x drawer
- Right: 1x half shelf

Item no.	Dimensions in mm (WxDxH)
03.19.19V	2000 x 750 x 859
03.19.19V9	2000 x 750 x 959



- Left: 6x drawer
- Right: 1x half shelf

Item no.	Dimensions in mm (WxDxH)	
03.19.11V	2000 x 750 x 859	
03.19.11V9	2000 x 750 x 959	



- Left: 2x drawer
- Right: 1x half shelf

Item no.	Dimensions in mm (WxDxH)
03.19.10V	2000 x 750 x 859
03.19.10V9	2000 x 750 x 959



Grid: R 12-14 R 24-12 R 24-16 R 12-16 R 18-16 R 24-16 R 36-16 R 18-24 R 24-24 R 36-24 R 48-24

### Box workbenches 2000 | Depth 750 mm

- Drawer interior dimension 450 x 600 mm
- Drawers with full pull-out (FP) 100%
- Drawers with 50 mm front height, load capacity 70 kg
   Drawers from 75 mm front height, load capacity 100 kg
   Load capacity 180 kg on request
- Beech multiplex workbench top, 2000 x 750 x 40 mm
- Levelling feet
- Cylinder lock with two keys
- Working height 859 mm or 959 mm
- 1000 kg total load capacity





100 kg



Item no.	Dimensions in mm (WxDxH)
03.19.24V	2000 x 750 x 859
03.19.24V9	2000 x 750 x 959

### Individual arrangement

# Workbench with 2x empty housing and 1x half shelf with rear wall, usable height 600 mm

Incl. beech multiplex worktop 40 mm

Item no.	Dimensions in mm (WxDxH)
03.19.002	2000 x 750 x 859
03.19.002-9	2000 x 750 x 959

#### **Hinged doors**

■ Usable width 495 mm

Item no.	Version	Usable heights (mm)
03.050.450L	left	450
03.050.450R	right	450
03.050.600	left+right	600

#### Shelf

■ Load capacity 80 kg

Item no.	Dimensions in mm (WxDxH)
03.1094.01	499 x 705 x 20

#### Height adjustment of 200 mm

Item no.	Grid
03.15.95	25 mm



450 x 600 mm (W x D) with full pull-out 100% - drawers with 50 mm front height: load capacity 70 kg; drawers from 75 mm front height: load capacity 100 kg

load capacity 70 kg, drawers from 73 min from height. load capacity 100 kg			
Item no.	Front height (mm)	Shell height (mm)	Usable heights (mm)
60.50.050V07	50	28	30
60.50.075V10	75	56	58
60.50.100V10	100	81	83
60.50.125V10	125	81	108
60.50.150V10	150	131	133
60.50.175V10	175	131	158
60.50.200V10	200	181	183
60.50.250V10	250	181	233
60.50.300V10	300	181	283

R 18-24 Workbenches



- Left: 4x drawer
- Central: 1x half shelf with rear wall
- Right: 5x drawer

Item no.	Dimensions in mm (WxDxH)
03.19.45V	2000 x 750 x 859
03.19.45V9	2000 x 750 x 959



- Left: 3x drawer
- Central: 1x half shelf with rear wall
- Right: 3x drawer

Item no.	Dimensions in mm (WxDxH)
03.19.25V	2000 x 750 x 859
03.19.25V9	2000 x 750 x 959







- Left: 4x drawer
- Central: 1x half shelf with rear wall
- Right: 1x drawer, 1x hinged door

Item no.	Dimensions in mm (WxDxH)
03.19.42V	2000 x 750 x 859
03.19.42V9	2000 x 750 x 959

- Left: 1x hinged door, 1x shelf
- Central: 1x half shelf with rear wall
- Right: 1x hinged door, 1x shelf

Item no.	Dimensions in mm (WxDxH)
03.19.27V	2000 x 750 x 859
03.19.27V9	2000 x 750 x 959





- Left: 4x drawer
- Central: 1x half shelf with rear wall
- Right: 4x drawer

Item no.	Dimensions in mm (WxDxH)
03.19.28V	2000 x 750 x 859
03.19.28V9	2000 x 750 x 959

- Left: 3x drawer
- Central: 1x half shelf with rear wall
- Right: 4x drawer

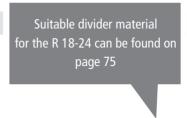
Item no.	Dimensions in mm (WxDxH)
03.19.29V	2000 x 750 x 859
03.19.29V9	2000 x 750 x 959

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R 24-24 Grid: R 12-14 R 24-12 R 24-16 R 12-16 R 18-16 R 24-16 R 36-16 R 18-24 R 36-24 R 48-24

### Box workbenches 2000 | Depth 750 mm

- Drawers with full pull-out (FP) 100%
- Drawers with 50 mm front height, load capacity 70 kg Drawers from 75 mm front height, load capacity 100 kg Load capacity 180 kg on request
- Beech multiplex workbench top, 2000 x 750 x 40 mm
- Levelling feet
- Cylinder lock with two keys
- Working height 859 mm or 959 mm
- 1000 kg total load capacity







- Central: 1x drawer, 1x hinged door
- Right: 1x drawer, 1x hinged door

Item no.	Dimensions in mm (WxDxH)
03.19.32V	2000 x 750 x 859
03.19.32V9	2000 x 750 x 959

### Individual arrangement

#### Workbench with 3x empty housing, usable height 600 mm

Incl. beech multiplex worktop 40 mm

Item no.	Dimensions in mm (WxDxH)	
03.19.001	2000 x 750 x 859	
03.19.001-9	2000 x 750 x 959	

#### **Hinged doors**

■ Usable width 495 mm

Item no.	Version	Usable heights (mm)
03.050.450L	left	450
03.050.450R	right	450
03.050.600	left+right	600

### Shelf

■ Load capacity 80 kg

'	, ,
	Dimensions in mm (WxDxH)
03.1094.01	499 x 705 x 20

#### Height adjustment of 200 mm

Item no.	Grid
03.15.95	25 mm



■ 450 x 600 mm (W x D) with full pull-out 100% - drawers with 50 mm front height: load capacity 70 kg; drawers from 75 mm front height: load capacity 100 kg

Item no.	Front height (mm)	Shell height (mm)	Usable heights (mm)
60.50.050V07	50	28	30
60.50.075V10	75	56	58
60.50.100V10	100	81	83
60.50.125V10	125	81	108
60.50.150V10	150	131	133
60.50.175V10	175	131	158
60.50.200V10	200	181	183
60.50.250V10	250	181	233
60.50.300V10	300	181	283

R 18-24 Workbenches





- Left: 3x drawer ■ Central: 3x drawer Right: 3x drawer
- Item no. 03.19.33V 2000 x 750 x 859 03.19.33V9 2000 x 750 x 959
- Left: 1x hinged door, 1x shelf
- Central: 3x drawer
- Right: 1x hinged door, 1x shelf

Item no.	Dimensions in mm (WxDxH)
03.19.35V	2000 x 750 x 859
03.19.35V9	2000 x 750 x 959







- Left: 1x drawer, 1x hinged door
- Central: 1x hinged door, 1x shelf
- Right: 1x drawer, 1x hinged door

Item no.	Dimensions in mm (WxDxH)
03.19.34V	2000 x 750 x 859
03.19.34V9	2000 x 750 x 959

- Left: 5x drawer
- Central: 3x drawer
- Right: 1x hinged door, 1x shelf

Item no.	Dimensions in mm (WxDxH)
03.19.36V	2000 x 750 x 859
03.19.36V9	2000 x 750 x 959



- Left: 5x drawer
- Central: 3x drawer
- Right: 4x drawer

Item no.	Dimensions in mm (WxDxH)
03.19.44V	2000 x 750 x 859
03.19.44V9	2000 x 750 x 959



- Left: 4x drawer
- Central: 4x drawer
- Right: 1x hinged door, 1x shelf

Item no.	Dimensions in mm (WxDxH)
03.19.46V	2000 x 750 x 859
03.19.46V9	2000 x 750 x 959

Grid: R 12-14 R 24-12 R 24-16 R 12-16 R 18-16 R 24-16 R 36-16 R 18-24 R 24-24 R 36-24 R 48-24

# Box workbenches 2000 | Depth 750 mm

- Drawer interior dimension 600 x 600 mm
- Drawers with full pull-out (FP) 100%
- Drawers with 50 mm front height, load capacity 70 kg
   Drawers from 75 mm front height, load capacity 100 kg
   Load capacity 180 kg on request
- Beech multiplex workbench top, 2000 x 750 x 40 mm
- Levelling feet
- Cylinder lock with two keys
- Working height 859 mm or 959 mm
- 1000 kg total load capacity



Suitable divider material

for the R 24-24 can be found on

page 83

kg

1000

100 kg

- Left: 4x drawer
- Central: 2x shelf with rear wall
- Right: 2x drawer, 1x hinged door

Item no.	Dimensions in mm (WxDxH)
03.20.03V	2000 x 750 x 859
03.20.03V9	2000 x 750 x 959

# Individual arrangement

# Workbench with 2x empty housing, usable height 600 mm 2 shelves in the centre with rear wall

■ Incl. beech multiplex worktop 40 mm

Item no.	Dimensions in mm (WxDxH)
03.20.001	2000 x 750 x 859
03 20 001-9	2000 v 750 v 959

#### **Hinged doors**

■ Usable width 645 mm

Item no.	Version	Usable heights (mm)
03.070.450L	left	450
03.070.450R	right	450
03.070.600	left+right	600

#### Shelf

■ Load capacity 80 kg

Item no.		J
		Dimensions in mm (WxDxH)
	03.1094.00**	649 x 705 x 20
	03.1094.03*	536 x 705 x 20

\* Centre shelf

\*\* Shelf behind hinged door

#### Height adjustment of 200 mm

Item no.	Grid
03.15.95	25 mm



• 600 x 600 mm (W x D) with full pull-out 100% - drawers with 50 mm front height: load capacity 70 kg; drawers from 75 mm front height: load capacity 100 kg

Item no.	Front height (mm)	Shell height (mm)	Usable heights (mm)
60.70.050V07	50	28	30
60.70.075V10	75	56	58
60.70.100V10	100	81	83
60.70.125V10	125	81	108
60.70.150V10	150	131	133
60.70.175V10	175	131	158
60.70.200V10	200	181	183
60.70.250V10	250	181	233
60.70.300 V10	300	181	283

R 24-24 Workbenches





- Left: 4x drawer
- Central: 2x shelf with rear wall
- Right: 4x drawer

Item no.	Dimensions in mm (WxDxH)
03.20.04V	2000 x 750 x 859
03.20.04V9	2000 x 750 x 959

- Left: 5x drawer
- Central: 2x shelf with rear wall
- Right: 4x drawer

Item no.	Dimensions in mm (WxDxH)
03.20.11V	2000 x 750 x 859
03.20.11V9	2000 x 750 x 959







- Left: 1x drawer, 1x hinged door
- Central: 2x shelf with rear wall
- Right: 3x drawer

Item no.	Dimensions in mm (WxDxH)
03.20.14V	2000 x 750 x 859
03.20.14V9	2000 x 750 x 959

- Left: 3x drawer
- Central: 2x shelf with rear wall
- Right: 3x drawer

Item no.	Dimensions in mm (WxDxH)
03.20.18V	2000 x 750 x 859
03.20.18V9	2000 x 750 x 959





- Left: 5x drawer
- Central: 2x shelf with rear wall
- Right: 5x drawer

Item no.	Dimensions in mm (WxDxH)
03.20.15V	2000 x 750 x 859
03.20.15V9	2000 x 750 x 959

- Left: 2x drawer, 1x hinged door
- Central: 2x shelf with rear wall
- Right: 4x drawer

Item no.	Dimensions in mm (WxDxH)
03.20.13V	2000 x 750 x 859
03.20.13V9	2000 x 750 x 959

Grid: R 12-14 R 24-12 R 24-16 R 12-16 R 18-16 R 24-16 R 36-16 R 18-24 R 24-24 R 36-24 R 48-24

### Box workbenches 2500 | Depth 750 mm

- Drawer interior dimension 450 x 600 mm
- Drawers with full pull-out (FP) 100%
- Drawers with 50 mm front height, load capacity 70 kg
   Drawers from 75 mm front height, load capacity 100 kg
   Load capacity 180 kg on request
- Beech multiplex workbench top, 2500 x 750 x 40 mm
- Levelling feet
- Cylinder lock with two keys
- Working height 859 mm or 959 mm
- 1000 kg total load capacity
- Delivered partially assembled, worktop delivered separately



Suitable divider material

for the R 18-24 can be found on

page 75

kg

1000

100 kg

- Far left: 1x drawer, 1x hinged door
- Centre left: 1x drawer, 1x hinged door
- Centre right: 1x drawer, 1x hinged door
- Far right: 1x drawer, 1x hinged door

Item no.	Dimensions in mm (WxDxH)
03.25.2222V	2500 x 750 x 859
03.25.2222V9	2500 x 750 x 959

## Individual arrangement

# Workbench with 4x empty housing, usable height 600 mm

■ Incl. beech multiplex worktop 40 mm

Item no.	Dimensions in mm (WxDxH)
03.25.001	2500 x 750 x 859
03.25.001-9	2500 x 750 x 959

#### **Hinged doors**

■ Usable width 495 mm

Item no.	Version	Usable heights (mm)
03.050.450L	left	450
03.050.450R	right	450
03.050.600	left+right	600

#### Shelf

■ Load capacity 80 kg

	, ,
	Dimensions in mm (WxDxH)
03.1094.01	499 x 705 x 20

#### Height adjustment of 200 mm

Item no.	Grid
03.15.95	25 mm



 450 x 600 mm (W x D) with full pull-out 100% - drawers with 50 mm front height: load capacity 70 kg; drawers from 75 mm front height; load capacity 100 kg

load capacity 70 kg; drawers from 75 mm front neight: load capacity 100 kg			
Item no.	Front height (mm)	Shell height (mm)	Usable heights (mm)
60.50.050V07	50	28	30
60.50.075V10	75	56	58
60.50.100V10	100	81	83
60.50.125V10	125	81	108
60.50.150V10	150	131	133
60.50.175V10	175	131	158
60.50.200V10	200	181	183
60.50.250V10	250	181	233
60.50.300V10	300	181	283

R 18-24 Workbenches





- Far left: 3x drawer
- Centre left: 1x hinged door, 1x shelf
- Centre right: 3x drawer
- Far right: 1x hinged door, 1x shelf

Item no.	Dimensions in mm (WxDxH)
03.25.3131V	2500 x 750 x 859
03.25.3131V9	2500 x 750 x 959

- Far left: 1x drawer, 1x hinged door
- Centre left: 3x drawer
- Centre right: 4x drawer
- Far right: 1x drawer, 1x hinged door

Item no.	Dimensions in mm (WxDxH)
03.25.2342V	2500 x 750 x 859
03.25.2342V9	2500 x 750 x 959







- Far left: 4x drawer
- Centre left: 4x drawer
- Centre right: 3x drawer
- Far right: 3x drawer

Item no.	Dimensions in mm (WxDxH)
03.25.4433V	2500 x 750 x 859
03.25.4433V9	2500 x 750 x 959

- Far left: 1x hinged door, 1x shelf
- Centre left: 5x drawer
- Centre right: 3x drawer
- Far right: 2x drawer

Item no.	Dimensions in mm (WxDxH)
03.25.1532V	2500 x 750 x 859
03.25.1532V9	2500 x 750 x 959





- Far left: 5x drawer
- Centre left: 5x drawer
- Centre right: 4x drawer
- Far right: 1x hinged door, 1x shelf

Item no.	Dimensions in mm (WxDxH)
03.25.5541V	2500 x 750 x 859
03.25.5541V9	2500 x 750 x 959

- Far left: 6x drawer
- Centre left: 4x drawer
- Centre right: 3x drawer
- Far right: 2x drawer

Item no.	Dimensions in mm (WxDxH)
03.25.6432V	2500 x 750 x 859
03.25.6432V9	2500 x 750 x 959

# Workbenches

# Worktables/workbenches

- Stable square tube frame 40 x 40 x 2 mm
- For assembly, workshop and shipping
- Rear stiffening plate connected to worktop and frame
- Half shelf depth 385 mm
- Beech multiplex worktop, 1500/2000 x 750 x 40 mm
- Levelling feet
- Working height 859 mm or 959 mm
- Load Capacity 300 kg
- Delivered fully assembled



#### Worktable/bench

- Beech multiplex worktop 40 mm
- 1x half shelf

Item no.	Dimensions in mm (WxDxH)
03.14.30	1500 x 750 x 859
03.14.30-9	1500 x 750 x 959
03.19.30	2000 x 750 x 859
03.19.30-9	2000 x 750 x 959





#### Worktable/bench R 18-24

- Beech multiplex worktop 40 mm
- 1x half shelf
- 1x drawer 150 mm, full pull-out, load capacity 100 kg
- Cylinder lock with two keys

Item no.	Dimensions in mm (WxDxH)
03.14.31V	1500 x 750 x 859
03.14.31V-9	1500 x 750 x 959
03.19.31V	2000 x 750 x 859
03.19.31V-9	2000 x 750 x 959



#### Worktable/bench R 18-24

- Beech multiplex worktop 40 mm
- 1x half shelf
- Left: 1x drawer 150 mm, full pull-out, load capacity 100 kg
- Right: 1x drawer 150 mm, full pull-out, load capacity 100 kg
- Cylinder lock with two keys

Item no.	Dimensions in mm (WxDxH)
03.14.32V	1500 x 750 x 859
03.14.32V-9	1500 x 750 x 959
03.19.32.1V	2000 x 750 x 859
03.19.32.1V-9	2000 x 750 x 959







### More Worktops from page 422



#### Worktable/bench frame

- Stable square tube frame 40 x 40 x 2 mm
- For assembly, workshop and shipping
- Levelling feet
- Supplied without worktop and steel shelf

Item no.	Dimensions in mm (WxDxH)
03.055.00	625 x 736 x 819
03.055.00-9	625 x 736 x 919
03.075.00	775 x 736 x 819
03.075.00-9	775 x 736 x 919
03.10.00	965 x 736 x 819
03.10.00-9	965 x 736 x 919
03.12.00	1165 x 736 x 819
03.12.00-9	1165 x 736 x 919
03.14.00	1465 x 736 x 819
03.14.00-9	1465 x 736 x 919
03.17.00	1708 x 736 x 819
03.17.00-9	1708 x 736 x 919
03.19.00	1965 x 736 x 819
03.19.00-9	1965 x 736 x 919

### Beech multiplex worktop

- Glue laminated, oiled
- Water repellent
- Gluing according to EN 314-2

Item no.	Dimensions in mm (WxDxH)
03.7575.40	750 x 750
03.81.40	810 x 750
03.10.40	1000 x 750
03.125.40	1250 x 750
03.15.40	1500 x 750
03.1775.40	1750 x 750
03.20.40	2000 x 750
03.25.40	2500 x 750



The worktables and workbenches are generally equipped with levelling feet.



#### Steel shelf, full depth

- Includes an additional brace underneath
- Load capacity 80 kg

Item no.	Dimensions in mm (WxDxH)	Table width in mm
03.2018-06D	542 x 735 x 40	625
03.2018-08D	693 x 735 x 40	775
03.2018-01D	883 x 735 x 40	965
03.2018-07D	1083 x 735 x 40	1165
03.2018-02D	1383 x 735 x 40	1465
03.2018-09D	1623 x 735 x 40	1708
03.2018-05D	1883 x 735 x 40	1965

### Steel shelf, half depth

■ Load capacity 80 kg

Item no.	Dimensions in mm (WxDxH)	Table width in mm
03.2018-06	543 x 385 x 40	625
03.2018-08	693 x 385 x 40	775
03.2018-01	883 x 385 x 40	965
03.2018-07	1083 x 385 x 40	1165
03.2018-02	1383 x 385 x 40	1465
03.2018-09	1623 x 385 x 40	1708
03.2018-05	1883 x 385 x 40	1965



# Workbenches

### Worktables/workbenches





#### Additional front brace

Item no.	Dimensions in mm (WxDxH)	Table width in mm
03.02-00113	545 x 35 x 35	625
03.02-00110	695 x 35 x 35	775
03.02-00793	885 x 35 x 35	965
03.02-00218	1085 x 35 x 35	1165
03.02-00109	1385 x 35 x 35	1465
03.02-00212	1628 x 35 x 35	1708
03.02-00108	1885 x 35 x 35	1965

# With an additional front brace, a pair of adapters is needed for mounting a hanging base cabinet

■ Beech multiplex

Item no.	Dimensions in mm (WxDxH)
03ADAPAWTSL	650 x 35 x 35



Item no.	Version
03.15.95	Height adjustment of 200 mm
03.15.96	Height adjustment of 300 mm



- For floor anchoring workbenches
- 4 anchors

Item no. 03.00.34





#### Mobile add-on (not retrofittable)

- 4x steering caster, Ø 125 mm, thereof 2 with locks
- Load capacity 400 kg
- Working height 950 or 1050 mm
- With handle

Item no.	
04.KWBM125	



#### Mobile add-on (not retrofittable)

- Only for box workbenches with 859 mm height
- 2x fixed caster, 2x steering caster with lock, Ø 200 mm
- Load capacity 600 kg
- Working height 990 mm
- With handle

Item no

04.KWBM200

Mobile workbenches s. page 486



#### Lift/lower chassis retrofittable

- Dynamic load capacity: 450 kg
- Static load capacity: 1000 kg
- 2x steering caster, 2x fixed caster, Ø 80 mm, polyamide
- Not possible for workbenches with half shelf
- Only suitable for workbench height 859 mm

Item no.	Width in mm	Weight in kg
03.HUB08175	810	20,5
03.HUB12075	1250	24,4
03.HUB15075	1500	27,4
03.HUB17575	1750	29,9
03.HUB20075	2000	32,4

#### Lift/lower chassis retrofittable

- Dynamic load capacity: 450 kg
- Static load capacity: 1000 kg
- 2x steering caster, 2x fixed caster, Ø 80 mm, polyamide
- Not possible for workbenches with half shelf
- Only suitable for workbench height 959 mm

Item no.	Width in mm	m Weight in I	kg
03.HUB081	1759 810	24,0	
03.HUB120	759 1250	27,8	
03.HUB150	759 1500	30,8	
03.HUB175	5759 1750	33,3	
03.HUB200	0759 2000	35,8	



# Inline workbenches





Inline workbenches Workbenches

- Housing made from high-quality thin sheet metal
- Welded base frame made of 50 x 50 x 2 mm square tube
- Maximum load of up to 1 t
- The modular principle enables a variable arrangement of the mobile drawer cabinets or workbench feet
- Usable height of housing 700 mm, doors and drawers flush with the
- Recessed, full-length handle bars with labelling strips and transparent cover
- Secure central locking, combination locking systems are possible
- Drawers with ball-bearing guides
- Worktops made of beech multiplex, glue laminated, oiled, water-repellent
- Delivered unassembled, for easy self-assembly

# Depth 600 mm

Quick info		
Worktop	Beech multiplex	40 mm or 25 mm
	Height	819 mm
	Pull-out	100 %
Drawers	Single pull-out lock	Yes
	Load capacity	50 – 75 kg
	Ball bearing guides	Yes
Grid	R 24-16 and R 36-16	
Lock	Cylinder lock with two keys	Yes
_K	Master key	Yes

General dimensions	
Work height	859 mm
Worktop depth	600 mm
Drawer heights	75, 100, 150, 200, 250, 300 mm
Internal drawer height	Front height minus 10 mm
Drawers (W x D)	600 x 400 mm and 900 x 400 mm

Choose from our extensive range of colours. Combinations are possible without extra charge. When placing your order, please indicate the desired colour/colour combination. Our standard colours can be found on page 27

# Depth 750 mm

Quick info		
Worktop	Beech multiplex	40 mm
	Height	819 mm
	Full pull-out	100 %
Drawers	Single pull-out lock	Yes
	Load capacity	70 – 100 kg
	Ball-bearing guides	Yes
Grid	R 18-24 and R 24-24	
ock	Cylinder lock with two keys	Yes
	Master key	Yes

General dimensions	
Work height	859 mm
Worktop depth	750 mm
Drawer heights	50, 75, 100, 125, 150, 175, 200, 250, 300, 400 mm
Internal drawer height	Front height minus 17 mm
Drawers (W x D)	450 x 600 mm and 600 x 600 mm
S S S S S S S S S S S S S S S S S S S	binations are possible without extra charge. When placing your order, please indicate the desired

colour/colour combination. 1st colour = body colour, 2nd colour = front colour Our standard colours can be found on page 27



# Inline workbenches

#### Depth 600 mm

Grid: R 12-14 R 24-12 R 24-16 R 12-16 R 18-16 R 24-16 R 36-16 R 18-24 R 24-24 R 36-24 R 48-24

#### Inline workbenches 1500 | 600 mm

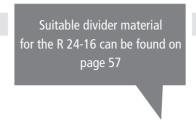
#### R 24-16 drawer series

- Drawer interior dimension 600 x 400 mm
- Load capacity of drawers either 50 kg or 75 kg
- Base frame, fixed height made of 50 x 50 x 2 mm square tube
- HA-foot 719 1019 mm, made of 70 x 40 x 2 mm U-profile
- Beech multiplex workbench top, 1500 x 600 mm
- Cylinder lock with two keys
- 1000 kg total load capacity
- Delivered unassembled, for easy self-assembly



- Beech multiplex worktop, 1500 x 600 x 25 mm
- 4x drawer

Item no. Dimensions in mm (WxDxH)		Load capacity
03.068.103	1500 x 600 x 844	50 kg
03.068.103-75	1500 x 600 x 844	75 kg







- Beech multiplex worktop, 1500 x 600 x 40 mm
- 5x drawer

Item no.	Dimensions in mm (WxDxH)	Load capacity
03.068.221	1500 x 600 x 859	50 kg
03.068.221-75	1500 x 600 x 859	75 kg

03.50.01

Base frame, fixed height



#### Beech multiplex worktop

Item no.	Dimensions in mm (WxDxH)
03.1560.25	1500 x 600 x 25
03.1560.40	1500 x 600 x 40

#### Base frame

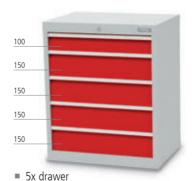
Item no.	Dimensions in mm (WxDxH)
03.50.01	150 x 500 x 819
03.50.02	150 x 500 x 719 – 1019

#### Drawer cabinets R 24-16

680 x 500 x 819 mm



Item no.	Load capacity
68.022	50 kg
68.022-75	75 kg



Item no.	Load capacity
68.140	50 kg
68.140-75	75 kg



■ 6x drawer

Item no.	Load capacity
68.420	50 kg
68.420-75	75 kg

Other base cabinets can be found on/from page 259

R 36-16 Workbenches

#### Inline workbenches 2000 | 600 mm

#### R 36-16 drawer series

- Drawer interior dimension 900 x 400 mm
- Base frame, fixed height made of 50 x 50 x 2 mm square tube
- HA-foot 719 1019 mm, made of 70 x 40 x 2 mm U-profile
- Beech multiplex workbench top, 2000 x 600 mm
- Cylinder lock with two keys
- 1000 kg total load capacity
- Delivered unassembled, for easy self-assembly

Suitable divider material for the R 36-16 can be found on page 63





- Beech multiplex worktop, 2000 x 600 x 25 mm
- 4x drawer

Item no.	Dimensions in mm (WxDxH)	Load capacity
03.098.103	2000 x 600 x 844	50 kg
03.098.103-75	2000 x 600 x 844	75 kg



- Beech multiplex worktop, 2000 x 600 x 40 mm
- 5x drawer

Item no.	Dimensions in mm (WxDxH)	Load capacity
03.098.221	2000 x 600 x 859	50 kg
03.098.221-75	2000 x 600 x 859	75 kg

03.50.02

justable

Base frame, height-ad-



# Base frame

Item no.	Dimensions in mm (WxDxH)
03.50.01	150 x 500 x 819
03 50 02	150 x 500 x 719 – 1019

#### Beech multiplex worktop

Item no.	Dimensions in mm (WxDxH)
03.2060.25	2000 x 600 x 25
03.2060.40	2000 x 600 x 40

#### Drawer cabinets R 36-16

980 x 500 x 819 mm



 Item no.
 Load capacity

 98.140
 50 kg

 98.140-75
 75 kg



Item no.	Load capacity
98.420	50 kg
98.420-75	75 kg



 Item no.
 Load capacity

 98.700
 50 kg

 98.700-75
 75 kg

# Inline workbenches

Grid: R 12-14 R 24-12 R 24-16 R 12-16 R 18-16 R 24-16 R 36-16 R 18-24 R 24-24 R 36-24 R 48-24

#### Inline workbenches 1500/2000 | Depth 750 mm

#### Drawer cabinets R 18-24

- Drawer interior dimension 450 x 600 mm
- Drawers with full pull-out (FP) 100%
- Drawers with 50 mm front height, load capacity 70 kg Drawers from 75 mm front height, load capacity 100 kg Load capacity 180 kg on request
- Beech multiplex workbench top, 1500/2000 x 750 x 40 mm
- Base frame, fixed height made of 50 x 50 x 2 mm square tube
- HA-foot 719 1019 mm, made of 70 x 40 x 2 mm U-profile
- Cylinder lock with two keys
- 200 kg total load capacity
- Delivered unassembled, for easy self-assembly

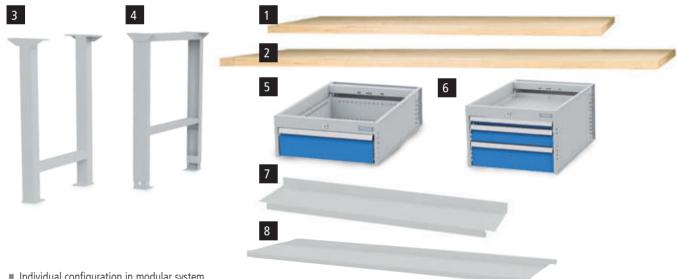






Dimensions in mm (WxDxH) 1500 x 750 x 759 - 1059 03.15.000.3 03.20.000.3 2000 x 750 x 759 - 1059

#### Individual arrangement



Individual configuration in modular system

	ltem no.	Designation	Description	Dimensions in mm (WxDxH)
1	03.15.40	Beech multiplex worktop	Glue laminated, oiled	1500 x 750 x 40 mm
2	03.20.40	beech multiplex worktop	Giue iaminateu, olleu	2000 x 750 x 40 mm
3	03.90.01	Base frame	Made of 50 x 50 x 2 mm square tube	150 x 650 x 819 mm
4	03.90.01HV	Base frame, height adjustable	Made of 70 x 40 x 2 mm square tube	150 x 650 x 719 – 1019 mm
5	520/1V	Hanging base sehinet D 10 24	1x drawer, 150 mm	541 x 736 x 208 mm
6	535/111V	Hanging base cabinet R 18-24	1x drawer 50 mm, 1x 100 mm, 1x 150 mm	541 x 736 x 358 mm
7	03.2018-10	Steel shelf	For table width 1500 mm	1295 x 300 x 40 mm
8	03.2018-11	Steel shelf	For table width 2000 mm	1795 x 300 x 40 mm

R 18-24 Workbenches





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	tom no		Dimon	aiona ir		Λ

Item no.	Dimensions in mm (WxDxH)	Base frame
03.15.520.1V	1500 x 750 x 859	fixed height
03.20.520.1V	2000 x 750 x 859	fixed height
03.15.520.1HVV	1500 x 750 x 759 – 1059	height-adjustable
03.20.520.1HVV	2000 x 750 x 759 – 1059	height-adjustable



■ Hanging base cabinet: 3x drawer

Item no.	Dimensions in mm (WxDxH)	Base frame
03.15.535.2V	1500 x 750 x 859	fixed height
03.20.535.2V	2000 x 750 x 859	fixed height
03.15.535.2HVV	1500 x 750 x 759 – 1059	height-adjustable
03.20.535.2HVV	2000 x 750 x 759 – 1059	height-adjustable





2x hanging base cabinet: Left: 1x drawer Right: 1x drawer

Item no.	Dimensions in mm (WxDxH)	Base frame
03.15.520.2V	1500 x 750 x 859	fixed height
03.20.520.2V	2000 x 750 x 859	fixed height
03.15.520HVV	1500 x 750 x 759 – 1059	height-adjustable
03.20.520HVV	2000 x 750 x 759 – 1059	height-adjustable

You can find further hanging base cabinets on page 259



Grid: R 12-14 R 24-12 R 24-16 R 12-16 R 18-16 R 24-16 R 36-16 R 18-24 R 24-24 R 36-24 R 48-24

#### Inline workbenches 1500/2000 | Depth 750 mm

#### Drawer cabinets R 18-24

- Drawer interior dimension 450 x 600 mm
- 1x drawer cabinet
- Drawers with full pull-out (FP) 100%
- Drawers with 50 mm front height, load capacity 70 kg
   Drawers from 75 mm front height, load capacity 100 kg
   Load capacity 180 kg on request
- Base frame made of 50 x 50 x 2 mm square tube
- Beech multiplex workbench top, 1500/2000 x 750 x 40 mm
- Cylinder lock with two keys
- 1000 kg total load capacity
- Delivered unassembled, for easy self-assembly



Drawer cabinet: 6x drawer

Item no.	Dimensions in mm (WxDxH)
03.15.580.7V	1500 x 750 x 859
03.20.580.7V	2000 x 750 x 859



Drawer cabinet: 5x drawer

Item no.	Dimensions in mm (WxDxH)	
03.15.580.5V	1500 x 750 x 859	
03.20.580.5V	2000 x 750 x 859	

#### Individual arrangement



#### Workbench with 1x empty housing, usable height 700 mm

■ Incl. beech multiplex worktop 40 mm

Item no.	Dimensions in mm (WxDxH)
03.15.580.001	1500 x 750 x 859

Divider material see



#### Workbench with 1x empty housing, usable height 700 mm

■ Incl. beech multiplex worktop 40 mm

Item no.	Dimensions in mm (WxDxH)
03.20.580.001	2000 x 750 x 859

#### **Hinged doors**

■ Usable width 495 mm

OSABIC WIATII	155 111111	
Item no.	Version	Usable heights (mm)
01.050.700EL	left	700
01.050.700ER	right	700
01.050.550EL	left	550
01.050.550ER	right	550

#### Shelf

■ When using one or no drawer

Item no.	Dimensions in mm (WxDxH)
01.050.013	497 x 685 x 40

450 x 600 mm (W x D) with full pull-out 100% - drawers with 50 mm front height: load capacity 70 kg; drawers from 75 mm front height: load capacity 100 kg

load capacity 70 kg; drawers from 75 mm front height: load capacity 100 kg			
Item no.	Front height (mm)	Shell height (mm)	Usable heights (mm)
60.50.050V07	50	28	30
60.50.075V10	75	56	58
60.50.100V10	100	81	83
60.50.125V10	125	81	108
60.50.150V10	150	131	133
60.50.175V10	175	131	158
60.50.200V10	200	181	183
60.50.250V10	250	181	233
60.50.300V10	300	181	283

R 18-24 Workbenches





#### ■ 5x drawer

Item no.	Dimensions in mm (WxDxH)
03.15.580.6V	1500 x 750 x 859
03.20.580.6V	2000 x 750 x 859

#### ■ 7x drawer

Item no.	Dimensions in mm (WxDxH)
03.15.580.6-1V	1500 x 750 x 859
03.20.580.6-1V	2000 x 750 x 859







#### ■ 5x drawer

Item no.	Dimensions in mm (WxDxH)
03.15.580.5-1V	1500 x 750 x 859
03.20.580.5-1V	2000 x 750 x 859

#### ■ 1x drawer, 1x hinged door

Item no.	Dimensions in mm (WxDxH)
03.15.580.2V	1500 x 750 x 859
03.20.580.2V	2000 x 750 x 859





#### ■ 6x drawer

Item no.	Dimensions in mm (WxDxH)
03.15.580.8V	1500 x 750 x 859
03.20.580.8V	2000 x 750 x 859

4x drawer

Item no.	Dimensions in mm (WxDxH)
03.15.580.4V	1500 x 750 x 859
03.20.580.4V	2000 x 750 x 859

R 12-14 R 24-12 R 24-16 R 12-16 R 18-16 R 24-16 R 36-16 R 18-24 R 24-24 R 36-24 R 48-24

#### Inline workbenches with drawer housing 555 x 736 (W x D) | Depth 750 mm

- Drawer interior dimension 450 x 600 mm
- 2x drawer cabinet
- Drawers with full pull-out (FP) 100%
- Drawers with 50 mm front height, load capacity 70 kg Drawers from 75 mm front height, load capacity 100 kg Load capacity 180 kg on request
- Beech multiplex workbench top, 1500/2000 x 750 x 40 mm
- Cylinder lock with two keys
- 1000 kg total load capacity
- Delivered unassembled, for easy self-assembly



- Left: 5x drawer
- Right: 1x drawer, 1x hinged door

Item no.	Dimensions in mm (WxDxH)
03.15.580.7-1V	1500 x 750 x 859
03.20.580.7-1V	2000 x 750 x 859



- Left: 5x drawer
- Right: 4x drawer

Item no.	Dimensions in mm (WxDxH)	
03.15.580.9V	1500 x 750 x 859	
03.20.580.9V	2000 x 750 x 859	

#### Individual arrangement



# 700 mm

#### Workbench with 2x empty housing, usable height 700 mm

■ Incl. beech multiplex worktop 40 mm

Item no.	Dimensions in mm (WxDxH)
03.15.580.002	1500 x 750 x 859

Divider material

see page 75

#### Workbench with 2x empty housing, usable height 700 mm

■ Incl. beech multiplex worktop 40 mm

Item no.	Dimensions in mm (WxDxH)
03.20.580.002	2000 x 750 x 859

100 ka

#### **Hinged doors**

■ Usable width 495 mm

Item no.	Version	Usable heights (mm)
01.050.700EL	left	700
01.050.700ER	right	700
01.050.550EL	left	550
01.050.550ER	riaht	550

When using one or no drawer

Item no.	Dimensions in mm (WxDxH)
01.050.013	497 x 685 x 40

450 x 600 mm (W x D) with full pull-out 100% - drawers with 50 mm front height: load capacity 70 kg; drawers from 75 mm front height: load capacity 100 kg

Item no.	Front height (mm)	Shell height (mm)	Usable heights (mm)
60.50.050V07	50	28	30
60.50.075V10	75	56	58
60.50.100V10	100	81	83
60.50.125V10	125	81	108
60.50.150V10	150	131	133
60.50.175V10	175	131	158
60.50.200V10	200	181	183
60.50.250V10	250	181	233
60.50.300V10	300	181	283

R 18-24 R 24-24 Workbenches



150 150 200 200 200

- Left: 5x drawer
- Right: 6x drawer

ı	Item no.	Dimensions in mm (WxDxH)
	03.15.580.112V	1500 x 750 x 859
	03.20.580.11V	2000 x 750 x 859

- Left: 4x drawer
- Right: 4x drawer

Item no.	Dimensions in mm (WxDxH)
03.15.580.202V	1500 x 750 x 859
03.20.580.20V	2000 x 750 x 859







- Left: 5x drawer
- Right: 7x drawer

	Dimensions in mm (WxDxH)
03.15.580.212V	1500 x 750 x 859
03.20.580.21V	2000 x 750 x 859

- Left: 6x drawer
- Right: 4x drawer

Item no.	Dimensions in mm (WxDxH)
03.15.580.222V	1500 x 750 x 859
03.20.580.22V	2000 x 750 x 859



■ Left: 6x drawer

■ Right: 4x drawer

Item no.	Dimensions in mm (WxDxH)
03.15.580.232V	1500 x 750 x 859
03.20.580.23V	2000 x 750 x 859



#### R 18-24 + R 24-24

- 2x beech multiplex worktop 40 mm
- 3x drawer cabinet
- Left: 4x drawer
- Central: 6x drawer
- Right: 4x drawer

Item no.	Dimensions in mm (WxDxH)
03.30.57.14V	3000 x 750 x 859
03.40.57.14V	4000 x 750 x 859

# Inline workbenches

#### **Energy block for inline workbench combinations**

Removable door so that all components can be easily maintained.



#### **Energy block**

- Fully assembled with 1x cable reel and 1x hose reel
- 1x socket panel with 3x earthed sockets and on/off switch
- 2x 1/4" compressed air connections
- Compressed air supply
- Unwired

Item no.	Dimensions in mm (WxDxH)
03.961.2651	200 x 650 x 819

- Reels integrated into the side part offer a total hose/cable length of 6 m
- The door is secured by a cylinder lock and removable so that all components can be easily maintained.



#### Energy block, empty housing, can be filled from both sides

- Usable height of 750 mm can be used on both sides
- Can be filled with the individual components

Item no.	Dimensions in mm (WxDxH)
03.961.265	200 x 650 x 819

- You can find components to fit for the individual energy supply on/ from page 229
- Delivered unassembled, for easy self-assembly



#### Inline workbench R 18-24

- Beech multiplex worktop, 1500 x 750 x 40 mm
- Energy block with 1x cable reel and 1x hose reel
- 1x socket panel with 4x earthed sockets
- Base frame made of 50 x 50 x 2 mm square tube
- 1/4" compressed air supply
- Unwired

Item no.	Dimensions in mm (WxDxH)
03.15.000.E1	1500 x 750 x 859
03.20.000.E1	2000 x 750 x 859



#### Inline workbench R 18-24

- Beech multiplex worktop, 1500 x 750 x 40 mm
- Drawer cabinet: 5x drawer
- Full pull-out 100 %, load capacity 100 kg
- Energy block with 1x cable reel and 1x hose reel
- 1x socket panel with 3x earthed sockets and on/off switch
- 2x compressed air connection
- 1/4" compressed air supply
- Unwired

Item no.	Dimensions in mm (WxDxH)
03.15.580.9E	1500 x 750 x 859
03.20.580.9E	2000 x 750 x 859

#### **Energy block accessories**

You can find further energy components on page 281

Workbenches







#### Cover plate and socket panel

Cover plate incl. socket panel with 2x earthed sockets

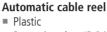
Item no.	Dimensions in mm (W x H)
07.861.14	375 x 125



#### Automatic hose reel

- Plastic
- Multi gearlock per rotation
- Incl. 5+1 m PU hose DN 06 and stopper
- Max. pressure 10 bar
- Incl. swivelling mounting plate
- Incl. 1 m connecting hose
- Incl. cover plate

Item no.	
03.1.06.06SA	



- Protection class IP 24
- Fully insulated, protection against overheating
- With release spring and slip ring
- Incl. 5+1 m cable H05VV-F3G 1.5, earthed plug and coupling, 230 V
- Incl. swivelling mounting bracket
- Incl. cover plate

03.0.06.05KA	



Cover plate incl. socket panel with 3x earthed sockets with on/off switch

Item no.	Dimensions in mm (W x H)
07.861.15	375 x 125





#### **Cover plate**

lt	em no.	Dimensions in mm (W x H)
0	7.861.04	125 x 125
0	7.861.05	250 x 125
0	7.861.06	375 x 125



#### Cover plate and compressed air

Cover plate incl. compressed air connection

Item no.	Dimensions in mm (W x H)
07.861.07	1/4" - 125 x 125
07.861.08	1/2" - 125 x 125



#### Cover plate and socket panel

Cover plate incl. socket panel with 4x earthed sockets

Item no.	Dimensions in mm (W x H)
07.861.16	375 x 125



#### Cover plate and emergency stop

Cover plate incl. emergency stop button

Item no.	Dimensions in mm (W x H)
07.861.09	125 x 125



#### Cover plate and earthed socket

Cover plate incl. earthed socket

Item no.	Dimensions in mm (W x H)
07.861.11	125 x 125



#### Cover plate and CEE socket

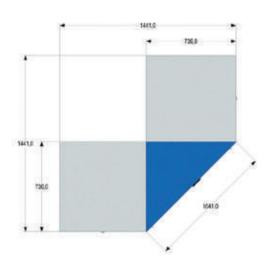
■ Cover plate incl. CEE socket

Item no.	Dimensions in mm (W x H)
07.861.12	16 A - 250 x 125
CEE32A	32 A - 250 x 125

# Other workbenches

#### **Tool dispensing systems**





#### **Corner cabinet**

- Used for a right-angled arrangement of drawer cabinets
- Stable version made from high-quality sheet metal, with 2x hinged doors 900 mm
- 2x adjustable shelves and cylinder lock with two keys

Item no.	Dimensions in mm (WxDxH)
04.250.20	1050 x 736 x 1019



#### Hinged flap

■ Beech multiplex 25 mm, incl. hinges

Pos	. Item no.	Dimensions in mm (WxD)
1	04.250.35	705 x 736

#### Swing door

- Single-leaf (double-leaf on request)
- Beech multiplex 25 mm, incl. door hinges

Pos.	Item no.	Dimensions in mm (WxH)
2	04.250.30	705 x 1019



#### Workbenches



#### Drawer cabinets R 18-24 for 6-corner and 8-corner benches

Dimensions in mm (W x D x H) 555 x 736 x 819 mm Drawers with full pull-out (FP) 100% Drawers with 50 mm front height, load capacity 70 kg Drawers from 75 mm front height, load capacity 100 kg







■ 1x hinged door

580/0010.550V



- 3x drawer
- 1x hinged door

580/0300.400V



Drawer cabinet, divided, 2x drawer each

580/2.0040V



Drawer cabinet, divided, 3x drawer each

580/2.0600V



Drawer cabinet, divided, 3x drawer each

580/2.1110V



- 1x hinged door
- 1x Shelf

580/0001FL



- 2x drawer
- 1x hinged door

580/0110/450V



■ 5x drawer

580/0140V



Drawer cabinet, divided, 1x drawer each

580/2.0002V



Drawer cabinet, divided, 2x drawer each

580/2.0202V

# Other workbenches

#### 6-corner group workplaces

## New

#### Delivered unassembled, for easy self-assembly

#### 6-corner-worktop

■ Beech multiplex 40 mm

Item no.	Dimensions in mm (WxDxH)
03.15.66	2500 x 2165 x 40

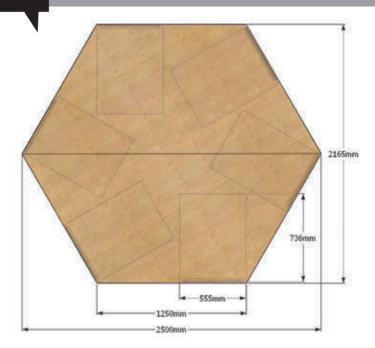
#### Intermediate plate

Mounting between two drawer cabinets

Item no.	Dimensions in mm (WxDxH)
03.58.20	101 x 30 x 815

#### **Drawer cabinets**

- Dimensions in mm (W x D x H) 555 x 736 x 819 mm
- Drawers with full pull-out 100 %
- Drawers with front height 50 mm load capacity 70 kg
- Drawers with front height 75 mm an more load capacity 100 kg





#### 6-corner-workbench

- 6 x drawer cabinet R18-24, each 2 x drawer 100 mm, 2 x 150 mm, 1 x 200 mm
- 6 x Intermediate plate, between two drawer cabinets
- 1 x 6-corner workbench top, beech multiplex worktop 40 mm

Item no.	Dimensions in mm (WxDxH)
03.66.05V	2500 x 2165 x 859



#### 6-corner-workbench

- 6 x drawer cabinet R18-24, each 1 x drawer 50 mm, 1 x 100 mm, 1 x 150 mm (above and below)
- 6 x Intermediate plate
- 1 x 6-corner workbench top, beech multiplex 40 mm

Item no.	Dimensions in mm (WxDxH)
03.66.2.111V	2500 x 2165 x 859

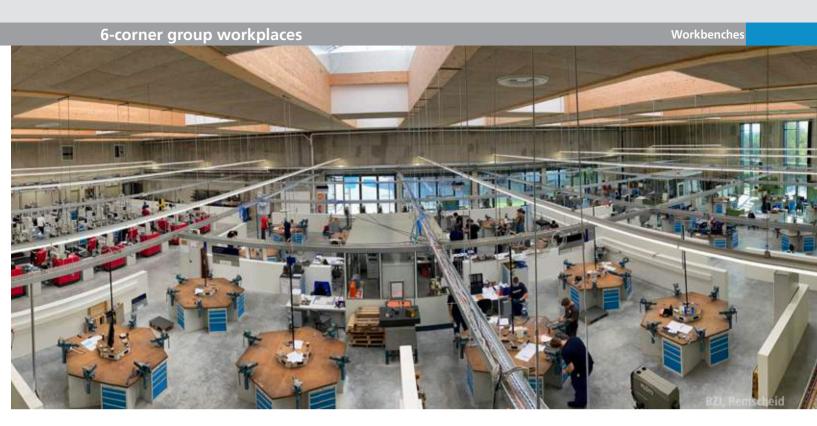


#### 6-corner-workbench

- 6 x drawer cabinet R18-24,
   each 1 x drawer 100 mm, 1 x 150 mm 1 x hinged door 500 mm
- 6 x Intermediate plate
- 1 x 6-corner workbench top, beech multiplex 40 mm

Item no.	Dimensions in mm (WxDxH)
03.66.11/450V	2500 x 2165 x 859

# bedrunka+hirth











#### 6-corner energy ramp

Item no.	Description
03.66.73-1	6-corner energy ramp, 6 x socket panel with 2 x earthed socket, 6x 1/4" compressd air connection, unwired, 825 x 715 x 165 mm (W x D x H)
03.66.73-3	6-corner energy ramp, 6 x socket panel with 2 x earthed socket, unwired, 825 x 715 x 165 mm (W x D x H)
03.66.73/BL	6-corner energy ramp, empty, unequipped and unwired, 6x 375 mm wide
03.66.73/BL2	6-corner energy ramp two-story, empty, unequipped and unwired, 12x 375 mm wide
07.861.12	Cover plate incl. CEE socket 16 A, 250 mm wide
07.861.19	Cover plate incl. network socket, RJ45 socket, 125 mm wide
07.861.07	Cover plate incl. compress air, 1/4", 125 mm wide
07.861.21	Cover plate incl. socket panel, socket panel with 2 x earthed socket, 250 mm wide
07.861.08	Cover plate incl. compressed air, 1/2", 125 mm wide
07.861.11	Cover plate incl. socket panel with 1 x earthed socket, 125 mm wide
07.861.14	Cover plate incl. socket panel with 2 x earthed socket, 375 mm wide
07.861.15	Cover plate incl. socket panel with 3 x earthed socket and on/off switch, 375 mm wide
07.861.16	Cover plate incl. socket panel with 4 x earthed socket, 375 mm wide

# Other workbenches

#### 8-corner group workplaces

#### Delivered unassembled, for easy self-assembly

#### 8-corner-worktop

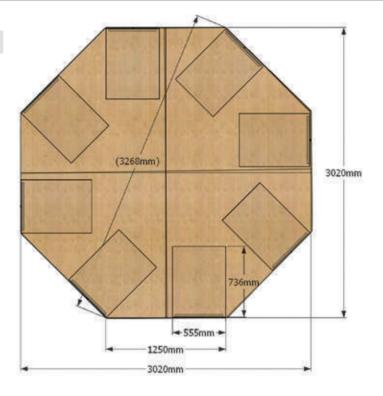
■ Beech multiplex 40 mm

Item no.	Dimensions in mm (WxDxH)
03.15.88	3020 x 3020 x 40

#### Intermediate plate

Mounting between two drawer cabinets

Item no.	Dimensions in mm (WxDxH)
03.58.21	261 x 30 x 815



#### **Drawer cabinets**

- Dimensions in mm (W x D x H): 555 x 736 x 819 mm
- Drawers with full pull-out 100 %, load capacity 100 kg



#### 8-corner-workbench

- 8 x drawer cabinet R18-24, each 7 x drawers 100 mm
- 8 x Intermediate plate
- 1 x 8-corner workbench, top beech multiplex 40 mm

Item no.	Dimensions in mm (WxDxH)
03.88.05V	3020 x 3020 x 859

# New



#### 8-corner-workbench

- 8 x drawers R18-24, each 3 x drawers 100 mm, 1 x hinged door 400 mm
- 8 x Intermediate plate
- 1 x 8-corner workbench top, beech multiplex 40 mm

Item no.	Dimensions in mm (WxDxH)
03.88.3/400V	3020 x 3020 x 859







#### 8-corner energy ramp

Item no.	Description
03.88.73-1	8-corner energy ramp, 8 x $1/4$ " compressed air connector, 8 x socket panel with 2 x earthed socket, unwired, 1075 x 995 x 165 mm, 8 x 375 mm
03.88.73/BL	8-corner energy ramp, empty, unequipped and unwired, 1075 x 995 x 165 mm, 8 x 375 mm wide
03.88.73/BLB	8-corner energy ramp, empty, unequipped and unwired, 1570 x 1450 x 165 mm, 8 x 500 mm wide
07.861.12	Cover plate incl. CEE socket 16 A, 250 mm wide
07.861.19	Cover plate incl. network socket, RJ45 socket, 125 mm wide
07.861.07	Cover plate incl. compressed air, 1/4", 125 mm wide
07.861.08	Cover plate incl. compressed air, 1/2", 125 mm wide
07.861.11	Cover plate incl. socket panel with 1 x earthed socket, 125 mm wide
07.861.14	Cover plate incl. socket panel with 2 x earthed socket, 375 mm wide
07.861.15	Cover plate incl. socket panel with 3 x earthed socket and on/off switch, 375 mm wide
07.861.16	Cover plate incl. socket panel with 4 x earthed socket, 375 mm wide

Additional components s. page 238

# Workbench accessories



## **ON** THE WORKBENCH



Energy duct Seite 238



Worktop covers Page 240



Universal "on the workbench" accessories Page 241



Vices and accessories Page 242



Open fronted storage bins, information boards Page 248



Open fronted storage bins, info boards Page 252

#### **UNDER THE WORKBENCH**



Universal "under the workbench" accessories Page 253



Workplace mats, wooden grating Page 254



Flex-box and hanging base cabinets Page 255



#### **Energy duct**





#### Energy duct mounting bracket for mounting on the worktop

■ Mounting brackets for direct mounting on worktop (pair)







#### **Energy duct, empty**

- Universal applicable
- Fuses s. page 284
- Unwired
- The width of the individual cover plates added together equals the width of the energy duct

Item no.	Dimensions in mm (WxDxH)	Systemmaß in mm
07.861.501	375 x 60 x 130	-
07.861.500	500 x 60 x 130	-
07.861.701	625 x 60 x 130	750
07.861.801	875 x 60 x 130	1000
07.861.1251	1125 x 60 x 130	1250
07.861.1301	1375 x 60 x 130	1500
07.861.1751	1625 x 60 x 130	1750
07.861.1801	1875 x 60 x 130	2000









- 45° inclination
- For mountin on the worktop
- Fuses s. page 284
- Unwired
- The width of the individual cover plates added together equals the width of the energy duct

Item no.	Dimensions in mm (WxDxH)
07.861.1005	1000 x 150 x 150
07.861.1255	1250 x 150 x 150
07.861.150\$	1500 x 150 x 150
07.861.2005	2000 x 150 x 150





#### Cover plate for the energy duct

Item no.	Dimensions in mm (WxH)
07.861.04	125 x 125
07.861.05	250 x 125
07.861.06	375 x 125



#### Cover plate and socket panel

Cover plate incl. socket panel with 3x earthed sockets with on/off switch

Item no.	Dimensions in mm (WxH)
07.861.15	375 x 125



#### Cover plate and socket panel

Cover plate incl. socket panel with 4x earthed socket

Item no.	Dimensions in mm (WxH)
07.861.16	375 x 125



#### Cover plate and socket panel

Cover plate incl. socket panel with 2x earthed socket

Item no.	Dimensions in mm (WxH)	
07 861 21	250 x 125	



#### **USB** port

Cover plate incl. USB A and USB C port

Item no.	Dimensions in mm (WxH)
07.861.33	125 x 125



Cover plate incl. earthed socket, USB A and USB C port

Item no.	Dimensions in mm (WxH)	
07.861.26	125 x 125	



#### Cover plate and network socket

■ Cover plate incl. RJ45 socket

Item no.	Dimensions in mm (WxH)
07.861.19	125 x 125



#### Cover plate and toggle switch

■ Cover plate incl. toggle switch

Item no.	Dimensions in mm (WxH)	
07.861.10	125 x 125	



#### Cover plate and CEE socket

■ Cover plate incl. CEE socket

Item no.	Dimensions in mm (WxH)	
07.861.12	16 A - 250 x 125	
CEE32A	32 A - 250 x 125	



#### Cover plate and emergency stop

Cover plate incl. emergency stop button

Item no.	Dimensions in mm (WxH)	
07.861.09	125 x 125	



#### Cover plate and earthed socket

Cover plate incl. earthed socket

Item no.	Dimensions in mm (WxH)	
07.861.11	125 x 125	



#### Cover plate and compress air

• Cover plate incl. compressed air connection

Item no.	Dimensions in mm (WxH)	
07.861.07	1 / 4" - 125 x 125	
07.861.08	1 / 2" - 125 x 125	

#### Worktop covers



High-strength non-slip mat for use as a worktop cover, transport securing device and floor mat, made from highly tear-proof PES base material with PVC soft foam special coating.

The "Panther" anti-slip mat is produced in accordance with the latest EU regulations "Restriction of Hazardous Substances" and is free of azo dyes, formaldehyde, silicon and poisonous heavy metals such as lead and cadmium

**Processing:** The non-slip mat can be cut with the cutter, perforated with a punch, nailed, riveted and screwed.

Other dimensions on request.

#### Safety non-slip mats as workbench coverings

Item no.	Dimensions in mm (WxDxH)	
0310754ANT	1000 x 750 x 4	
0312754ANT	1250 x 750 x 4	
0315754ANT	1500 x 750 x 4	
0320754ANT	2000 x 750 x 4	
0325754ANT	2500 x 750 x 4	
Cpl. roll		
0340604ANT	600 x 4000 x 4	
0340804ANT	800 x 4000 x 4	
0340104ANT	1000 x 4000 x 4	
Adhesive		
0340604SANT	600 x 4000 x 4	
0340804SANT	800 x 4000 x 4	

#### Advantages:

- Temperature resistance approx. -40 °C to +120 °C
- Closed surface no absorption of liquids
- Excellent resistance to acids, lyes, oil, petrol and diesel
- Melting temperature approx. 250 °C, auto-ignition temperature approx. 350 °C
- Cleaning: wipe with a damp cloth and a solvent-free cleaning agent.
   Rinse thoroughly with water and allow to dry.



**Processing:** soft PVC material can be cut with the cutter, perforated with a punch, nailed, riveted and glued with special adhesive.

**Properties:** Soft PVC, bluish- transparent, glossy and flexible Normal quality, Shore A approx 80°

Temperature-resistant from -20 °C to +60 °C

UV-stabilised

DOP-, cadmium and silicone free

#### **Soft PVC workbench coverings**

- Transparent
- Bluish

Item no.	Dimensions in mm (WxDxH)
0310754TRA	1000 x 750 x 4
0312754TRA	1250 x 750 x 4
0315754TRA	1500 x 750 x 4
0320754TRA	2000 x 750 x 4
0325754TRA	2500 x 750 x 4

#### Advantages:

- Particularly long life
- High wear resistance
- Easy to clean
- Recyclable
- VOC values according to European standard



#### **Rotary plate**

- Without locking mechanism
- With ribbed rubber mat

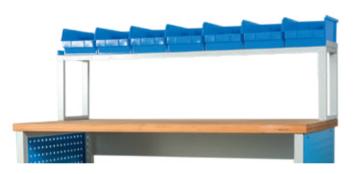
Item no.	Dimensions in mm
07.60.380A	Ø 380
07.60.370A	Ø 500



#### Rotary plate with locking mechanism

- With locking mechanism every 45°
- With ribbed rubber mat

Item no.	Dimensions in mm
07.60.38	Ø 380
07.60.37	Ø 500
07.60.38ESD	Ø 380, ESD-version
07.60.37ESD	Ø 500, ESD-version



#### Frame attachment

■ For screwing onto the workbench top

Item no.	For table width	Dimensions in mm (DxH)
03.12.98	1200 mm	300 x 360
03.15.98	1500 mm	300 x 360
03.20.98	2000 mm	300 x 360
03.25.98	2500 mm	300 x 360



#### Shelf, 3rd level

■ Beech multiplex 25 mm

Item no.	Dimensions in mm (WxDxH)
07.25.33	1000 x 260 x 300
07.25.35	1500 x 260 x 300

#### Roller shutter attachment cabinet for mounting on the workbench

■ Incl. 2x perforated wall

Item no.	Dimensions in mm (WxDxH)
03.990.01.14	910 x 220 x 820



Scope of delivery without decoration

#### Workbench accessories, heavy version





#### **Vice Mondial**

- Forged from steel
- Jaws interchangeable
- Induction hardened, knurled jaws
- Ground surfaces
- Burnished threaded wrench
- Induction hardened and ground Anvil
- Induction hardened and ground sliding parts
- With adjusting screws
- Opening to the front.
- Color similar to RAL 5001

Item no.	Jaw width in mm
03.M88.100	100
03.M88.125	125
03.M88.150	150
03.M88.175	175

#### Rotary plate for vice Mondial

- Swivels 360°
- With 2x locking lever

Item no.	Jaw width in mm
03.M88.101	100
03.M88.121	125
03.M88.151	150
03 M88 171	175

#### Lift for vice Mondial

- The vice can be effortlessly, quickly and safely adjusted up to a height of 215 mm by means of a gas pressure spring and can be rotated 360°.
- The lift can also be used for other types of vices.

Item no.	Jaw width in mm
03.M88.102	100
03.M88.122	125
03.M88.152	150
03.M88.172	175





#### Vice MG/10

- Made of special cast iron G22
- Dovetail guide
- Replaceable jaws made of steel, knurled and hardened.
- Opening to the rear

Item no.	Jaw width in mm
03.M89.080	80
03.M89.100	100
03.M89.120	120
03.M89.150	150

#### Rotary plate forVice MG/10

Swivels 360°

Item no.	Jaw width in mm
03.M89.081	80
03.M89.101	100
03.M89.121	120
03.M89.151	150



#### Lift for vice MG/10

- The vice can be effortlessly, quickly and safely adjusted up to a height of 215 mm by means of a gas pressure spring and can be rotated 360°.
- The lift can also be used for other types of vices..

Item no.	Jaw width in mm
03.M89.082	80
03.M89.102	100
03.M89.122	120
03.M89.152	150



#### **LEINEN - Vice Junior**

- Maximum stability due to high-strength solid gray cast iron (G 25)
- Cast-on clamping jaws
- With interchangeable jaws. Jaws have one knurled and one smooth side and can be turned around as required
- Absolutely backlash-free movement of upper and lower part due to precision-machined dovetail guide
- Safe guidance even in wide open condition
- High impact resistance and long service life
- Special jaw locking, thus no jaw position change and loosening under impact load
- Cross slide precisely adjustable due to smooth-running, backlash-free spindle operation
- Parallel jaws in toolmaker quality, even after years of use
- Problem-free conversion from "fixed" to "rotating" design
- Opening to the rear
- Hammer finish according to RAL 6011/ also available in RAL 5007.

Item no.	Jaw width in mm
03.89.100	100
03.89.125	125
03.89.150	150





#### **Rotary plate**

- Swivels 360°
- Also available in RAL 5007

ltem no.	Backenbreite in mm
03.89.101	100
03.89.102	125
03.89.105	150

#### **LEINEN - Lift**

- The vice can be effortlessly, quickly and safely adjusted up to a height of 215 mm by means of a gas pressure spring and can be rotated 360°.
- The LEINEN lift can also be used for other types of vices...
- Also available in RAL 5007

Item no.	Backenbreite in mm
03.89.111	100
03.89.122	125
03.89.155	150



#### Workbench accessories, lightweight version



#### Panther vice

- Jaws forged and hardened.
- Induction hardened, knurled jaws. Ground surfaces
- Burnished threaded wrench
- Induction hardened and ground anvil
- Induction hardened and ground sliding parts
- Adjustment screws
- Opening to the front
- Color similar to RAL 5009

Item no.	Jaw width in mm
03.88.100	100
03.88.120	120
03.88.140	140
03.88.160	160



#### **Panther lift**

- The vice can be effortlessly, quickly and safely adjusted up to a height of 215 mm by means of a gas pressure spring and can be rotated 360°.
- The lift can also be used for other types of vices.

Item no.	Jaw width in mm
03.88.111	100
03.88.122	120
03.88.144	140
03.88.166	160





#### Panther rotary plate

- Swivels 360°.
- With 2x locking lever.

Item no.	Jaw width in mm
03.88.101	100
03.88.102	120
03.88.103	140
03.88.104	160



#### Collapsible lift for Panther vice

- The vice can be effortlessly, quickly and safely adjusted up to a height of 215 mm by means of a gas pressure spring and can be rotated 360°.
- In the twinkling of an eye, the vice can be lowered under the workbench with the help of the lift, thus creating a free working area.
- Suitable for vice PANTHER with 120 mm jaw width.

Item no.	Jaw width in mm
03.88.170	120

#### Vice H entirely forged from steel

- Galvanized spindle wrench with riveted steel retaining rings
- Drop-forged front jaw, protected precision spindle bearings
- Surface hardened clamping jaws
- Slim but stable guide rail
- Tube clamping jaws forged on as standard
- Drop-forged rear jaw with shape-optimized anvil
- Forged-on strong spindle nut
- Drop-forged guide plates
- Adjustable guide via central screw
- Double, internal prismatic guide, thus no contamination and damage

	100 1 1 1 1 1

Item no.	Jaw width in mm	Clamping width in mm	Clamping depth in mm	Clamping jaws for tube outside diameter in mm	Weight in kg
03.84.100	100	125	50	16-30	4,5
03.84.120	120	150	65	16-55	9
03.84.140	140	200	80	27-70	16
03.84.160	160	225	100	27-100	27



#### Lift for vice H

■ Height adjustable by 200 mm

Item no.	For jaw width in mm	Load capacity in kg	Weight in kg
03.86.100	100	4-10	8
03.86.120	120	4-10	8
03.86.140	140	10-16	9
03.86.160	160	16-29	9



#### Collapsible lift for vice H

Item no.	For jaw width in mm	Lowest point in mm	Folding depth in mm	Load capacity in kg	Weight in kg
03.85.120	120	590	460	4-10	14
03.85.140	140	630	495	10-16	11,9



#### Tilting device for vice H

New

Item no.	For jaw width in mm	Lowest point	Folding depth	Weight in ka
03.86.121	120	590	460	11,5
03.86.141	140	630	495	11,9



#### Housing for collapsible vlice lift

- Lockable housing
- Lock can be mounted left or right
- Front plastic roller shutter
- Usable dimension 260 x 475 x 680 mm

Item no.	Dimensione in mm (WxDxH)
03.84.04	300 x 500 x 819

#### 100 mm base for vice housing

Item no.	Dimensione in mm (WxDxH)
03.84.07	300 x 500 x 100



# Workbench accessories

#### **MAGNEFIX**

The new MAGNEFIX protective jaws provide a firm but gentle grip and are the best choice even for demanding craftsmen.

The MAGNEFIX jaws are right-angled, surface-parallel and suitable for all vices, including machine vices, making them equally suitable for production as assembly work. MAGNEFIX protective jaws are equipped with extremely strong magnetic strips for quick and easy assembly. The magnetic strip is only magnetic against the vise and therefore does not attract iron filings and dirt. In addition, the workpiece is not magnetized.

#### Advantages:

- Shockproof extruded polycarbonate
- Extremely powerful neodymium magnetic strip
- Holding force for a 100-mm wide protective jaw is 3.5 kg, corresponding to 34N
- Hardened aluminum 6063, T66F25 with magnesium and silicon as alloy components
- Provides superior corrosion protection with first-class surface finish and is ideally suited for firm clamping in a vise while protecting delicate workpieces

#### PRISMATIC PROTECTIVE JAWS

The MAGNEFIX prismatic protective jaws are designed for versatile use and offer efficient clamping while protecting the workpiece. Designed for

- horizontal clamping of flat workpieces
- horizontal clamping of round workpieces
- vertical clamping of round workpieces

For thread cutting, it's recommended using only one protective jaw with prisms to prevent damage to the jaw. The keyway aligns the workpiece, whilte the fluting of the opposite vise jaw prevents rotation.



90° recess at the top for clamping of flat bars during marking or center punching.



Horizontal 120° V-groove for clamping tubes and other round workpieces.



Three vertical V-grooves with 100°, 120° and 130° for clamping tubes and other round workpieces.

# New



#### **MAGNEFIX N**

- Neutral protective jaws made of hardened aluminum
- For the clamping of coarse or medium coarse workpieces

Item no.	Für Backenbreite in mm
03.06.0100	100
03.06.0120	120
03.06.0125	125
03.06.0140	140
03.06.0150	150
03.06.0160	160
03.06.0180	180



#### **MAGNEFIX P**

- Prismatic pipe protection jaws made of hardened aluminum
- For easy centering

Item no.	Für Backenbreite in mm
03.06.3100	100
03.06.3120	120
03.06.3125	125
03.06.3140	140
03.06.3150	150
03.06.3160	160
03.06.3180	180



#### MAGNEFIX F

- Protective jaws made of hardened aluminum with fiber cover
- For highly processed workpieces

	Für Backenbreite in mm
03.06.2100	100
03.06.2120	120
03.06.2125	125
03.06.2140	140
03.06.2150	150
03.06.2160	160
03.06.2180	180



#### PROTECTIVE JAWS MADE OF POLYURETHANE

The protective jaws are made of highly flexible polyurethane with a Shore hardness of A82. Polyurethane is known for its unique ability to "bite" into the workpiece without damaging or scratching it. At the same time, it's extremly flexible, so it easily returns to its original shape after deformation.





#### **MAGNEFIX G**

- Neutral protective jaws made of hardened aluminum
- For the clamping of coarse or medium coarse workpieces

Item no.	Für Backenbreite in mm
03.06.1100	100
03.06.1120	120
03.06.1125	125
03.06.1140	140
03.06.1150	150
03.06.1160	160
03.06.1180	180



#### **MAGNEFIX RUF**

- Fluted protective jaws made of polyurethane
- For clamping flat workpieces with very delicate details
- For a firm grip

Item no.	Für Backenbreite in mm
03.06.4100	100
03.06.4125	125
03.06.4140	140
03.06.4150	150



#### **MAGNEFIX PUP**

- Fluted protective jaws made of polyurethane
- For clamping flat workpieces with very delicate details

Item no.	Für Backenbreite in mm
03.06.5100	100
03.06.5125	125
03.06.5140	140
03.06.5150	150



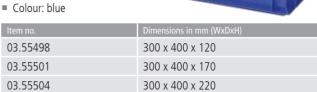
#### Transport and stacking containers

- Stackable, made of high-quality polypropylene, comply with the provisions of the German Food Law
- Suitable for small roller conveyors
- Container size coordinated to pallet dimensions 1200 x 800 mm
- Material: polypropylene

#### Euro storage bins

Polypropylene













300 x 200 x 75

300 x 200 x 145

400 x 300 x 75

#### Closed walls and bottom, made of polypropylene

Transport and stacking containers made of polypropylene, comply with the provisions of the German Food Law

	Dimensions in mm (WxDxH)				
	Exterior	200 x 300 x 75	200 x 300 x 145	400 x 300 x 75	400 x 300 x 120
	Interior	157 x 255 x 65	152 x 252 x 133	356 x 255 x 65	356 x 255 x 110
Red	Item no.	078000201	077000201	075750201	075120201
Blue	Item no.	078000202	077000202	075750202	075120202
Green	Item no.	078000203	077000203	075750203	075120203
Yellow	Item no.	078000204	077000204	075750204	075120204
Grey	Item no.	078000205	077000205	075750205	075120205









Closed walls and bottom, made of polypropylene

Transport and stacking containers made of polypropylene, comply with the provisions of the German Food Law

Dimensions in mm (WxDxH)					
	Exterior	300 x 400 x 145	300 x 400 x 175	300 x 400 x 210	300 x 400 x 270
	Interior	255 x 356 x 135	255 x 356 x 165	255 x 356 x 200	255 x 356 x 255
Red	Item no.	075000201	075170201	074210201	074000201
Blue	Item no.	075000202	075170202	074210202	074000202
Green	Item no.	075000203	075170203	074210203	074000203
Yellow	Item no.	075000204	075170204	074210204	074000204
Grey	Item no.	075000205	075170205	074210205	074000205



#### Closed walls and bottom, made of polypropylene

Transport and stacking containers made of polypropylene, comply with the provisions of the German Food Law

		Dimensions in mm (WxDxH)					
Exterior		400 x 600 x 75	400 x 600 x 120	400 x 600 x 145	400 x 600 x 175	400 x 600 x 210	400 x 600 x 270
	Interior	352 x 551 x 65	352 x 551 x 110	352 x 551 x 133	352 x 551 x 165	352 x 551 x 200	352 x 551 x 255
Red	Item no.	072750201	072120201	072000201	072170201	071210201	071000201
Blue	Item no.	072750202	072120202	072000202	072170202	071210202	071000202
Green	Item no.	072750203	072120203	072000203	072170203	071210203	071000203
Yellow	Item no.	072750204	072120204	072000204	072170204	071210204	071000204
Grey	Item no.	072750205	072120205	072000205	072170205	071210205	071000205





#### Plastic open fronted storage bins

Stackable, made of high-quality polypropylene, comply with the provisions of the German Food Law. All containers can be fitted with slide-in labels.

			Dimensions in mm (WxDxH)				
	Exterior	102 x 90/76 x 50	105 x 164/150 x 75	150 x 230/205 x 125	150 x 290/265 x 125	213 x 330/301 x 150	213 x 330/297 x 200
	Interior	87 x 70 x 43	85 x 135 x 62	122 x 194 x 113	122 x 254 x 113	179 x 280 x 137	179 x 280 x 185
Red	Item no.	019500221	018500221	017500221	016500221	015500221	014500221
Blue	Item no.	019500222	018500222	017500222	016500222	015500222	014500222
Green	Item no.	019500223	018500223	017500223	016500223	015500223	014500223
Yellow	Item no.	019500224	018500224	017500224	016500224	015500224	014500224
Grey	Item no.	019500225	018500225	017500225	016500225	015500225	014500225
Packing unit		50	25	25	25	10	10

<sup>\*</sup>With suspension for holding rails and slotted panels

#### Info boards



#### Info board A5, Wall 10

- Complete set made of powder-coated sheet steel, for wall mounting
- Metal wall bracket with 10 display panels
- A5 format (10 pieces in black)
- Tab with blank insert labels

Item no.	Version
5507	Black



#### Info board A4, Wall 20

- Complete set made of powder-coated sheet steel, for wall mounting
- Metal wall bracket with 20 display panels
- A4 format (5 pieces in each colour: red, yellow, green and dark blue)
- Tab with blank insert labels

Item no.	Version
5512	Assorted colours



#### Info board A4, Wall 5

- Complete set made of powder-coated sheet steel, for wall mounting
- Metal wall bracket with 5 display panels
- A4 format
- Tab with blank insert labels

Item no.	Version
5551R	Red
5551B	Blue
55510	Orange



#### Info board A4, Wall 10

- Complete set made of powder-coated sheet steel, for wall mounting
- Metal wall bracket with 10 display panels
- A4 format (2 pieces in each colour: black, red, yellow, green and dark blue)
- Tab with blank insert labels

Item no.	Version
5567	Assorted colours



#### Info panel A4

- Polypropylene display panels with all-round, coloured profile frame with 5 display panels
- DIN A4 format (5 pieces in each colour: black, red, yellow, green, dark blue, orange, grey, graphite, blue, violet

Item no.	Version
5606	Assorted colours



#### Magnetic Info board A4, Wall 5

- Metal wall bracket with magnetic back with 5 display panels
- A4 format
- Can be quickly and easily attached to metallic substrates such as racks or machines

Item no.	Version
5914	Black

#### Workbenches

#### Sorting racks and magnetic frames

Metal sorting racks for the clear sorting of documents. Available in multiple colour and sizes. Ideal for wall mounting, includes fastening material, also suitable for desktop use Label window on the side



- Sorting rack with 5 compartments
- For A4/folio format
- Powder-coated steel
- (WxDxH): 360 x 250 x 330 mm

Item no.	Version
3360-01	Black
3360-10	Grey



- Sorting rack with 8 compartments
- For A4/folio format Powder-coated steel
- (WxDxH): 360 x 250 x 540 mm

Item no.	Version
3361-01	Black
3361-10	Grey

#### Magnetic frame

For the clear presentation of information

- Material: anti-reflective rigid film, thickness 240 my
- Can be used in profile and landscape format
- Frames adhere to all ferrous surfaces
- Scratch-proof frame print
- Back completely sealed with magnets
- Paper can be changed extremely quickly (lift one corner change paper let go of corner done)
- Example applications: Notices on whiteboards, signs on control cabinets and in lockers



#### Magnetic label bag

- Bag of 50 pieces
- Made of durable PP with two magnet strips for attachment to metallic surfaces such as storage racks
- Scanner-friendly and waterproof
- Blue

Item no.	Internal dimensions (HxW) in mm	External dimensions
1741-07	38 x 100	50 x 110
1742-07	67 x 150	80 x 160



- Magnetic frame A3
- Bag of 5 pieces

Item no.	Version
4868-01	Black
4868-03	Red
4868-07	Dark blue
4868-23	Silver/grey



- Security magnetic frame A4
- Bag of 5 pieces

Item no.	Version
4945-130	Yellow/black
4945-131	Green/white
4945-132	Red/white



- Magnetic frame A4
- Bag of 5 pieces

Item no.	Version
4869-01	Black
4869-03	Red
4869-07	Dark blue
4869-23	Silver/grey



#### Wall-mounted hanging tool cabinets

- Stable sheet steel construction
- Rear wall with square perforation
- Square perforation 10x10 mm
- Spacing from hole middle to hole middle 38 mm
- Doors can hinged on the right or left
- Cylinder lock with two keys
- Mounting on the wall with dowels and screws





#### Single shelf for wall-mounted hanging tool cabinet

Item no.	Dimensions in mm (WxDxH)
03.87WFB	490 x 180 x 20
03.87.WFB1000	990 x 290 x 20





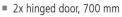
- 2x hinged door, 700 mm
- 1x drawer FH 75 mm, full pull-out 100%, load capacity 15 kg
- 1x shelf, 990 mm



Item no.	Dimensions in mm (WxDxH)
03.87W500	500 x 200 x 750

Item no.	Dimensions in mm (WxDxH)
03.87W1000S	1000 x 310 x 750





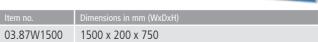
■ 1x hinged door, 700 mm

- 1x partition wall
- 3x shelf





- 3x hinged door, 700 mm
- 2x partition wall
- 4x shelf



# Universal "under the workbench" accessories

Workbenches





- Support surface: 500 x 300 mm (WxD)
- Chipboard coated on both sides, 16 mm with edging

Item no.	Dimensions in mm (WxDxH)
07.2036	600 x 300 x 70



#### Perforated side wall for box workbench frame

■ For one side

Item no.	Dimensions in mm (W x H)
03.83.736	731 x 720



#### Footrest

Freestanding, inclined

Item no.	Dimensions in mm (WxDxH)
07.89.09	600 x 300



#### Footrest

Individually adjustable height and incline

Item no.	Dimensions in mm (WxDxH)
07 00 30	470 x 410 x 430



### PC support H

- For attachment under the worktop
- Width adjustable

Item no.	Dimensions in mm (WxDxH)
07.89.06	250 x 550 x 500

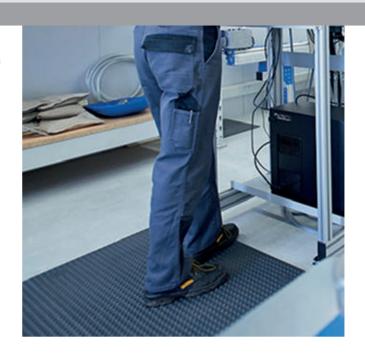


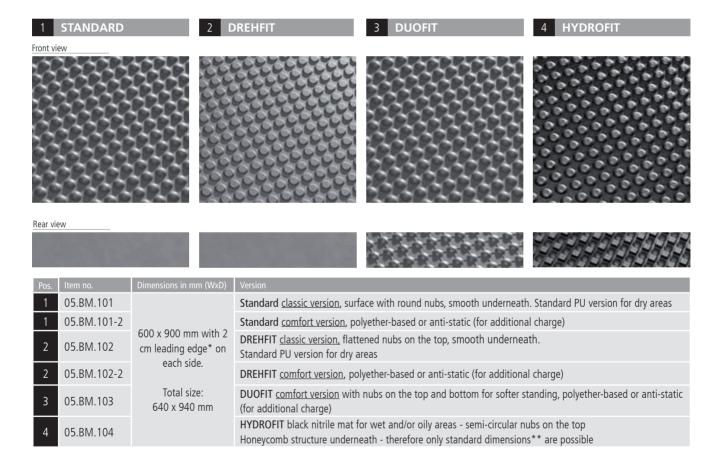
# Workbench accessories UNDER THE WORKBENCH

#### **Workplace** mats

# Preventive health protection by ensuring that workers stand in a safe and healthy way

- High wear resistance
- Good low-temperature behaviour
- Exceptional ageing resistance
- Durability
- Excellent dimensional stability
- Wear resistance
- Environmental compatibility (free of silicon, CFCs, HCFCs, PVC, propellants and solvents)
- Special dimensions possible
- Standard PU colour: anthracite grey.
   Additional charge for coloured mats (opal green + ultramarine blue)
- Weight: 3 kg
- 600 x 900 mm
- Temperature resistance: -40°C to +80°C
- Electrical resistance: 106  $\Omega$  (ESD)





Classic version: PUR integral foam mixture, mainly for dry working areas

Comfort version: Polyether-based polyurethane, water-resistant and fire retardant according to DIN 4102, part 14, B1 – for dry and damp working areas

#### Gluing individual mats

\*The leading edges can be clipped and individual mats can be bonded/glued together. E.g. dimensions 640 mm x 1840 mm or 640 x 2740 mm or upright glued 940 x 1840 mm or 940 x 2440 mm additional charge for gluing



600 x 900 mm



600 x 1800 mm

<sup>\*\*</sup> Standard dimensions are all sizes based on a multiple of 600 or 900 mm (see right)

Flex-Box Workbenches





#### Flex-box insert boxes

Individual subdivision for the plastic flex box and metal flex box. The insert boxes can also be used for individual arrangement in drawers, racks and cabinets.



Insert box	Item no	External dimensions in mm (WxDxH)	Usable dimensions in mm (WxDxH)	Packaging unit
Size 1	03.456300.45	54 x 54 x 45	48 x 48 x 42	20 Stk.
Size 2	03.456301.45	54 x 108 x 45	48 x 101 x 42	20 Stk.
Size 3	03.456302.45	108 x 108 x 45	101 x 101 x 42	10 Stk.
Size 4	03.456303.45	108 x 162 x 45	101 x 155 x 42	10 Stk.
Size 5	03.456304.45	108 x 216 x 45	101 x 209 x 42	10 Stk.

# Insert Boxes height 63 mm

Insert box	Item no	External dimensions in mm (WxDxH)	Usable dimensions in mm (WxDxH)	Packaging unit
Size 1	03.456300.63	54 x 54 x 63	48 x 48 x 60	20 Stk.
Size 2	03.456301.63	54 x 108 x 63	48 x 101 x 60	20 Stk.
Size 3	03.456302.63	108 x 108 x 63	101 x 101 x 60	10 Stk.
Size 4	03.456303.63	108 x 162 x 63	101 x 155 x 60	10 Stk.
Size 5	03.456304.63	108 x 216 x 63	101 x 209 x 60	10 Stk.

Individual insert boxes on request

# Workbench accessories UNDER THE WORKBENCH

### Flex-boxes

#### Plastic flex-box

The polycarbonate hinged lid on a sturdy double-walled base enables the secure storage of small parts.

These can be stored in insert boxes. TThe ergonomic, fold-down handle and the innovative locking technology make the flex-box an ideal storage space. It is available in two heights and in different fittings.





Connected boxes

Handle





19 compartments ■ 9 x size 2

- 3 x size 3
- 4 x separators
- Transparente Einsatzboxen

Item no.	External dimensions in mm (WxDxH)	Usable dimensions in mm (WxDxH)
04.KK454223	440 x 355 x 76	405 x 320 x 60



1 x 283 x 60 x 42; 10 x separators

Item no.	External dimensions in mm (WxDxH)	Usable dimensions in mm (WxDxH)
04.KK454270	440 x 355 x 76	405 x 320 x 60



#### 7 compartments

■ 1 x 283 x 60 x 42; 4 x separators

Item no.	External dimensions in mm (WxDxH)	Usable dimensions in mm (WxDxH)
04.KK454200	440 x 355 x 76	405 x 320 x 60



- 1x 283 x 60 x 42; 4 separators

Item no.	External dimensions in mm (WxDxH)	Usable dimensions in mm (WxDxH)
04.KK454220	440 x 355 x 76	405 x 320 x 60



- 1 x size 5
- 1x 283 x 60 x 42; 4 separators

Item no.	External dimensions in mm (WxDxH)	Usable dimensions in mm (WxDxH)
04.KK454230	440 x 355 x 76	405 x 320 x 60



#### 23 compartments

- 10x size 1
- 5x size 2
- 1x size 3
- 1x size 4
- 1x 283 x 60 x 42; 4 separators

Item no.	External dimensions in mm (WxDxH)	) Usable dimensions in mm (WxDxH)	
04.KK454210	440 x 355 x 76	405 x 320 x 60	

### Workbenches





21 compartments

■ 15 x size 2

■ 1 x 283 x 60 x 42; 4 x Trennstege

Item no.	External dimensions in mm (WxDxH)	Usable dimensions in mm (WxDxH	
04.KK454240	440 x 355 x 76	405 x 320 x 60	



36 compartments

■ 30x size 1

■ 1x 283 x 60 x 42; 4 separators

Item no.	External dimensions in mm (WxDxH)	Usable dimensions in mm (WxDxH)	
04.KK454250	440 x 355 x 76	405 x 320 x 60	

#### Metal flex-box

Sturdy, dark blue flex-box made of powder-coated sheet steel with ergonomic plastic handle for the safe and protected transportation of small parts and accessories. Foam in lid closes tightly with the inserts.





Additional lid lock





23 inserts

- 12x size 1
- 6x size 2
- 3x size 3
- 2x size 4

24 inserts

■ 24x size 2

Item no.	External dimensions in mm (WxDxH)	Usable dimensions in mm (WxDxH)	
04.KK454120	440 x 370 x 70	430 x 325 x 63	



12 inserts

■ 12x size 3

Item no.	External dimensions in mm (WxDxH)	Usable dimensions in mm (WxDxH)
04.KK454121	440 x 370 x 70	430 x 325 x 63



	ltem no.	External dimensions in mm (WxDxH)	Usable dimensions in mm (WxDxH)
	04.KK454122	440 x 370 x 70	430 x 325 x 63



48 inserts ■ 48x size 1

Item no.	External dimensions in mm (WxDxH)	Usable dimensions in mm (WxDxH)	
04.KK454123	440 x 370 x 70	430 x 325 x 63	

# Workbench accessories UNDER THE WORKBENCH

# Flex-box

# 1 Mounting on the wall

Simple mounting on the wall with dowels and screws

# 2 Mounting under a workbench

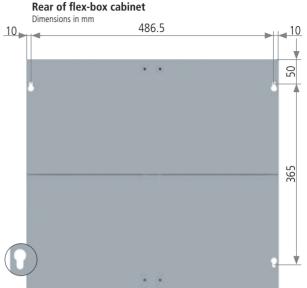
Easy attachment underneath the worktop with screws

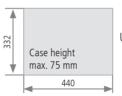
### **3** Freestanding

Each case cabinet stands safely on a worktop or cabinet









Usable dimension of pull-outs in mm



Individual drawer interlocking prevents unwanted opening



#### Flex-box cabinet

- With four pull-outs
- Can be used for both heights of the metal and plastic flex-box



Item no.	External dimensions in mm (WxDxH)
07.5037	507 x 378 x 446



#### Worktable with flex-box cabinet

- Beech multiplex worktop 40 mm
- Table frame 40 x 40 x 2 mm, bolted
- 1x rear wall, 1x half shelf
- 1x case cabinet with 4 compartments
- Without small parts case



Item no. External dimensions in mm (WxDxH)	
03.14.30KS	1500 x 750 x 859

# Hanging base cabinets for screw mounting directly under tabletop

- Drawers with full pull-out (FP) 100%
- Load capacity 35 kg



- 1x drawer, 100 mm
- Usable dimension 300 x 350 x 80 mm

Item no.	Dimensions in mm (WxDxH)
07.18.01	365 x 400 x 140



- 2x drawer, 100 mm
- 1x drawer, 200 mm

Item no.	Dimensions in mm (WxDxH)
07.18.03	365 x 400 x 500



■ 4x drawer, 100 mm

Item no.	Dimensions in mm (WxDxH)
07.18.04	365 x 400 x 500



■ 1x hinged door

	Item no.	Dimensions in mm (WxDxH)
	07.2021	300 x 600 x 600 left
	07.2022	300 x 600 x 600 right



- 1x drawer, 120 mm
- 1x hinged door left or right

Item no.	Dimensions in mm (WxDxH)
07.2016	300 x 600 x 600 left
07.2017	300 x 600 x 600 right



■ 4x drawer, 3x 120 mm, 1x 180 mm

Item no.	Dimensions in mm (WxDxH)
07.2018	300 x 600 x 600



- 1x hinged door
- 1x 4x socket bar
- 1x cable outlet box

Item no.	Dimensions in mm (WxDxH)
07.2019	300 x 600 x 600 left
07.2020	300 x 600 x 600 right



#### Hanging drawer

- Load capacity 60 kg
- Lockable
- Mounting on the worktop

Item no.	Dimensions in mm (WxDxH)	FH
07.2031	476 x 600 x 130	130
07.2032	476 x 600 x 108	180



#### **Keyboard tray**

Support surface: 500 x 300 mm (WxD)

Item no.	Dimensions in mm (WxDxH)
07.2036	600 x 300 x 70



# Workbench accessories UNDER THE WORKBENCH

# Hanging base cabinets depth 500 for screw mounting directly under tabletop

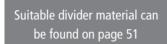
- Drawers with full pull-out (FP) 100%
- Load capacity 50 kg
- Ball bearing guides



Hanging base cabinet R 12-16/R 18-16

Empty housing

Item no.	Dimensions in mm (WxDxH)	Nutzhöhe in mm
01.032	381 x 500 x 215	150
01.033	381 x 500 x 365	300
01.034	381 x 500 x 465	400
01.052	531 x 500 x 215	150
01.053	531 x 500 x 365	300
01.054	531 x 500 x 465	400





Drawer R 12-16/R18-16

All specifications are usable dimensions

Item no.	Dimensions in mm (WxDxH)
60.038.075VA	300 x 400 x 60
60.038.100VA	300 x 400 x 90
60.038.150VA	300 x 400 x 140
60.046.075VA	450 x 400 x 60
60.046.100VA	450 x 400 x 90
60.046.150VA	450 x 400 x 140
60.046.200VA	450 x 400 x 190



■ 1x hinged door, 350 mm

Item no.	Dimensions in mm (WxDxH)	
44.001	531 x 500 x 465	



■ 1x drawer, 150 mm

Item no.	Dimensions in mm (WxDxH)
38.150	381 x 500 x 215
53.150	531 x 500 x 215



■ 2x drawer, 200 mm

Item no.	Dimensions in mm (WxDxH)
38.011	381 x 500 x 465
44.011	531 x 500 x 465



■ 3x drawer, 100 mm

Item no.	Dimensions in mm (WxDxH)
38.300	381 x 500 x 365
53.300	531 x 500 x 365



4x drawer, 100 mm

Item no.	Dimensions in mm (WxDxH)
38.020	381 x 500 x 465
53.020	531 x 500 x 465

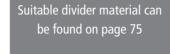


# Hanging base cabinets depth 736 for screw mounting directly under tabletop

Workbenches

- Drawers with full pull-out (FP) 100%
- Drawers with 50 mm front height, load capacity 70 kg
- Drawers from 75 mm front height, load capacity 100 kg
- Ball bearing guides







#### Hanging base cabinet R 18-24

■ Empty housing

Item no.	Dimensions in mm (WxDxH)	Usable height in mm
01.0520	555 x 736 x 215	150
01.0530	555 x 736 x 365	300
01.0540	555 x 736 x 465	400

#### Drawer R 18-24

All specifications are usable dimensions

Item no.	Dimensions in mm (WxDxH)
60.50.050V07	450 x 600 x 30
60.50.100V10	450 x 600 x 83
60.50.150V10	450 x 600 x 133
60.50.200V10	450 x 600 x 183







■ 1x drawer, 150 mm

Item no.	Dimensions in mm (WxDxH)	
520/1VA-1	555 x 736 x 215	

**3** 3x drawer, 1x 50 mm, 1x 100 mm, 1x 150 mm

Item no.	Dimensions in mm (WxDxH)
530.111V	555 x 736 x 365

■ 3x drawer, 100 mm

Item no.	Dimensions in mm (WxDxH)	
535/300V	555 x 736 x 365	





4x drawer, 100 mm

Item no.	Dimensions in mm (WxDxH)
535/020V	555 x 736 x 465





# Multi-board setup



# bedrunka+hirth

# Multi-board setup

Page 279



Multi-board setup Page 265





Multi-board accessories Page 284



Lighting Page 296



Perforated walls and accessories Page 307



# Workbenches with multi-board setup

# MULTI-WALL – suitable for all workstations



Our features	Your advantages
Suitable for all workstations	Custom arrangement options
Modular system	Combinations in different dimensions freely configurable
Two different fastening systems	Suitable for all worktop designs and thicknesses
Perforated and slotted profiles – reinforced and welded	Very stable construction, which the various accessories or special solutions can be attached to
Heights: 650, 950, 1250 & 1550 mm Widths: 700, 1000, 1500 & 2000 mm	Individuality and arrangement can be implemented completely according to customer requirements
Wide range of accessories	The right solution for every application
Attachment of overhead frames with equipment rails possible	Lighting and slider mounted extremely easily, providing ergonomic working conditions
Electricity and compressed air supplied via energy ducts	Power supplied directly at the workplace
Convertible and retrofittable at any time	Additional parts can attached and existing parts can be converted for modified working conditions
All parts available in 15 standard colours	Eco-friendly painting procedure

### Delivered unassembled, for easy self-assembly



# Workbenches with multi-board setup

Grid: R 12-14 R 24-12 R 24-16 R 12-16 R 18-16 R 24-16 R 36-16 R 18-24 R 24-24 R 36-24 R 48-24

- Full pull-out 100 %, load capacity 100 kg
- Supplied without decoration

Suitable divider material for the R 18-24 and R 24-24 can be found on page 75 and 83



#### Multi-board setup

- 2x support column, 650 mm
- 2x shelf, 320 mm

Item no.	Dimensions in mm (WxH)
03.900.15.33	1500 x 650

#### Box workbench R 18-24

- Beech multiplex worktop, 1500 x 750 x 40 mm
- Left: 3x drawer | Right: 3x drawer

Item no.	Dimensions in mm (WxDxH)
03.14.33V	1500 x 750 x 859



# Multi-board setup

- 2x support column, 650 mm
- 1x perforated wall
- 1x shelf, 320 mm

Item no.	Dimensions in mm (WxH)
03.900.15.02-01	1500 x 650

#### Box workbench R 24-24

- Beech multiplex worktop 40 mm
- Left: 2x shelf | Right: 1x drawer, 1x hinged door

Item no.	Dimensions in mm (WxDxH)
03.15.37V	1500 x 750 x 859

R 18-24 Multi-board setup

- Full pull-out 100 %, load capacity 100 kg
- Supplied without decoration



Suitable divider material for the R 18-24 can be found on page 75

#### Multi-board setup

- 2x support column, 1250 mm
- 2x magnetic board
- 2x perforated wall, 1500 mm
- 3x shelf, 320 mm

Item no.	Dimensions in mm (WxH)
03.900.15.580.4	1500 x 1250

#### Inline workbench R 18-24

- Beech multiplex worktop, 1500 x 750 x 40 mm
- 4x drawer
- Base frame made of 50 x 50 x 2 mm square tube

Item no.	Dimensions in mm (WxDxH)
03.15.580.4V	1500 x 750 x 859



#### Multi-board setup

- 3x support column, 1250 mm
- 1x energy bar with 3x earthed sockets and on/off switch
- 1x perforated wall, 1000 mm
- 2x shelf, 320 mm
- 1x multi roller shutter cabinet 910 x 210 x 820 mm
- 1x overhead frame
- 1x equipment rail
- 1 x LED lighting 37,8 W, 1226 lx

Item no.	Dimensions in mm (WxH)
03.900.21	2000 x 1250

#### Inline workbench R 18-24

- Beech multiplex worktop, 2000 x 750 x 40 mm
- 4x drawer
- Base frame made of 50 x 50 x 2 mm square tube

Item no.	Dimensions in mm (WxDxH)
03.20.580.4V	2000 x 750 x 859



# Workbenches with multi-board setup

Grid: R 12-14 R 24-12 R 24-16 R 12-16 R 18-16 R 24-16 R 36-16 R 18-24 R 24-24 R 36-24 R 48-24

- Full pull-out 100 %, load capacity 100 kg
- Supplied without decoration



#### Multi-board setup

- 2x support column 1250 mm
- 1x energy bar with 3x earthed socket and on/off switch
- 1x perforated wall
- 1x magnetic board
- 2x shelf, 320 mm
- 1x overhead frame
- 2x equipment rail
- 1x LED lighting 28,9 W, 1290 lx
- 1x slider

Item no.	Dimensions in mm (WxDxH)
03.900.14.16	1500 x 750 x 1250

#### Box workbench R 18-24

- Beech multiplex worktop, 1500 x 750 x 40 mm
- Left: Steel shelf, half depth | Right: 4x drawer

Item no.	Dimensions in mm (WxDxH)
03.14.16V	1500 x 750 x 859



#### Multi-board setup

- 3x support column 1250 mm
- 2x energy bar with 3x earthed socket and on/off switch
- 2x perforated wall
- 2x magnetic board
- 2x rail for open fronted storage bins, length 450 mm
- 2x pivot arm support
- 1x pivot arm with shelf
- 1x pivot arm with monitor bracket and keyboard platform
- 3x shelf, 320 mm
- 1x overhead frame
- 2x equipment rail
- 2x LED lighting 28,9 W, 1290 lx

Item no.	Dimensions in mm (WxDxH)
03.900.20.16	2000 x 750 x 1250

#### Box workbench R 24-24

- Beech multiplex worktop, 2000 x 750 x 40 mm
- Left: 1x hinged door, 1x shelf | Centre: 2x shelf
- Right: 4x drawer

Item no.	Dimensions in mm (WxDxH)
03.20.16V	2000 x 750 x 859

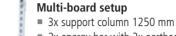
R 18-16 Multi-board setup

- Full pull-out 100 %, load capacity 100 kg
- Supplied without decoration

150

450

Suitable divider material for the R 18-24 can be found on page 75



- 2x energy bar with 3x earthed sockets and on/off switch
- 2x perforated wall
- 4x shelf, 320 mm
- 1x overhead frame
- 1x equipment rail
- 1 x LED lighting 37,8 W, 1226 lx

Item no.	Dimensions in mm (WxDxH)
03.900.22	2000 x 750 x 1250

# Box workbench R 18-24

- Beech multiplex worktop, 2000 x 750 x 40 mm
- Left: 1x drawer, 1x hinged door | Centre: 3x drawer
- Right: 1x drawer, 1x hinged door

Item no.	Dimensions in mm (WxDxH)
03.19.37V	2000 x 750 x 859

# Multi-board setup

- 3x support column 1250 mm
- 1x energy bar with 3x earthed sockets and on/off switch
- 2x perforated wall
- 2x magnetic board
- 2x rail for open fronted storage bins, length 450 mm
- 2x shelf, 320 mm
- 1x overhead frame
- 1x equipment rail
- 1x LED lighting 37,8 W, 1226 lx
- 1x Pivot arm with shelf and ribbed rubber mat

Item no.	Dimensions in mm (WxDxH)
03.900.23	2000 x 750 x 1250



#### Box workbench R 18-24

- Beech multiplex worktop, 2000 x 750 x 40 mm
- Left: 4x drawer | Center: 3x drawer | Right: 4x drawer

Item no.	Dimensions in mm (WxDxH)
03.19.38V	2000 x 750 x 859

# Workbenches with multi-board setup

Grid: R 12-14 R 24-12 R 24-16 R 12-16 R 18-16 R 24-16 R 36-16 R 18-24 R 24-24 R 36-24 R 48-24

- Stable square tube frame 40 x 40 x 2 mm
- For assembly, workshop and shipping
- Completely welded and screwed incl. stiffening plate and leveling feet
- Worktops on/from page 422



#### Multi-board setup

- 2x support column
- 1x energy bar with 3x earthed sockets and on/off switch
- 1x perforated wall, 1x shelf, 320 mm
- 1x pivot arm support
- 1x pivot arm with monitor bracket and keyboard platform
- 1x overhead frame, 1x equipment rail
- 1 x LED lighting 28,9 W, 1290 lx

Item no.	Dimensions in mm (WxDxH)
03.900.15.14	1500 x 750 x 1250

#### Worktable/bench R 18-24

03.14.520V

■ Beech multiplex worktop, 1500 x 750 x 40 mm

1500 x 750 x 859

- Full pull-out 100 %, load capacity 100 kg
- Incl. hanging drawer 150 mm

# Mobile drawer cabinet R 18-16

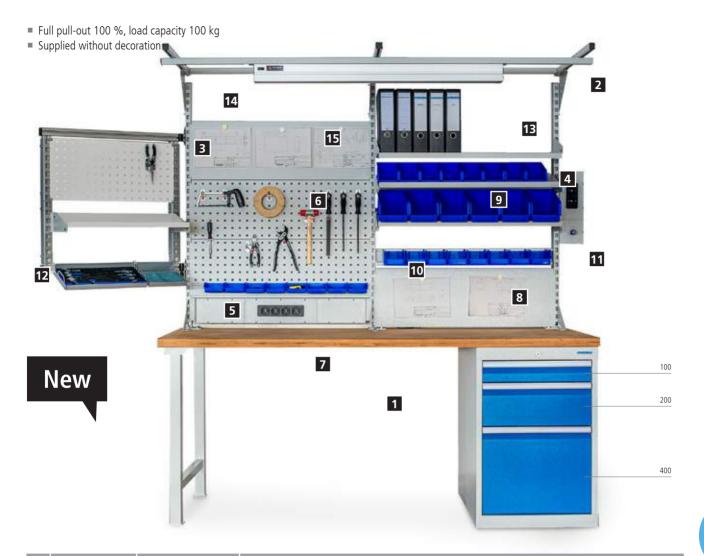
- Including raised edges and ribbed rubber mat
- 4x steering caster, Ø 125 mm, thereof 2 with locks
- 3x drawer, 100 mm
- 1x drawer, 200 mm
- Full pull-out 100%, load capacity 50 kg
- Individual pull-out lock

Item no.	Dimensions in mm (WxDxH)
46.301M	530 x 500 x 805

#### **Lateral PC support**

Item no.	Dimensions in mm (WxDxH)
07.00.19	225 x 500 x 80

R 18-24 Multi-board setup



	Item no.	Dimensions in mm (WXDXH)	Description
1	03.20.580.3V	2000 x 750 x 859	Inline workbench with drawer cabinet R 18-24, 3 drawers Worktop beech multiplex $2000 \times 750 \times 40 \text{ mm}$ Stable square tube frame $50 \times 50 \times 2 \text{ mm}$
2	03.900.20.27		Multi-board setup as shown, 3 x support column, 1 x overhead frame, 1 x equipment rail, 1 x lighting 37,8W-1226 lx, 2 x perforated wall, 2 magnetic board, 1 x energy duct with 4 x earthed sockets, 1 x energy duct with 2 earthed sockets and1 compressed air connection 1/4", 2 x shelf 320 mm, 1 x shelf 220 mm tief, 1 x conatiner carrier with 8 open fronted storage bins 100x170x80 mm, 2 x rail for open fronted storage bins 450 mm, 1 x pivot arm with perforated wall, shelf and 2 x assembly swift
3	03.935.125.240		Support column left + center 1250 mm height
4	03.935.125.140		Support column right 1250 mm height
5	03.983.102	1000 x 20 x 302	Perforated wall 1000 mm, 10 x 10 mm grid
6	03.983.10	1000 x 20 x 302	Magnetic board 1000 mm
7	07.861.10.09		Energy duct 1000 mm, 4 earthed socket
8	03.900.012		Container carrier 1000 mm, incl. 8x open fronted storage bins 100 x 170/140 x 80 mm
9	03.910.220	1000 x 220 x 20	Shelf 1000 mm tiltable 0,10,20°, 220 mm depth
10	03.910.320	1000 x 320 x 20	Shelf 1000 mm tiltable 0,10,20°, 320 mm depth
11	07.861.375.1		Energy duct 375 mm 2x earthed socket, 1x compress air connector
12	07.98.7074	700 x 700 x 40	Pivot arm with 1 x perforated wall 1 x shelf 220 mm depth, tiltable, $4 \times 2 \times $
13	07.8920.1	2000 x 750	Overhead frame
14	03.920.03	2000 x 30 x 30	Equipment rail
15	03L12M50B	1154 x 70 x 80	LED lighting1200 mm, 37,8 W, 1226 lx, 3822 lm



# Workbenches with multi-board setup

# Multi-board setup 1500 mm



- 2x support column, 1x overhead frame, 1x equipment rail
- 1x LED lighting 28,9 W, 1290 lx
- 1x energy bar with 3x earthed sockets and on/off switch
- 2x 1/4" compressed air connection, 2x shelf, 320 mm
- 1x perforated wall, 1x pivot arm with platform

Item no.	Dimensions in mm (WxDxH)	Version
03.900.15.24	1500 x 750 x 1250	Multi-board
03.900.15.24-1	1500 x 1250	Without overhead frame and lighting



- 2x support column, 1x overhead frame, 1x equipment rail
- 1x LED lighting 28,9 W, 1290 lx
- 1x energy bar with 3x earthed sockets and on/off switch
- 2x 1/4" compressed air connection, 2x shelf, 320 mm

Item no.	Dimensions in mm (WxDxH)	Version
03.900.15.23	1500 x 750 x 1250	Multi-board
03.900.15.23-1	1500 x 1250	Without overhead frame and lighting



- 2x support column, 1x overhead frame, 1x equipment rail
- 1x LED lighting 28,9 W, 1290 lx
- 1x energy bar with 3x earthed sockets and on/off switch
- 4x shelf, 320 mm

Item no.	Dimensions in mm (WxDxH)	Version
03.900.15.22	1500 x 750 x 1250	Multi-board
03.900.15.22-1	1500 x 1250	Without overhead frame and lighting



- 2x support column, 1x overhead frame, 1x equipment rail
- 1x LED lighting 28,9 W, 1290 lx
- 1x energy bar with 3x earthed sockets and on/off switch
- 3x shelf, 320 mm, 1x perforated wall

Item no.	Dimensions in mm (WxDxH)	Version
03.900.15.25	1500 x 750 x 1250	Multi-board
03.900.15.25-1	1500 x 1250	Without overhead frame and lighting



- 2x support column, 1x overhead frame, 1x equipment rail
- 1x LED lighting 28,9 W, 1290 lx
- 1x energy bar with 3x earthed sockets and on/off switch
- 2x 1/4" compressed air connection, 1x shelf, 320 mm
- 1x perforated wall, 1x magnetic board, 1x pivot arm with platform

Item no.	Dimensions in mm (WxDxH)	Version
03.900.15.21	1500 x 750 x 1250	Multi-board
03.900.15.21-1	1500 x 1250	Without overhead frame and lighting



- 2x support column, 1x overhead frame, 1x equipment rail
- 1x LED lighting 28,9 W, 1290 lx
- 1x energy bar with 3x earthed sockets and on/off switch
- 2x 1/4" compressed air connection, 1x shelf, 320 mm
- 1x perforated wall, 1x magnetic board

Item no.	Dimensions in mm (WxDxH)	Version
03.900.15.20	1500 x 750 x 1250	Multi-board
03.900.15.20-1	1500 x 1250	Without overhead frame and lighting

# Multi-board setup 2000 mm



- 3x support column, 1x overhead frame, 1x equipment rail
- 1x LED lighting 37,8 W, 1226 lx
- 1x energy bar with 3x earthed sockets and on/off switch
- 2x 1/4" compressed air connection, 4x shelf, 320 mm
- 2x perforated wall, 1x pivot arm with platform

Item no.	Dimensions in mm (WxDxH)	Version
03.900.20.24	2000 x 750 x 1250	Multi-board
03.900.20.24-1	2000 x 1250	Without overhead frame and lighting



- 3x support column, 1x overhead frame, 1x equipment rail
- 1x LED lighting 37,8 W, 1226 lx
- 1x energy bar with 3x earthed sockets and on/off switch
- 2x 1/4" compressed air connection, 4x shelf, 320 mm

Item no.	Dimensions in mm (WxDxH)	Version
03.900.20.23	2000 x 750 x 1250	Multi-board
03.900.20.23-1	2000 x 1250	Without overhead frame and lighting



- 3x support column, 1x overhead frame, 1x equipment rail
- 1x LED lighting 37,8 W, 1226 lx
- 1x energy bar with 3x earthed sockets and on/off switch
- 8x shelf, 320 mm

Item no.	Dimensions in mm (WxDxH)	Version
03.900.20.22	2000 x 750 x 1250	Multi-board
03.900.20.22-1	2000 x 1250	Without overhead frame and lighting



- 3x support column, 1x overhead frame, 1x equipment rail
- 1x LED lighting 37,8 W, 1226 lx
- 1x energy bar with 3x earthed sockets and on/off switch
- 6x shelf, 320 mm, 2x perforated wall

Item no.	Dimensions in mm (WxDxH)	Version
03.900.20.26	2000 x 750 x 1250	Multi-board
03.900.20.26-1	2000 x 1250	Without overhead frame



- 3x support column, 1x overhead frame, 1x equipment rail
- 1x LED lighting 37,8 W, 1226 lx
- 1x energy bar with 3x earthed sockets and on/off switch
- 2x 1/4" compressed air connection, 2x shelf, 320 mm
- 2x perforated wall, 2x magnetic board, 1x pivot arm with platform

Item no.	Dimensions in mm (WxDxH)	Version
03.900.20.21	2000 x 750 x 1250	Multi-board
03.900.20.21-1	2000 x 1250	Without overhead frame



- 3x support column, 1x overhead frame, 1x equipment rail
- 1x LED lighting 37,8 W, 1226 lx
- 1x energy bar with 3x earthed sockets and on/off switch
- 2x 1/4" compressed air connection, 2x shelf, 320 mm
- 2x perforated wall, 2x magnetic board

Item no.	Dimensions in mm (WxDxH)	Version
03.900.20.20	2000 x 750 x 1250	Multi-board
03.900.20.20-1	2000 x 1250	Without overhead frame and lighting



# Support columns

# Multi-board setup



Suitable for mounting on worktops from 40 mm

### Support column profile 30 x 60 mm

- Reinforced by U-profile tube
- Thinner plate thicknesses on request

Item no.	Dimensions in mm
03.935.650.240	650 left
03.935.650.140	650 right
03.935.950.240	950 left
03.935.950.140	950 right
03.935.125.240	1250 left
03.935.125.140	1250 right
03.935.155.240	1550 left
03.935.155.140	1550 right



# Helm-rail galvanized

Item no.	Dimension in mm (WxDxH)
03.HELM100	1000 x 30 x 30
03.HELM125	1250 x 30 x 30
03.HELM150	1500 x 30 x 30
03.HELM175	1750 x 30 x 30
03.HELM200	2000 x 30 x 30



#### Runner

o3.HELMLAUFW





Item no.
03.HELMSTO



### Spring balancer with hose

- Max. 8 bar, air flow rate 370 l/min, both sides 1/4"
- 1400 mm pull-out

Item no.	Weight in kg
03.900.60	0,4 - 0,8
03.900.61	0,8 - 1,5
03.900.62	1,2 - 2,5

### Spring balancer

■ 1600 mm pull-out

Item no.	Weight in kg
03.900.44	0,4 - 1,0
03.900.45	1,0 - 2,0
03.900.46	2,0 - 3,0





#### Overhead frame with bolted reinforcement cross-members

Item no.	WxD in mm
07.8910.1	1000 x 750
07.8912.1	1250 x 750
07.8915.1	1500 x 750
07.8917.1	1750 x 750
07.8920.1D	2000 x 750

<sup>\*</sup>Overhead frames with a width of 2000 mm may sag slightly under higher loads

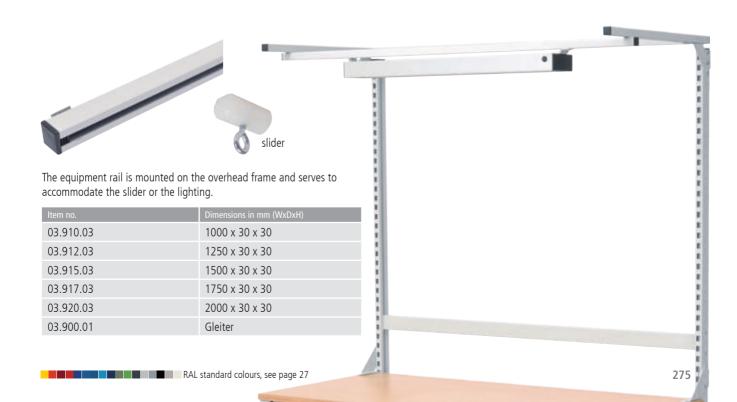
#### Overhead frame with bolted reinforcement cross-members

Item no.	WxD in mm
07.8920.1	2000 x 750

# Double-sided overhead frame with bolted reinforcement cross-members

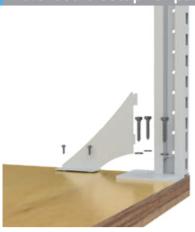
Item no.	Dimensions in mm (WxDxH)
07.8910.2	1000 x 750
07.8915.2	1500 x 750
07.8920.2D*	2000 x 750





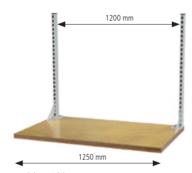
# Multi-board

# Multi-board setup for panel thicknesses from 40 mm





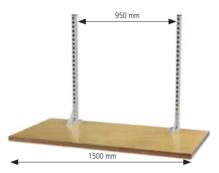
- Table width 1000 mm
- Superstructure width centre-centre 950 mm
- 1x support column left
- 1x support column right



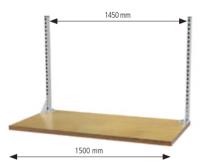
- Table width 1250 mm
- Superstructure width centre-centre 1200 mm
- 1x support column left
- 1x support column right



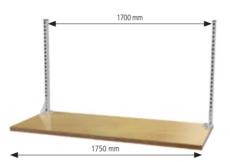
- Table width 750 mm
- Superstructure width centre-centre 650 mm
- 1x support column left
- 1x support column right



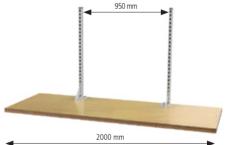
- Table width 1500 mm
- Superstructure width centre-centre 950 mm
- 1x support column left
- 1x support column right



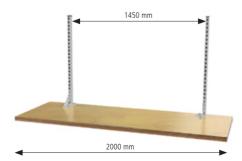
- Table width 1500 mm
- Superstructure width centre-centre 1450 mm
- 1x support column left
- 1x support column right



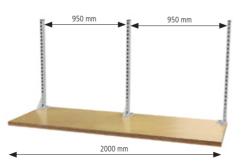
- Table width 1750 mm
- Superstructure width centre-centre 1700 mm
- 1x support column left
- 1x support column right



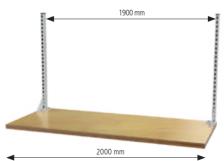
- Table width 2000 mm
- Superstructure width centre-centre 950 mm
- 1x support column left
- 1x support column right



- Table width 2000 mm
- Superstructure width centre-centre 1450 mm
- 1x support column left
- 1x support column right



- Table width 2000 mm
- Superstructure width centre-centre 2 x 950 mm
- 2x support column left
- 1x support column right



- Table width 2000 mm
- Superstructure width centre-centre 1900 mm
- 1x support column left
- 1x support column right



#### Open fronted storage bins

Made of polypropylene (lids on request)

Item no.	Dimensions in mm (WxDxH)
03.900.001	100 x 95 / 65 x 50
03.900.002	100 x 175 / 140 x 75
03.900.003	145 x 235 / 195 x 125



### Rail for open fronted storage bins on perforated wall

Item no.	Length in mm
03.900.06	300
03.900.05	450



### Perforated wall

2000 mm perforated walls can only be attached to setups with 2 support columns, otherwise 2 x 1000 mm are required

Item no.	Dimensions in mm (WxDxH)
03.983.101	700 x 20 x 302
03.983.102	1000 x 20 x 302
03.983.104	1250 x 20 x 302
03.983.103	1500 x 20 x 302
03.983.106	1750 x 20 x 302
03.983.105	2000 x 20 x 302



#### Magnetic board

2000 mm magnetic boards can only be attached to setups with 2 support columns, otherwise 2 x 1000 mm are required

Item no.	Dimensions in mm (WxDxH)
03.983.07	700 x 20 x 302
03.983.10	1000 x 20 x 302
03.983.12	1250 x 20 x 302
03.983.15	1500 x 20 x 302
03.983.17	1750 x 20 x 302
03.983.20	2000 x 20 x 302





#### Slotted wall

2000 mm slotted walls can only be attached to setups with 2 support columns, otherwise 2 x 1000 mm are required

Item no.	Dimensions in mm (WxDxH)
03.983.111	700 x 20 x 302
03.983.112	1000 x 20 x 302
03.983.114	1250 x 20 x 302
03.983.113	1500 x 20 x 302
03.983.116	1750 x 20 x 302
03.983.115	2000 x 20 x 302



#### Monitor holder incl. crossbar

■ 2000 mm crossbars can only be attached to setups with 2 support columns, otherwise 2 x 1000 mm are required

Item no.	Dimensions in mm (WxDxH)
03MONTRA070	700 x 125 x 121
03MONTRA100	1000 x 125 x 121
03MONTRA125	1250 x 125 x 121
03MONTRA150	1500 x 125 x 121
03MONTRA175	1750 x 125 x 121
03MONTRA200	2000 x 125 x 121

#### Monitor holder

Item no.	Dimensions in mm (WxDxH)
03MONHAL	125 x 125 x 121

# Multi-board

# **Energy duct accessories**

### Shelf for hanging between the support columns

- Adjustable height and incline
  Inclination 0°, 10° and 20° incl. roll-off edge
  2000 mm shelves can only be attached to setups with 2 support columns, otherwise 2 x 1000 mm are required
- Includes bracket
- Load capacity refers to uniformly distributed load



#### Shelf 700 mm



Item no.	Dimensions in mm (WxDxH)	Usable dimensions in mm (WxD)
03.907.220	700 x 220 x 20	614 x 218
03.907.320	700 x 320 x 20	614 x 318
03.907.420	700 x 420 x 20	614 x 418

#### Shelf 1000 mm



Item no.	Dimensions in mm (WxDxH)	Usable dimensions in mm (WxD)
03.910.220	1000 x 220 x 20	914 x 218
03.910.320	1000 x 320 x 20	914 x 318
03.910.420	1000 x 420 x 20	914 x 418

#### Shelf 1250 mm



Item no.	Dimensions in mm (WxDxH)	Usable dimensions in mm (WxD)
03.912.220	1250 x 220 x 20	1164 x 218
03.912.320	1250 x 320 x 20	1164 x 318
03.912.420	1250 x 420 x 20	1164 x 418

### Shelf 1500 mm



Item no.	Dimensions in mm (WxDxH)	Usable dimension in mm (WxD)
03.915.220	1500 x 220 x 20	1414 x 218
03.915.320	1500 x 320 x 20	1414 x 318
03.915.420	1500 x 420 x 20	1414 x 418

### Shelf 1750 mm



Item no.	Dimensions in mm (WxDxH)	Usable dimension in mm (WxD)
03.917.220	1750 x 220 x 20	1664 x 218
03.917.320	1750 x 320 x 20	1664 x 318
03.917.420	1750 x 420 x 20	1664 x 418

#### Shelf 2000 mm



	Dimensions in mm (WxDxH)	Usable dimension in mm (WxD)
03.920.220	2000 x 220 x 20	1864 x 218
03.920.320	2000 x 320 x 20	1864 x 318
03.920.420	2000 x 420 x 20	1864 x 418





### Wooden shelf

• For mounting between the support columns

Item no.	Dimensions in mm (WxDxH)
07.8907.350	700 x 350 x 19
07.8910.350	1000 x 350 x 19
07.8912.350	1250 x 350 x 19
07.8915.350	1500 x 350 x 19

# **Energy duct accessories**

Fitting carried out completely according to customer requirements, the individual components can be screwed on individually. The energy duct is available in three different lengths. Special brackets offer attachment options between or in front of the support columns or on the overhead frame of the multi-board setup. Attachment directly to the worktop is also possible.

Direct supply of electricity and compressed air via the energy duct. Each component is earthed separately. The individual elements in the energy duct are supplied via M20 cable glands.

For the energy bars offered here, on-site fuse protection is assumed.

#### Energy duct mounting bracket see page 281





#### **Energy duct**

- Energy duct, fully equipped with 1x socket bar with 3x earthed socket with on/off switch
- Unwired

П	Item no.	Dimensions in mm (WxDxH)	Systemmaß in mm
	07.861.10.10	875 x 60 x 130	1000
	07.861.15.10	1375 x 60 x 130	1500
	07.861.20.10	1875 x 60 x 130	2000

#### **Energy duct**

- Energy duct, fully equipped with 1x socket bar with 3x earthed socket with on/off switch
- 2x 1/4" compressed air connection
- Unwired

Item no.	Dimensions in mm (WxDxH)	Systemmaß in mm
07.861.10.11	875 x 60 x 130	1000
07.861.15.11	1375 x 60 x 130	1500
07.861.20.11	1875 x 60 x 130	2000
		.500





#### **Energy duct**

- Energy duct, fully equipped with 1x socket bar with 3x earthed socket with on/off switch
- 2x 1/4" compressed air connection
- 1x CEE socket 16 A, unwired

Item no.	Dimensions in mm (WxDxH)	Systemmaß in mm
07.861.10.12	875 x 60 x 130	1000
07.861.15.12	1375 x 60 x 130	1500
07.861.20.12	1875 x 60 x 130	2000

#### **Energy duct**

- Energy duct, fully equipped with 2x Schuko-Steckdose mit Deckel
- 1x 1/4" compressed air connection
- 1x CEE socket 16 A
- Emergency stop button, unwired

Item no.	Dimensions in mm (WxDxH)	Systemmaß in mm
07.861.10.13	875 x 60 x 130	1000
07.861.15.13	1375 x 60 x 130	1500
07.861.20.13	1875 x 60 x 130	2000



# Multi-board

# **Energy duct accessories**









- Universal applicable
- Fuses see page 283
- Unwired
- The width of the individual cover plates added together equals the width of the energy duct

Item no.	Dimensions in mm (WxDxH)	Total width in mm
07.861.501	375 x 60 x 130	-
07.861.500	500 x 60 x 130	-
07.861.701	625 x 60 x 130	750
07.861.801	875 x 60 x 130	1000
07.861.1251	1125 x 60 x 130	1250
07.861.1301	1375 x 60 x 130	1500
07.861.1751	1625 x 60 x 130	1750
07.861.1801	1875 x 60 x 130	2000

#### Various mounting options

- Mounting laterally on the support column
- Mounting under the worktop
- Mounting between the support columns











- 45° inclination
- For mounting on the workbench
- Fuses see page 283
- Unwired
- The width of the individual cover plates added together equals the width of the energy duct

Item no.	Dimensions in mm (WxDxH)
07.861.100S	1000 x 150 x 150
07.861.125S	1250 x 150 x 150
07.861.150S	1500 x 150 x 150
07.861.200S	2000 x 150 x 150





# Energy duct mounting bracket for mounting in front of the support columns

 Mounting brackets for mounting energy duct in front of support columns (pair)

Item no.	Version in mm
07.861.03	1000 / 1500
07.861.03-1	625 / 2000



# Energy duct mounting bracket for mounting on the worktop

Mounting brackets for direct mounting on worktop (pair)

Item no.	Dimensions in mm (WxDxH)
03.861.04	60 x 52 x 110



# Energy duct mounting bracket for mounting between the support columns

 Mounting brackets for mounting energy duct between support columns (pair)

Item no.	Dimensions in mm (WxDxH)
07.861.01-1	33 x 38 x 117



# Cover plate and network socket

Cover plate incl. RJ45 socket

Item no.	Dimensions in mm (WxH)
07.861.19	125 x 125



#### Cover plate and toggle switch

Cover plate incl. toggle switch

Item no.	Dimensions in mm (WxH)
07.861.10	125 x 125



#### Cover plate and CEE socket

■ Cover plate incl. CEE socket

Item no.	Dimensions in mm (WxH)
07.861.12	16 A - 250 x 125
07.861.32	32 A - 250 x 125



#### Cover plate and emergency stop

■ Cover plate incl. emergency stop button

Item no.	Dimensions in mm (WxH)
07.861.09	125 x 125



#### **Cover plate and earthed socket**

Cover plate incl. earthed socket

Item no.	Dimensions in mm (WxH)
07.861.11	125 x 125



#### Cover plate and compress air

■ Cover plate incl. compressed air connection

Item no.	Dimensions in mm (WxH)
07.861.07	1 / 4" - 125 x 125
07.861.08	1 / 2" - 125 x 125

# Multi-board

# **Energy duct accessories**



#### Cover plate for the energy duct

Item no.	Dimensions in mm (WxH)
07.861.04	125 x 125
07.861.05	250 x 125
07.861.06	375 x 125



### Cover plate and socket panel

Cover plate incl. socket panel with 2x earthed socket

Item no.	Dimensions in mm (WxH)
07.861.21	250 x 125



### Cover plate and socket panel

Cover plate incl. socket panel with 2x earthed socket

Item no.	Dimensions in mm (WxH)
07.861.14	375 x 125







### Cover plate and socket panel

 Cover plate incl. socket panel with 3x earthed sockets with on/off switch

Item no.	Dimensions in mm (WxH)
07 861 15	375 x 125

### Cover plate and socket panel

Cover plate incl. socket panel with 4x earthed socket

Item no.	Dimensions in mm (WxH)
07.861.16	375 x 125

### **USB** port

Cover plate incl. earthed socket, USB A and USB C port

Item no.	Dimensions in mm (WxH)
07.861.26	125 x 125





#### **USB** port

Cover plate incl. USB A and USB C port

Item no.	Dimensions in mm (WxH)
07.861.33	125 x 125





#### Cover plate for fuses

Cover plate incl. pre-lasered cutouts for fuses

Item no.	Dimensions in mm (WxH)
07.861.13	375 x 125



#### Cover plate for fuse size 1

Cover plate incl. pre-lasered cutouts for fuse

Item no.	Dimensions in mm (WxH)
07.861.27	125 x 125



#### Cover plate for fuse size 2

■ Cover plate incl. pre-lasered cutouts for fuses

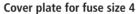
Item no.	Dimensions in mm (WxH)
07.861.28	125 x 125



#### Cover plate for fuse size 3

Cover plate incl. pre-lasered cutouts for fuses

Item no.	Dimensions in mm (WxH)
07.861.29	125 x 125



Cover plate incl. pre-lasered cutouts for fuses

Item no.	Dimensions in mm (WxH)
07.861.30	125 x 125



#### Installation contactor 20 A

- Size 1
- **230 V**
- For earthed sockets

S.III	- Samuel
	进

03.74.16



# Circuit breaker C

- Size 3
- 3-pole 16 A
- 440 V
- For CEE sockets

Item no.	
03.74.19	



#### Installation contactor 20 A

- Size 2
- 400 V

03.74.17

■ For CEE sockets



# Earth leakage circuit breaker 25A

- Size 2
- **230 V**
- For earthed sockets

Item no.			
03.74.20			



#### Circuit breaker B

- Size 1
- 1-pole 16 A
- **230 V**

03.74.18

For earthed sockets



#### Earth leakage circuit breaker 25 A

- Size 4
- 400 V
- For CEE sockets

item no.
03.74.21



# Multi-board accessories

#### Advantages of technical optimisation:

- Clean look
- Support column clearance minimised
- Ease of movement of the pivots can be adjusted with a screw (cannot be fully locked)
- Noise minimisation
- Withstands higher torsional moment
- Can also be mounted on superstructure stand with additional bracket



# Standard pivot arm bracket | Worktop

■ For attachment to the worktop

Item no.	Version
07.98.01	For 40 x 40 x 2 mm pivot arm



#### Please note:

Pivot arm bracket is mandatory



#### Pivot arm with depositing tray

Item no.	Dimensions in mm (WxDxH)
07.98.04	400 x 300 x 48



#### **Pivot arm**

- Dimensions in mm (WxDxH) 40 x 40 x 2 square tube
- Axle diameter 25 mm
- Load capacity 30 kg
- 4x plain bearing

Item no.	Dimensions in mm (WxDxH)
07.98.SA	332 x 40 x 40



#### Standard pivot arm bracket | Support column

- For lateral mounting at support column
- For holding the pivot arm

Item no.	Version
07.98.02	For 40 x 40 x 2 mm pivot arm



#### Pivot arm with inclinable tray

Item no.	Dimensions in mm (WxDxH)
07.98.13	450 x 350 x 40

# Multi-board accessories



#### Please note:

Pivot arm bracket is mandatory



#### Pivot arm with pivot frame and shelves

■ With 2x inclinable shelf

Item no.	Dimensions in mm (WxDxH)
07.98.03	680 x 287 x 400



#### Pivot arm with document holder A4

With raised lateral and bottom edge

Item no.	Dimensions in mm (WxDxH)
07.98.05	215 x 370 x 330



#### Pivot arm with document holder A4

■ With raised bottom edge

Item no.	Dimensions in mm (WxDxH)
07.98.06	310 x 156 x 310



# Pivot arm with monitor bracket

■ VESA 75 / 100 mm

Item no.	Dimensions in mm (WxDxH)
07.98.07	700 x 370 x 320



#### Pivot arm with monitor bracket and inclined keyboard platform

- VESA 75 / 100 mm
- Platform made of sheet steel

Item no.	Dimensions in mm (WxDxH)
07.98.15	700 x 370 x 320



# Pivot arm with monitor bracket and keyboard platform

- VESA 75 / 100 mm
- Beech multiplex shelf, 15 mm

Item no.	Dimensions in mm (WxDxH)
07.98.08	700 x 355 x 322



# Multi-board accessories



#### Please note:

Pivot arm bracket is mandatory



#### Pivot arm with perforated/slotted wall

- For hooks and small parts boxes
- 1st side with slotted wall | 2nd side with perforated wall

Item no.	Dimensions in mm (WxDxH)
07.98.10	655 x 45 x 500



Application example

# Open fronted storage bins

■ 15 pieces

Item no.	Dimensions in mm (WxDxH)	Preis in €
07.45.26	_	43,91



#### Pivot arm with perforated walls

Perforated walls on both sides

Item no.	Dimensions in mm (WxDxH)
07.98.09	680 x 60 x 350



#### Pivot arm with shelf and ribbed rubber mat

Item no.	Dimensions in mm (WxDxH)
07.98.11	420 x 300 x 20



# Pivot arm with shelf

■ Beech multiplex 25 mm

Item no.	Dimensions in mm (WxDxH)
07.98.12	600 x 350



### Pivot arm with shelf

- Beech multiplex 25 mm
- Tiltable

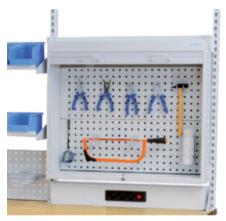
Item no.	Dimensions in mm (WxDxH)
07.98.14	400 x 182 x 100



#### Keyboard drawer underneath shelf

For 320 und 420 mm deep shelves

Item no.	Dimensions in mm (WxDxH)
PTTAAUFB320	598 x 300 x 95



#### Roller shutter cabinet

- For hanging between the support columns
- Incl. 2x perforated wall

Item no.	Dimensions in mm (WxDxH)
03.990.01.14	910 x 220 x 820



#### Info bag, DIN A4

■ For lateral mounting at support column

Item no.	Dimensions in mm (WxDxH)
07.89.15	216 x 35 x 333



#### Tablet wall mount with pivot arm

- Universal and flexible applicable
- Optimum viewing distance thanks to individual table screen positioning
- Inclination range holder: -6° to +46°; rotatable: 180°
- Colour: silver metallic

Item no.	Dimensions in mm (WxDxH)	Mounting
07.8934LW	95 x 225 x 170	Perforated wall
07.8934TR		Support column



### Inclined support for bins

- For lateral mounting at support column
- Includes 6 bins, size 2

Item no.	Dimensions in mm (WxDxH)	
07.89.37	350 x 110 x 82	



#### Folder holder for support column

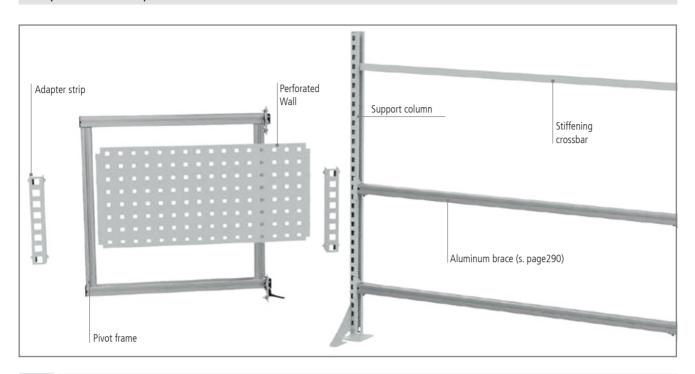
■ For mounting on the support column

Item no.	Dimensions in mm (WxDxH)
03.900.40	120 x 300 x 340



# Pivot frame

# Composition of the pivot frame for attachment to the multi-board





### Pivot frames can be use from a table width of 1250 mm



#### Support column 30 x 60 mm

- 1x support column right and 1 x support column left is required for mounting a stiffening crossbar
- Three support columns are required for installation on 2 m work surfaces (2 x left and 1 x right support column)
- Reinforced by U-profile tube
- Suitable for mounting an workf surfaces from 40 mm height
- Thinner plate thicknesses on request

Item no.	Height in mm
03.935.125.240	1250 left
03.935.125.140	1250 right

#### Stiffening crossbar

Mandatory when using a pivot frame

Item no.	Width in mm
03.935TR075	750
03.935TR100	1000
03.935TR125	1250
03.935TR150	1500
03.935TR175	1750
03.935TR200D	2000
03.935TR200	Consists of 2 x 950 mm corssbars (for two seperated 2000 mm Multi-boards)

Further add-on parts such as shelves, magnetic panels or energy bars can be found from page 278 onwards.



Is attached to the left or right side of the support column with 2 x hinges. Swivelling through hinges.





#### Pivot frame combination

- 1 x perforated wall
- 2 x shelf 220 mm depth, adjustable incline
- 4 x adapter strips

Item no.	Dimensions in mm (WxDxH)
07.98.7071	700 x 700 x 40



#### Pivot frame combination

- 1 x magnetic board
- 1 x perforated wall
- 4 x adapter strips
- 1 x assembly swift 400 x 200 x 25 mm
- Assembly swift can be installed straight or inclined

Item no.	Dimensions in mm (WxDxH)
07.98.7073	700 x 700 x 40



#### Pivot frame combination

- 2 x Aluminium brace
- 3 x Assembly swift 200 x 200 x 25 mm
- 1 x Assembly swift 400 x 200 x 25 mm
- Assembly swift can be installed straight or inclined

Item no.	Dimensions in mm (WxDxH)
07.98.7072	700 x 700 x 40



#### Pivot frame combination

- 1 x perforated wall
- 1 x shelf 220 mm depth, adjustbale incline
- 4 x adapter strip
- 2 x Assembly swift 200 x 200 x 25 mm
- Assembly swift can be installed straight or inclined

Item no.	Dimensions in mm (WxDxH)
07.98.7074	700 x 700 x 40



New

#### Pivot frame attached to the support column, individual equipment

Attaches to the left or right side of the support column Swivelling through hinges



#### **Pivot frame**

- Attaches to the left or right side of the support column with
- Swivelling through hinges
- Regular multi-board accessories can be attached using adapter strips

accessories	can be	attaciica	asing	3!
sions in mm (W	xDxH)			

' '	_
Item no.	Dimensions in mm (WxDxH)
07.98.7070	700 x 700 x 40



#### **Aluminium brace**

Attaches to the inside of the pivot frame

Item no.	Dimensions in mm (WxDxH)
07.98.7080-1	620 x 40 x 40



#### Adapter strip with screw joint

- 2 pieces
- Attaches to the aluminium profile
- Adapts regular multi-board accessories to the aluminium profile
- Required for perforated walls, magnetic boards and shelves

Item no.	Dimensions in mm (WxDxH)
07.98.7069	44 ,5 x 50 x 300



#### Shelf

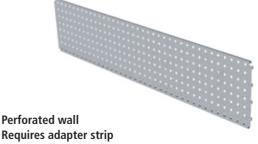
#### Requires adapter strip

- Adjustable in inclination and height ■ Inlcination 0°, 10° und 20°, incl. roll-off edge
- 03.907.220SR 700 x 220 x 20w



#### Magnetic board Requires adapter srip

Item no.	Dimensions in mm (WxDxH)
03.983.07SR	700 x 20 x 302



Requires adapter strip

■ Grid 10x10 mm, 38 mm spacing

Item no.	Dimensions in mm (WxDxH)
03.983.101SR	700 x 20 x 302

Swivel frame for mounting on the worktop Swivelling due to swivel arm



#### Pivot frame, for mounting on the worktop, swivelling

- Incl. swivel arm and swivel arm holder
- Regular multi-board accessories can be attached using adapter strips
   s. page kann 295

Item no.	Dimensions in mm (WxDxH)
07.98.8010	700 x 700 x 40



# Pivot frame combination, for mounting on the worktop, swivelling

- Incl. swivel arm and swivel arm holder
- 1 x magnetic board
- 1 x perforated wall
- 4 x adapter strip
- 1 x assembly swift 400 x 200 x 25 mm
- Assembly swift can be installed straight or inclined

Item no.	Dimensions in mm (WxDxH)
07.98.8011	700 x 700 x 40



#### Pivot frame, for mounting on the worktop,

- Incl. swivel arm holder
- Regular multi-board accessories can be attached using adapter strips s. page kann 295

Item no.	Dimensions in mm (WxDxH)
07.98.8020	700 x 700 x 40



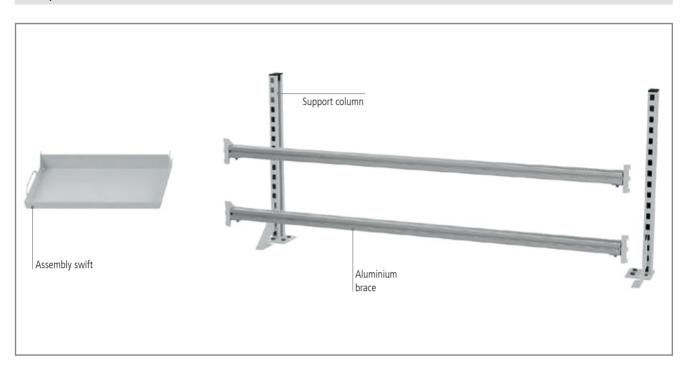
#### Pivot frame, for mounting on the worktop,

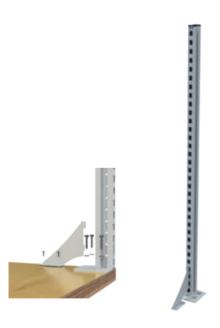
- Incl. swivel arm holder
- 3 x shelf 220 mm depth, adjustbale incline
- 4 x adapter strip

Item no.	Dimensions in mm (WxDxH)
07.98.8021	700 x 700 x 40



#### Composition of the aluminium brace for attachment to the multi-board







- 1x support column right and 1 x support column left is required for mounting a stiffening crossbar
- Three support columns are required for installation on 2 m work surfaces (2 x left and 1 x right support column)
- Reinforced by U-profile tube
- Suitable for mounting an workf surfaces from 40 mm height
- Thinner plate thicknesses on request

Item no.	Height in mm
03.935.125.240	1250 left
03.935.125.140	1250 right



- For suspension on support column
- Assembly swifts can be hooked onto the aluminium profile strut.
   eingehängt werden
- Incl. 2 x adapter strip
- 40 kg carrying capacity

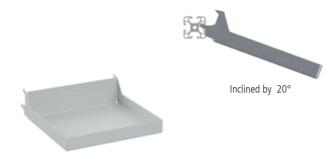
Item no.	v)
07.98.7080	700 x 40 x 40
07.98.7081	1000 x 40 x 40
07.98.7082	1250 x 40 x 40
07.98.7083	1500 x 40 x 40
07.98.7084	1750 x 40 x 40
07.98.7085	For width 2000 mm, consists of 2 x Aluminium brace 1000 x 40 x 40



Assembly swift Multi-board setup

## Assembly swift

- Plug-in system for aluminium profiles
- Quick and flexible attachment in the groove of the aluminium profiles
- Easy handling
- Versatile workplace design
- Quick and easy to stow away after use
- 12 kg load capacity



#### Assembly swift 2 level

- Is hooked into the groove of the aluminium profile
- 0° horizontal (upper hook)
- 20° inclined (lower hook)
- Ideal for tool inlets, ribbed rubber or as a holder for plastic boxes, screws and small assembly parts

Item no.	Dimensions in mm (WxDxH)
07.98.7090	200 x 200 x 25





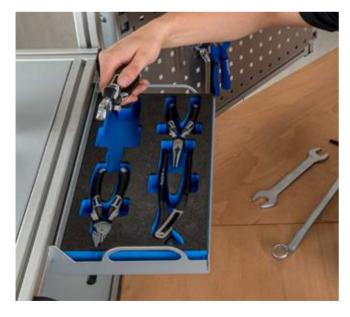


#### Assembly swift 2 level with handle

- Is hooked into the groove of the aluminium profile
- 0° horizontal (upper hook)
- 20° inclined (lower hook)
- Ideal for tool inlays, ribbed rubber or as a holder for plastic boxes, screws and small assembly parts
- Matching tool inlets can be found on page 472/473

Item no.	Dimensions in mm (WxDxH)
07.98.7091	400 x 200 x 25







The Assembly swift is perfect for storing inlets or tools in a drawer and hooking them into the aluminium profile strut for easy access when needed.

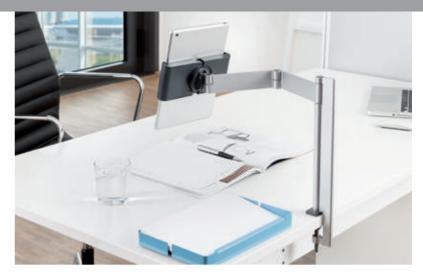
# Multi-board

#### Tablet stands

- Variable for holding all tablet sizes from 7" to 13"
- Symmetrical opening of the stands
- Easy insertion and removal of the tablet
- Rotatable: 360° for portrait and landscape format with locking points every 90°
- Anti-theft protection, effective protection against the lateral removal of the tablet
- Cable management, opening in the stand serves as a duct for the tablet charging cable



Anti-theft protection





#### **Tablet table stand**

- Aluminium, steel and high-quality plastics
- Elegant and clear lines with a fine matt-finished surface
- Has stepless angle variability from 0° to 88°
- Additional anti-theft protection thanks to cable lock nicht im Lieferumfang enthalten
- Colour: Silver metallic

Item no.	Dimensions in mm (WxDxH)
07.8930	155 x 183 x 242



#### **Tablet wall mount**

- Secure and flat mounting at walls/multi-walls
- Universally and flexibly applicable
- Simple assembly
- Colour: Silver metallic

Item no.	Dimensions in mm (WxDxH)
07.8933	85 x 180 x 50



#### Tablet table stand with pivot arm

- Optimum viewing distance thanks to individual tablet screen positioning
- Table column height: 295 mm
- Inclination range holder: -6° to +46°; rotatable: 180°
- Arm radius: 365 mm; swivelling: 180°
- Table clamp dimensions: tabletop thicknesses up to 40 mm
- Colour: Silver metallic

Item no.	Dimensions in mm (WxDxH)
07.8931	100 x 210 x 440



#### Tablet wall mount with pivot arm

- Universal and flexible applicable
- Optimum viewing distance thanks to individual table screen positioning
- Inclination range holder: -6° to +46°; rotatable: 180°
- Colour: silver metallic

Item no.	Dimensions in mm (WxDxH)	Mounting
07.8934LW	95 x 170 x 225	Perforated wall
07.8934TR		Support column

#### **Multi-board accessories**



#### Container carrier 1000 mm

- Mounting between two support columns
- Including open fronted storage bins

Item no.	open fronted storage bins in mm	Piece
03.900.012	Size 2: 100 x 170 / 140 x 80	8
03.900.013	Size 3: 145 x 230 / 195 x 125	6
03.900.015	Size 5: 200 x 350 / 300 x 200	4



#### Container carrier 1000 mm

- Mounting between two support columns
- Including open fronted storage bins

Item no.	Dimensions in mm (WxDxH)	Piece
07.89.19	145 x 230 x 125	6
07.89.53	100 x 170 x 80	8



- Mounting between two support columns
- Including open fronted storage bins

Item no.	Dimensions in mm (WxDxH)	Piece
07.89/125.24	145 x 230 x 125	7
07.89/125.23	100 x 170 x 80	11



- Mounting between two support columns
- Including open fronted storage bins

Item no.	Dimensions in mm (WxDxH)	Piece
07.89.24	145 x 230 x 125	9
07.89.23	100 x 170 x 80	13





Item no.	Length in mm
03.900.06	300
03.900.05	450



#### Rail for open fronted storage bins between support columns

Item no.	Length in mm
07.89BTR10-0	1000
07.89BTR12-0	1250
07.89BTR15-0	1500





■ Made of polypropylene (lids on request)

Item no.	Dimensions in mm (WxDxH)
03.900.001	100 x 95 / 65 x 50
03.900.002	100 x 175 / 140 x 75
03.900.003	145 x 235 / 195 x 125



#### Docuement holder for rail between support columns

- 1 x A4 document holder
- Can be mounted on rail for open fronted storage bins

Item no.	Dimensions in mm (WxDxH)
03.900.38	216 x 21 x 312



# Workbench accessories

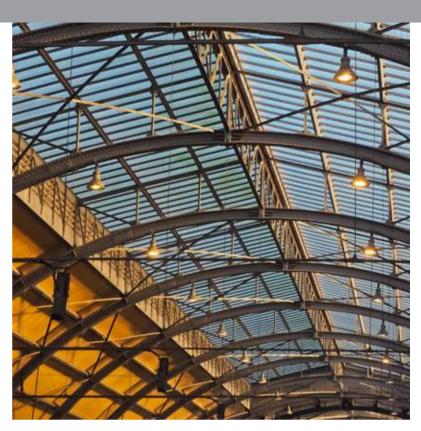
#### Workplace lighting



Work and sight are inextricably linked in most occupations. Particular attention must therefore be paid to light at the workplace. With its high-quality work lights, Bedrunka+Hirth guarantees ideal illumination, improved visual comfort and the implementation of or compliance with workplace guidelines with regard to lighting assistance in the workplace environment.

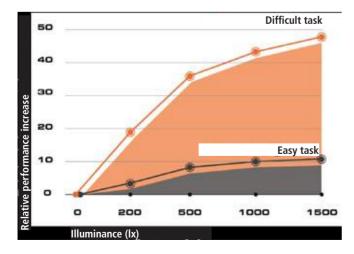
80% of all sensory impressions experienced during a working day are perceived by sight. Poor visual conditions can have a negative impact on our entire body. Discomfort, headaches, irritated eyes and other symptoms of illness increase markedly. This is of particular significance at the workplace.

Of crucial importance are the requirements that need to be met directly at the job site. These requirements are so varied that a single appropriate, generally applicable workplace lighting system is not possible. Rather, the individual features of the respective work process provide the parameters for optimal light.



#### LIGHTING AND PERFORMANCE AT WORK

DIN EN 12464-1 deals with the requirements for lighting in indoor workplaces. The aim is to achieve optimum visual performance and comfort for people with normal vision so that individual visual tasks can be performed in the best possible way. Depending on the complexity of the tasks, significant improvements in performance can be achieved by using the correct illuminance. At the same time, compliance with this guideline prevents health impairments.



#### **Examples of recommended illuminance levels:**

Illuminance	Scope of application
500 lx	Testing and measuring workstations
500 lx	Computer workstations
1.000 lx	Fixture and jig construction
1.000 lx	Micromechanics
1.000 lx	Final inspection
1.000 lx	Color inspection
1.000 lx	Quality control
1.500 lx	Electronics workshop

Lighting Multi-board setup

#### **Universal LED workplace lamp**



- Uniform illumination
- Suitable for reflective surfaces

#### Universal power:

- LED optics 3-row
- High illuminance
- High energy efficiency

#### Intelligente LED workplace lamp



#### **Premium Sense DIM**

- Integrated brightness and motion sensor
- Automatic brightness control and on/off switching
- Programming via pushbutton

#### **Premium Sense Remote DIM:**

- Integrated brightness and motion sensor
- Automatic brightness control and on/off switching
- Programming via IR remote control

#### Premium LED workplace lamp



- Uniform illumination
- Suitable for reflective surfaces

#### Premium eco-line/power-line:

- Parabolic louvre
- Outstanding glare control UGR<19</li>
- High illuminance

#### Premium LED workplace lamp, tunable white and dimmable



#### **Premium TW DIM**

- Color temperature and dimmability controllable via push button
- Light colors continuously adjustable from 2700 K to 6500 K

#### Premium TW App connect DIM:

- Color temperature and dimmability controllable via app
- Light colors programmable and reproducible from 2700 K to 6500 K
- Create different light scenes
- Network and control up to 64 luminaires

#### LED testing workplace lamp VDA



#### LED test workplace lamp VDA 16

- Brightness control via touch dimmer
- Light colors 6500 k and 4000 k alternating
- Color rendering > RA90
- Average illuminance > 2300 lux



#### Cros-linkable test workplace lamp VDA 16

- Brightness control via app or remote control
- Light colors 6500 k and 4000 k alternating
- Light scenes programmable and reproducible
- Color rendering > RA90
- Average illuminance > 2300 lux
- Network and control up to 64 luminaires



# Workbench accessories

#### Lighting

## New

#### Universal LED workplace lamp basic

- Colorless anodized aluminum housing
- Integrated on/off switch
- Color rendering Ra > 80
- UGR < 22
- Dimmable upon request
- L80/B10 at 50.000h Life time
- Color temperature 5.000 K

#### Included in delivery:

- 1x mounting kit, standard
- 4 m connection cable

#### Universal LED workplace lamp power

- Colorless anodized aluminum housing
- Integrated on/off switch
- Color rendering Ra > 85
- UGR < 19
- Dimmable upon request
- L80/B10 at 50.000h Life time
- Color temperature 5.000 K

#### Included in delivery:

- 1x mounting kit, stanard
- 4 m connection cable

#### **LED Microprismatic optics**



- Luminaire luminous flux approx. 1911 lm
- Average illuminance 859 lx\*

Item no.	Dimensions in (WxDxH)
03L06M50B	582 x 70 x 80

#### LED optics 3-row 60° frosted



- Luminaire luminous flux approx. 1620 lm
- Average illuminance 1101 lx\*

Item no.	Dimensions in (WxDxH)
03L06O350P	582 x 70 x 80

#### Universal 900 | basic

- System output approx. 28,9 W
- Luminaire luminous flux approx. 2867 lm
- Average illuminance 1290 lx\*

Item no.	Dimensions in (WxDxH)
03L09M50B	868 x 70 x 80

#### Universal 900 | power

- System output approx. 16,7 W
- Luminaire luminous flux approx. 2427 lm
- Average illuminance 1502 lx\*

Item no.	Dimensions in (WxDxH)
03L09O350P	868 x 70 x 80

#### Universal 1200 | basic

- System output approx. 37,8 W
- Luminaire luminous flux approx. 3822 lm
- Average illuminance 1226 lx\*

Item no.	Dimensions in (WxDxH)
03L12M50B	1154 x 70 x 80

#### Universal 1200 | power

- System output approx. 21,6 W
- Luminaire luminous flux approx. 3239 lm
- Average illuminance 1428 lx\*

Item no.	Dimensions in (WxDxH)
03L12O350P	1154 x 70 x 80

#### Universal 1500 | basic

- System output approx. 46,8 W
- Luminaire luminous flux approx. 4778 lm
- Average illuminance 1533 lx\*

Item no.	Dimensions in (WxDxH)
03L15M50B	1440 x 70 x 80

#### Universal 1500 | power

- System output approx. 26,5 W
- Luminaire luminous flux approx. 4047 lm
- Average illuminance 1728 lx\*

Item no.	Dimensions in (WxDxH)
03L15O350P	1440 x 70 x 80

MADE

Lighting Multi-board setup

#### Premium LED workplace lamp basic-line e

Anodised aluminium housing, natural colour

- Three-part light control system incl. microprismatic disc
- Integrated on/off switch and device connector plug for connection to mains voltage
- Additionally with internal feed-through wiring 3 x 1.5 mm<sup>2</sup> and an integrated connection socket for connecting a further lamp.
- Colour rendering Ra > 80
- UGR < 22
- Colour temperature 5000 K
- Service life: 50,000 hours (L80/B10)

#### Scope of delivery:

- 1x 4 m connection cable with earthed plug and
- 1x mounting kit, standard



#### LED workplace lamp basic line e

#### LED workplace lamp | 600

- System output approx. 19 W
- Luminous flux approx. 1850 lm
- Average illuminance 832 lx\*

Item no.	Length in mm
03L06M50E	631

#### LED workplace lamp | 900

- System output approx. 28.5 W
- Luminous flux approx. 2774 lm
- Average illuminance 1248 lx\*

Item no.	Length in mm
03L09M50E	899

#### LED workplace lamp | 1200

- System output approx. 36.5 W
- Luminous flux approx. 3699 lm
- Average illuminance 1443 lx\*

Item no.	Length in mm
03L11M50E	1186

#### LED workplace lamp basic line e | dimmable

#### LED workplace lamp | 900, dimmable

- System output approx. 32.5 W
- Luminous flux approx. 3148 lm
- Average illuminance 1417 lx\*

Item no.	Length in mm
03L09M50D	899

#### LED workplace lamp | 1200, dimmable

- System output approx. 41.5 W
- Luminous flux approx. 4198 lm
- Average illuminance 1637 lx\*

Item no.	Length in mm
03L11M50D	1186

#### LED workplace lamp basic line p

#### LED workplace lamp | 600

- System output approx. 27 W
- Luminous flux approx. 2588 lm
- Average illuminance 1165 lx\*

Item no.	Length in mm
03L06M50P	631

#### LED workplace lamp | 1200

- System output approx. 51.5 W
- Luminous flux approx. 5176 lm
- Average illuminance 2019 lx\*

Item no.	Length in mm
03L11M50P	1186

#### LED workplace lamp | 900

- System output approx. 39.5 W
- Luminous flux approx. 3882 lm
- Average illuminance 1747 lx\*

Item no.	Length in mm
03L09M50P	899

\*Measurement conditions: Height: 1000 mm; Measuring surface: 1000 x 555 mm

# Workbench accessories

#### Lighting

#### Premium LED workplace lamp | eco-line and power-line

- Colorless anodized aluminum housing
- Integrated unit connector
- With internal through-wiring 3 x 1,5 mm<sup>2</sup> and integrated connection socket for connecting an additional lamp
- Three-part light directing system incl. parabolic louvre
- Color rendering Ra > 80
- UGR < 19
- Color temperature 5000 K
- Life time: 50.000 h (L80/B10)

#### Included in delivery:

- 1x mounting kit, stanard
- 4 m connection cable



#### LED workplace lamp | eco-line

#### LED workplace lamp | 600

- System output approx. 19 W
- Luminaire luminous flux approx. 1674 lm
- Average illuminance 753 lx\*

Item no.	Length in mm
03L06R50E	631

#### LED workplace lamp | 900

- System output approx. 28,5 W
- Luminaire luminous flux approx. 2511 lm
- Average illuminance 1130 lx\*

Item no.	Length in mm	
03L09R50E	899	

#### LED workplace lamp | 1200

- System output approx. 36,5 W
- Luminaire luminous flux approx. 3348 lm
- Average illuminance 1306 lx\*

Item no.	Length in mm
03L11R50E	1186

#### LED Arbeitsplatzleuchte | eco-line dimmable

#### LED workplace lamp LED workplace lamp | 900 dimmbar

- System output approx. 32,5 W
- Luminaire luminous flux approx. 2850 lm
- Average illuminance 1282 lx\*

Item no.	Length in mm
03L09R50D	899

#### LED workplace lamp | 1200 dimmable

- System output approx. 41,5 W
- Luminaire luminous flux approx. 3799 lm
- Average illuminance 1482 lx\*

Item no.	Length in mm
03L11R50D	1186

#### LED workplace lamp | power-line

#### LED workplace lamp | 600

- System output approx. 27 W
- Luminaire luminous flux approx. 2342 lm
- Average illuminance 1054 lx\*

Item no.	Length in mm
03L06R50P	631

#### LED LED workplace lamp | 1200

- System output approx. 51,5 W
- Luminaire luminous flux approx. 4685 lm
- Average illuminance 1827 lx\*

Item no.	Length in mm
03L11R50P	1186

#### LED workplace lamp | 900

- System output approx. 39,5 W
- Luminaire luminous flux approx. 3514 lm
- Average illuminance 1581 lx\*

Item no.	Length in mm
03L09R50P	899

<sup>\*</sup>Measuring conditions: Height: 1000 mm; Measuring surface: 1000 x 555 mm

#### Sensor workplace lamps | autom. brightness control

#### LED Sensor workplace lamp | automatic brightness controll

- Colorless anodized aluminum housing
- Integrated unit connector
- With internal through-wiring 3 x 1,5 mm<sup>2</sup> and integrated connection socket for connecting an additional lamp
- Color temperature 5000 K
- Life time: 50.000 h (L80/B10)

#### Inclued in delivery:

- IR remote control
- Shutter to limit motion detection
- 1 x 4 m connection cable with Schuko plug and
- 1 x mountin kit, standard
- Motion sensor



#### IR remote control

- Motion detector (switch-on and switch-off times programmable)
- Brightness sensor (programmable)
- Dimmer via remote control
- Shutter (limit detection range)







#### LED Sensor workplace lamp | eco-line

- Three-part light directing system incl. parabolic louvre
- Color rendering Ra > 80
- UGR < 19

#### LED Sensor workplace lamp | 900

- System output approx. 32,5 W
- Luminaire luminous flux approx. 2850 lm
- Average illuminance 1282 lx\*

Item no.	Length in mm
03L09R50SEND	899

#### LED Sensor workplace lamp | 1200

- System output approx. 41,5 W
- Luminaire luminous flux approx. 3799 lm
- Average illuminance 1482 lx\*

Item no.	Length in mm
03L11R50SEND	1186

#### LED Sensor workplace lamp | basic-line

- Three-part light directing system incl. parabolic louvre
- Color rendering Ra > 80
- UGR < 22

#### LED Sensor workplace lamp | 900

- System output approx. 32,5 W
- Luminaire luminous flux approx. 3148 lm
- Average illuminance 1417 lx\*

Item no.	Length in mm
03L09M50SEND	899

#### LED Sensor workplace lamp | 1200

- System output approx. 41,5 W
- Luminaire luminous flux approx. 4198 lm
- Average illuminance 1637 lx\*

Item no.	Length in mm
03L11M50SEND	1186

\*Measurement conditions: Height: 1000 mm; Measuring surface: 1000 x 555 mm

# Workbench accessories

#### Wireless workplace lamps

# Premium LED workplace lamp, Tunable white and dimmable

- Colorless anodized aluminum housing
- IIntegrated unit connector

#### **Tunable white**

- Color temperature adjsutable from 2700 K to 6500 K
- Brightness and color temperature can be adjusted for individual adaption to the workplace







#### LED workplace lamp | basic-line

- Three-part light directing system incl. parabolic louvre
- Color rendering Ra 90
- UGR < 22
- Life time: 50.000 h (L80/B10)

#### LED wireless workplace lamp | 900

- System output approx. 46 W
- Luminaire luminous flux approx. 3494 lm
- Average illuminance 1572 lx\*

Item no.	Length in mm	Version
03L09M27-65D	899	wireless
03L09M2765DT		switch

#### LED wireless workplace lamp | 1200

- System output approx. 61 W
- Luminaire luminous flux approx. 4658 lm
- Average illuminance 1817 lx\*

Item no.	Length in mm	Version
03L11M27-65D	1186	wireless
03L11M2765DT		switch

- Integrated Bluetooth controller for iOS and Android application.
- With internal through-wiring 3 x 1,5 mm<sup>2</sup> and integrated connection socket for connecting an additional lamp

#### Included in delivery:

 1 x 4 m connection cable with Schuko plug and 1 x mounting kit, standard



#### Switch control

- Adjust Tunable white and brightness via switch control
- Color temperature stepless adjustable from 2700 K for 6500 K



#### App connect DIM (wireless)

- Adjust Tunable white and brightness via App
- Programmable via mobile device app
- A commercially available smartphone or tablet with the appropriate software is required.
   Not included in delivery



#### LED workplace lamp | eco-line

- Three-part light directing system incl. parabolic louvre
- Color rendering Ra 90
- UGR < 19
- Life time: 50.000 h (L80/B10)

#### LED wireless workplace lamp | 900

- System output approx. 46 W
- Luminaire luminous flux approx. 3494 lm
- Average illuminance 1130 lx\*

Item no.	Length in mm	Version
03L09R27-65D	000	wireless
03L09R2765DT	899	switch

#### LED wireless workplace lamp | 1200

- System output approx. 61 W
- Luminaire luminous flux approx. 4216 lm
- Average illuminance 1644 lx\*

Item no.	Length in mm	Version
03L11R27-65D	1186	wireless
03L11R2765DT		switch

#### Test workplace lamps

#### Test workstations according to standard VDA 16

Our ergonomic solutions to support your testing and evaluation processes of decorative surfaces.

Often the quality of a surface cannot be measured, but only assessed subjectively. This appearance-dependent assessment requires, on the one hand, optimum illumination of the test parts and, on the other hand, shielding of the test parts from changing and disturbing extraneous light influences in order to quarantee the reproducibility of the test process.

The German Association of the Automotive Industry (VDA) has published a uniform standard for quality assurance in Volume 16. The guideline, known as VDA 16 for short, is primarily aimed at suppliers and customers who deal with decorative surfaces in the visible area, regulates the underlying test conditions and thus enables a universal and uniform assessment basis across manufacturers. It provides clarity and bindingness with regard to the characteristics of appearance-dependent surfaces and their description.

Our ergonomic test workplaces meet all the requirements of VDA 16 with regard to shielding, illuminance, light colours and colour rendering index. These are in detail:

- Illuminance at least 1000 Lux at the test object
- Color temperature 4000 K and 6500 K
- Color rendering RA >90

In addition, the illumination can be individually adapted to the material and surface by dimming the individual light colours. Several modules can be defined as a group, mounted as a row and controlled together. Light scenes can be programmed, saved and reproducibly recalled without limitation at part level. In addition to a remote control, we offer the option of being able to control the VDA 16 module luminaire via free app control with a smartphone or tablet.

Our test workstations provide you with sustainable support in implementing the required test conditions. The ergonomically and lighting-specific well thought-out design enables you to meet the demanding requirements of the future and to be prepared for the future.



#### LED test workplace lamp VDA 16

- Colorless anodized aluminum housing
- Brightness stepless adjustable
- Life time L80/B10 bei 50.000h
- Direct illumination
- Color reproduction Ra >90
- UGR <22 system output approx. 74 W
- Also available with color temperature 4.000 6.500 -4.000

#### Inclued in delivery:

- 1 x mounting kit, standard
- 4 m connection cable with Schuko plug





#### LED test workplace lamp VDA 16 | 600

- Luminaire luminous flux approx. 6.586 lm
- Average illuminance 2386 lx\*

Item no.	Dimensions in (WxDxH)	Color temperature
03LVDA3-0600	582 x 210 x 80	6.500 - 4.000 - 6.500

#### LED-test workplace lamp VDA 16 | 1200

- Luminaire luminous flux approx. 13.173 lm
- Average illuminance 3971 lx\*

Item no.	Dimensions in (WxDxH)	Color temperature
03LVDA3-1200	1154 x 210 x 80	6.500 - 4.000 - 6.500

#### LED-test workplace lamp VDA 16 | 900

- Luminaire luminous flux approx. 9.879 lm
- Average illuminance 3448 lx\*

Item no.	Dimensions in (WxDxH)	Color temperature
03LVDA3-0900	868 x 210 x 80	6.500 - 4.000 - 6.500

# Workbench accessories

#### Test workplace lamp











LED test workplace lamp VDA 16

- Colorless anodized aluminum housing
- Brightness stepless adjustable
- Life time L80/B10 bei 50.000h
- Direct illumination
- Color reproduction Ra >90
- UGR <22 system output approx. 103 W
- Luminaire luminous flux approx. 12.309 lm
- Average illuminance 2312 lx\*
- Connect up to 63 lamps
- Programmable and operable via mobile device app

Item no.	Dimensions in mm (WxDxH)	
03PPLVDA16	595 x 540 x 57	



#### **Basic DIM Wireless User Interface**

- Access to all important functions
- Enables control of all luminaires in the network
- Required for LED test workplace luminaire VDA 16

03FBDIM



#### Test station with beech multiplex worktop 25 mm

- worktop: 1170/1420 x 800 x 25 mm
- Load capacity 350 kg
- Incl. lighting

Item no.	Dimensions in mm (WxDxH)
03PPBM125	1250 x 840 x 1950
03PPBM150	1500 x 840 x 1950

Example of the use of the test workplace lamp in a test station.

#### Satellite workplace lamps

#### Satellite workplace lamps

- Anodised aluminium housing, natural colour
- Integrated on/off switch and device connector plug for connection to mains voltage
- For mounting on a vertical profile
- Colour temperature 5000 K
- Service life: 50,000 hours (L80/B10)

#### Scope of delivery:

- Mounting bracket for installation on commercially available profile systems
- 1x 4 m connection cable with earthed plug and 1x mounting kit, standard



#### Satellite workplace lamp | basic-line

- Three-part light control system incl. microprismatic disc
- UGR< 22
- System output 10 W
- Luminous flux approx. 925 lm
- Colour rendering Ra > 80

Item no.	Length in mm
03L43SATML	430 mm   Left version
03L43SATMR	430 mm   Right version



#### Satellite workplace lamp | eco-line

- Three-part light control system incl. parabolic louvre
- UGR < 19
- System output 10 W
- Luminous flux approx. 837 lm
- Colour rendering Ra > 80

Item no.	Length in mm	
03L43SATRL	430 mm   Left version	
03L43SATRR	430 mm   Right version	

New

<sup>\*</sup>Measurement conditions: Height: 1000 mm; Measuring surface: 1000 x 555 mm



#### **Accessories**



#### Zubehörsatz für Arbeitsplatzleuchten schwenkbar

■ 2 pieces

Item no.	Height in mm	Suitable for
4016221000	80	LED lamp premium (page 299-302)
4016137000	80	LED lamp universal (page 298)





# Workbench accessories

#### Lighting



- dimmable (option), with ball joint

  Colour: Silver
- Available with 4000 K or 5000 K colour temperature
- CRI > 80
- Screw-on flange 60x60 mm

Item no.	Length in mm   Version
03L287144	355 mm   14 W, 4000 K, nonDIM
03L287145	355 mm   14 W, 5000 K, nonDIM
03L287146	355 mm   14 W, 4000 K, DIM
03L287147	355 mm   14 W, 5000 K, DIM
03L287284	577 mm   28 W, 4000 K, DIM
03L287285	577 mm   28 W, 5000 K, DIM



3	1
Item no.	Version
03.960.54	3 dioptre
03.960.55	5 dioptre



#### Table clamp for screw-on flange 60 mm

- For LED all-round workplace lamp and LED-RLL Flex magnifier lamp
- Colour: Silver

Item no.	
03.960.52	



Item no.	Version
03L61490	Flex arm 500, lighting unit 295

Robust metal hose with shrink sleeve coating



#### LED-Flex 3

- 3x high-power LED
- Brilliant white
- High vibration and shock resistance
- Fully flexible
- Robust metal hose 300 mm
- Handle on head
- Colour: Black

Item no.	Version
03.960.46	Flex arm 520, lighting unit Ø 75



#### Table clamp for screw-on flange 40 mm

- For Cool-Flex LED and LED-Flex 3
- Colour: Black

Item no.
03.960.90

\*Measurement conditions: Height: 1000 mm; Measuring surface: 1000 x 555 mm

#### Multi-board setup

#### Perforated wall system

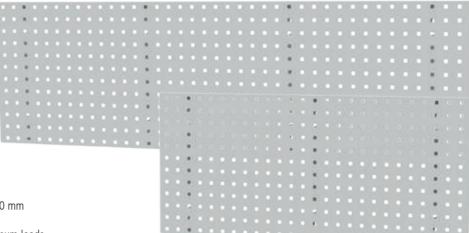
Perforated wall system: The right hook for every tool. The hooks can be easily hung and clicked into the required perforation. Nothing wobbles and the hooks remain in place.

Please also specify the desired colour.

Delivered in our standard colours without extra charge.

If no colour is specified, we will supply RAL 7035 light grey. Standard colours see page 27

- Clearly arranged and space-saving storage of tools, small parts and working materials
- Powder coated
- Reinforced by beams



#### Perforated wall

- Steel plate, square perforation, 10 x 10 mm
- Bevelled all-round
- Stiffened with strong beams for maximum loads
- Easy wall mounting
- Spacing 38 x 38 mm

Item no.	Dimensions in mm
03.87.101-1	500 x 450
03.87.102-1	1000 x 450
03.87.103-1	1500 x 450
03.87.104-1	2000 x 450

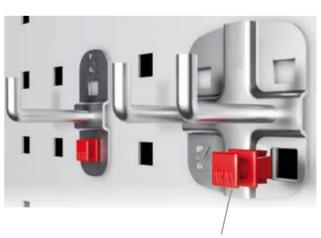


#### Workbench bracket

Recommendation for

- 1000 mm 2 brackets
- 1500 mm 3 brackets
- 2000 mm 3 brackets

Item no.	Version
03.87.043-1	for one perforated wall
03.87.044-1	For 2 perforated walls one above the other



Quickly connects the hooks to the perforated wall without the use of tools.



# Workbench accessories ON THE WORKBENCH











# Swivelling monitor holder, for mounting on the flat screen mount

■ VESA standard

Item no.	Dimensions in mm (WxDxH)
07 45 22	125 x 75 x 125

#### Flat screen mount for perforated wall

Item no.	Dimensions in mm (WxDxH)
07.45.21	160 x 30 x 210



#### Rail for open fronted storage bins on perforated wall

Item no.	Length in mm
03.900.06	300
03.900.05	450

#### Open fronted storage bins

Made of polypropylene (lids on request)

Item no.	Dimensions in mm (WxDxH)
03.900.001	100 x 95 / 65 x 50
03.900.002	100 x 175 / 140 x 75
03.900.003	145 x 235 / 195 x 125

# Range of hooks for perforated wall system



#### Tool holder with slanted hook end

■ Ø 6 mm

Item no.	Dimension in mm (W)
03.87.301	50
03.87.302	100
03.87.303	150
03.87.304	200



#### Tool holder with vertical hook end

■ Ø 6 mm

Item no.	Dimension in mm (W)
03.87.311	35
03.87.312	75
03.87.313	125



#### Tool holder with straight hook end

■ Ø 6 mm

Item no.	Dimension in mm (W)
03.87.401	50
03.87.402	100
03.87.403	150



#### **Inclined hook** For sockets and socket keys

■ Ø 6 mm

Item no.	Dimension in mm (W)
03.87.404	14/40



#### Double tool holder with slanted hook ends

■ Ø 6 mm

Item no.	Dimension in mm (W)
03.87.322	50
03.87.323	75
03.87.324	150



#### Double tool holder with vertical hook end

■ Ø 6 mm

Item no.	Dimension in mm (W)
03.87.405	35
03.87.406	50
03.87.407	75
03.87.408	150





#### Pliers holder

Item no.	Dimensions in mm (WxD)
03.87.409	20 x 35
03.87.410	50 x 40
03.87.411	75 x 50
03.87.412	20 x 55
03.87.413	20 x 75



Item no.	Dimensions in mm (WxD)
03.87.355	65 x 25



#### Machine holder

Item no.	Dimensions in mm (Ø)
03.87.357	40
03.87.358	60
03.87.359	80



## Base plate for individual solutions

Item no.	Version
03.87.391	Small
03.87.392	Large



Item no.	Dimensions in mm (Ø)
03.87.318	40



#### Magnets

■ 10 pieces

Item no.	Dimensions in mm
03.900.07	Ø 25



# Workbench accessories ON THE WORKBENCH

#### Perforated wall system



#### Screwdriver holder

200/390 x 30 x 40, dimensions in mm (W x D x H)

Item no.	Version
03.87.374	for 6 pieces
03.87.375	for 12 pieces



#### Drill/hex key holder (various dia.)

200/390 x 30 x 35, dimensions in mm (W x D x H)

Item no.	Version
03.87.378	for 14 pieces
03.87.379	for 28 pieces



#### Bit holder

■ for 7 bits

Item no.	Dimensions in mm (WxDxH)
03.87.414	150 x 35 x 10



#### Hex key holder, Ø 2 – 11 mm

■ For 9 hex keys

Item no.	Dimensions in mm (WxDxH)
03.87.377	200 x 25 x 50/70



#### Tool holder for MT-2 and MT-3

395 x 60 x 85, dimensions in mm (W x D x H)

Item no.	Version
03.87.415	MT-2 (15 x Ø 17 mm)
03.87.416	MT-3 (12 x Ø 23 mm)



#### Socket holder

For 12 sockets | 9 x Ø 25 mm,
 1 x Ø 27 mm, 1 x Ø 32 mm, 1 x Ø 35 mm

Item no.	Dimensions in mm (WxDxH)
03.87.380	390 x 45 x 30



Vertical spanner holder

For 10 spanners

Item no.	Dimensions in mm (WxDxH)
03.87.372	145/75 x 50 x 220



Vertical ring spanner holder

For 10 spanners

Item no.	Dimensions in mm (WxDxH)
03.87.417	225/25 x 50 x 255



Horizontal spanner holder

■ For 8 spanners

Item no.	Dimensions in mm (WxDxH)
03.87.371	130/60 x 150 x 50



Tube holder, 3 tubes

Item no.	Dimensions in mm (WxDxH)
03.87.418	150 x 85 x 400



Combination holder, 2 parts

Item no.	Dimensions in mm (WxD)
03.87.368	55 x 150



Spool holder up to axial dimension 17 mm

■ Maximum width 78 mm

Item no.	Dimensions in mm (Ø)
03.87.419	17

#### Multi-board setup

#### Range of hooks for perforated wall systems



# Tool clamp, single, small base plate

Item no.	Dimensions in mm (Ø)
03.87.331	6
03.87.332	10
03.87.333	13
03.87.334	16
03.87.335	19



# Tube holder also for hoses, cables, etc.

■ Depth 70 mm

Item no.	Dimensions in mm (Ø)
03.87.383	62
03.87.384	100



#### **Double tool clamp**

Item no.	Dimensions in mm (Ø)
03.87.341	6
03.87.342	10
03.87.343	13
03.87.344	16
03.87.345	19



#### Tool holder for self-service packs

Item no.	Dimensions in mm (WxD)
03.87.420	30 x 125



#### Tool clamp, single, large base plate

Item no.	Dimensions in mm (Ø)
03.87.305	25
03.87.306	28
03.87.307	32



#### Cable holder

■ Hook ends 50 mm high

Item no.	Dimensions in mm (WxD)
03.87.421	37 x 100
03.87.325	37 x 150
03.87.326	37 x 200





#### Tool holder, 6 tools

Item no.	Dimensions in mm (WxD)
03.87.19	240 x 140



#### Saw holder

■ Please order in pairs

Item no.	Version
03.87.381	For 4 saws



#### Tool holder box with wooden panel

■ For self-drilling

Tool holder, 3 tools

03.87.363 45 x 150

Item no. Dimensions in mm (WxD

Item no.	Dimensions in mm (WxDxH)
03.87.422	340 x 135 x 55



#### Tool holder for self-drilling

■ Holder: 390 x 58, dimensions in mm (W x D)

Item no.	Version
03.87.423	390 mm



#### Tool holder for self-drilling

Holder: 110 x 58, dimensions in mm (W x D)

Item no.	Version
03.87.424	110 mm



# Workbench accessories ON THE WORKBENCH

#### Hook assortment sets

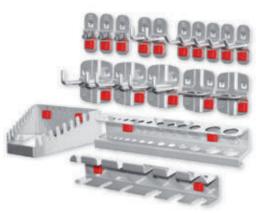


#### Range of hooks, 10 parts

- 7x tool holder with inclined end
- 2x double tool holder
- 1x tool clamp

Item no.

03.87.395-10

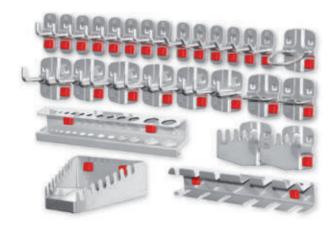


#### Range of hooks, 18 parts

- 5x tool holder with inclined end
- 2x tool holder with vertical end
- 3x double tool holder
- 3x tool clamp
- 2x pliers holder
- 1x drill holder
- 1x spanner holder
- 1x screwdriver holder

ltem no

03.87.395-18

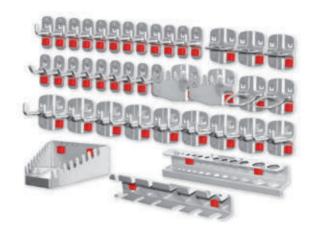


#### Range of hooks, 28 parts

- 6x tool holder with inclined end
- 8x tool holder with vertical end
- 6x double tool holder
- 2x pliers holder
- 1x machine holder
- 1x spanner holder
- 1x screwdriver holder
- 1x drill holder
- 2x saw holder

#### Item no.

03.87.395-28



#### Range of hooks, 40 parts

- 9x tool holder with inclined end
- 12x tool holder with vertical end
- 9x double tool holder
- 3x pliers holder
- 2x machine holder
- 1x spanner holder
- 1x screwdriver holder
- 1x drill holder
- 2x saw holder

#### Item no

03.87.395-40

#### Range of hooks for perforated wall systems





#### Grease gun holder

- Fastening by wall screw connection e.g. to the perforated wall
- Gun is safely hooked into clamps
- The end of the hose is plugged onto the nipple of the cup to catch dripping grease
- Position of the cup (250 ml) can be individually adjusted to the length of the hose
- The drip tray is located underneath the gun, and is removable and thus facilitates cleaning
- Delivery wihtout grease

Item no.	Dimensions in mm (WxDxH)	Version
03.87.500	310 x 86 x 587	Cartridge Ø 46-56 mm
03.87.501		Cartridge Ø 56-63 mm





#### Waste bag holder, 2-part

- top 305 x 350 x 130, dimensions in mm (W x D x H)
- bottom 300 x 305 x 120, dimensions in mm (W x D x H)

03.87.426









#### Hose holder

■ Width 300 mm

Item no.	Dimensions in mm (WxD)
03.87.425	230 x 125

#### Storage box

Item no.	Dimensions in mm (WxD)
03.87.486	267 x 120 x 120



Item no.	Dimensions in mm
03.900.42	200 x 95 x 71



#### Roll-off holder

- Min. core dia. 22 mm
- Max. roll width 295 mm

Item no.	Dimensions in mm (WxDxH)
03.87.350	355 x 100 x 120



#### Bag holder

Item no.	Dimensions in mm
03.900.41	40 x 30 x 70

# Workbench accessories ON THE WORKBENCH

#### Range of hooks for perforated wall systems







#### Storage shelf

Item no.	Dimensions in mm (WxD)
03.87.427	350 x 125
03.87.428	445 x 150

#### Depositing box, large

Item no.	Dimensions in mm (WxDxH)
03.87.429	340 x 135 x 55

#### Depositing box, small

Item no.	Dimensions in mm (WxDxH)
03.87.430	250 x 80 x 35







#### Steel shelf/tray

Item no.	Dimensions in mm (WxD)
03.87.327	435 x 250

#### Steel shelf with roll-off edge

Item no.	Dimensions in mm (WxD)
03.87.431	490 x 243

#### Bottle holder for mounting on the perforated wall

Item no.	Dimensions in mm
03.900.43	Ø 90



# Spray bottle holder, single ■ Width 76 mm

Item no.	Dimensions in mm (Ø)
03.87.432	52



#### Can holder, single

■ Width 100 mm

Item no.	Dimensions in mm (Ø)
03.87.369	70



#### Can holder, triple

■ Width 300 mm

Item no.	Dimensions in mm (Ø)
03.87.370	70

### Range of hooks for perforated wall systems





Item no.	Dimensions in mm (W x H)
03.87.433	150 x 230



DIN A4 brochure holder

Item no.	Dimensions in mm (W x H)
03.87.398	220 x 330



**DIN A3 brochure holder** 

Item no.	Dimensions in mm (W x H)
03.87.434	440 x 330



Folder holder

Item no.	Dimensions in mm (WxDxH)	
03.87.435	85 x 220 x 310	



#### **Document tray**

Item no.	Dimensions in mm (WxDxH)	
03.87.436	225 x 310 x 85	



#### Folder holder, for hanging on the perforated wall

Item no.	Dimensions in mm	
03.900.025	464 x 300 x 356	



Cup holder

■ Width 850 mm

Item no.	
2494	



#### Pen holder, 4 pens

■ Width 112 mm

Item no.	Dimensions in mm (Ø)
03.87.437	17



#### Pencil cup

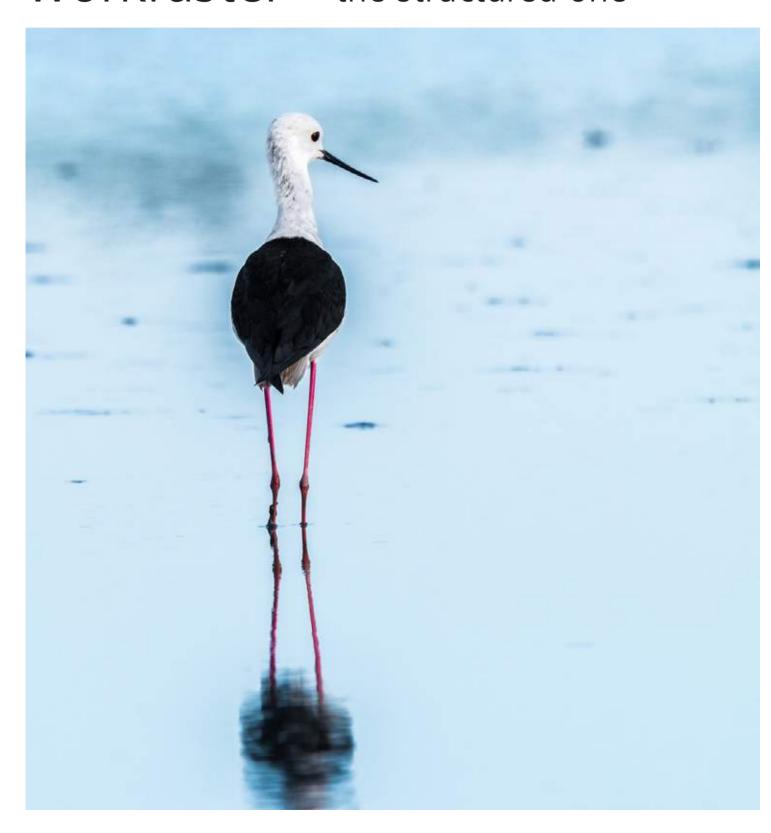
Perforation compatible with tool holder

Item no.	Dimensions in mm (WxDxH)	
03.87.438	63 x 70 x 110	





# workraster - the structured one



# bedrunka+hirth

#### workraster workplace systems



workraster and linkage

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# workraster workplace systems

















#### workraster workplace systems

#### workraster - the structured one

The **workraster** is the "entry-level model" among our ergonomic workplace systems. Thanks to a structured grid arrangement of 38 mm, the work bench can be individually set to your required height and is therefore suitable for both sitting and standing activities. In particular due to the linkage with roller and small roller conveyors, this system is ideal for a smooth production flow. Thanks to its remarkable flexibility in terms of form, additional modules can be added to the basic work benches at any time. Double-sided workstations are also no problem. With a load capacity of 300 kg with an even load, it is ideal for the assembly of small to medium-sized parts.



н

Please note that workraster tables are delivered unassembled. Easy self-assembly!

Our features at a glance	
Basic module models	Single or double for double-sided workplace design
Modular system	Basic modules are connected to each other by means of cross-members - no need for add-on modules
Retrofittable	Extension of existing workstations, inline and corner combinations possible
Energy	Direct supply of lighting, energy, compressed air
Frame widths	1000, 1500 mm
Frame depths	500, 800, 960, 1460 mm
Frame heights	1348, 2070 mm
Work height without worktop	715 – 1057 mm with adjustable support Recommended: 829 mm
Height adjustment	Height grid arrangement of 38 mm
Frame design	L-foot
Load capacity	300 kg with even load

#### FRAME DESIGN:



Single-sided









#### **HEIGHT ADJUSTMENT:**



Grid adjustment



#### Linking workstations and assembly lines







The linkage concept optimises productivity thanks to the arrangement of workstations according to the work sequence

Production - Assembly - Inspection - Packaging. Intermediate transport is avoided, distances are reduced and the working cycle is increased.

The workraster system is among the most efficient systems on the market. Due to the use of standard modules, workstations are interlinked, thus optimising the production flow.

All modules are height-adjustable!

#### Transport path

The workpiece carriers are transported on the roller conveyors. The path is created by a string of modules.

#### Linking

The workstations are connected using connection, linear or corner modules. Module lengths: 1000 and 1500 mm.

#### Change of direction

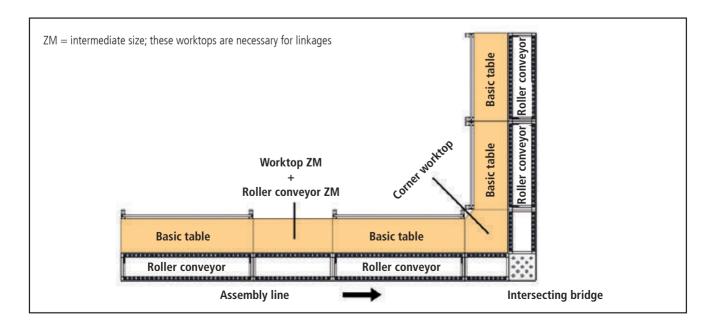
The direction of the workpiece carriers is changed by means of roller ball/intersecting bridge.

#### Linking workstations

The assembly line starts with a basic table with a roller or small roller conveyor. The consecutive conveyors are supplemented by add-on tables or interim connections (labelled as ZM). A basic table with a roller ball or small roller conveyor follows each roller ball/intersecting bridge.

#### Workstations

The workstations are generally basic tables. With **workline**, they can either feature a roller ball board (for directly passing on the workpiece) or a worktop. With **workraster**, the worktop is combined with the conveyor.



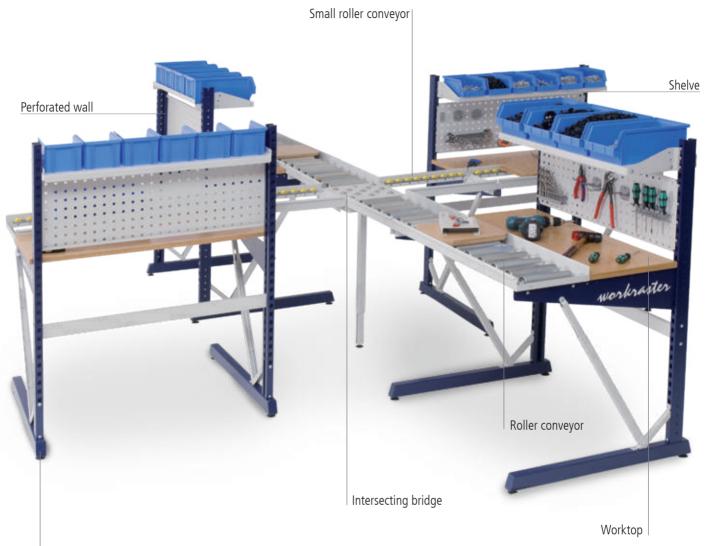
# Cross combination







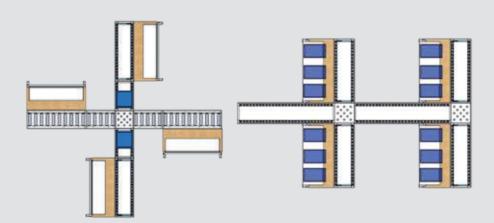




#### **Cross combination**

Basic module

The basic modules are arranged according to the intended application. The various components can be individually combined, linked and arranged in a simple modular system. Working height and handling areas are adapted on site.





# Assembly line



# Arrangement variant Double basic module



# Shelves, adjustable incline The shelves have a raised edge and are simply suspended in the perforated holes in the support columns. Their height and incline can be adjusted. Incline: 0°, 10°, 20°.

Lockable drawer with front height of 100 mm. It is

Hanging drawer

secured under the worktop.



# workraster workplace systems

#### **Combinations from practice**

- Figure: RAL 5013 Cobalt blue/RAL 7035 Light grey
- Height grid arrangement of 38 mm, individually height-adjustable, therefore ideal for standing and sitting activities
- Modular system: Diverse combination options, including for retrofitting
- The load capacity of the individual basic modules is up to 300 kg with an even load
- Load capacity of the drawer 35 kg
- Direct supply of lighting; electricity and compressed air supplied via energy ducts
- Beech multiplex worktop, 1500 x 750 x 25 mm



#### workraster with multi-board setup

- 1x overhead frame
- 1x equipment rail
- 1 x LED illumination 28.9 W, 1290 lx

Item no.	Dimensions in mm (WxDxH)
07.899.00	1500 x 800 x 2070



#### workraster with multi-board setup

- 3x perforated wall
- 1x energy bar with 4x earthed sockets and 2x compressed air 1/4"
- 1x overhead frame
- 1x equipment rail
- 1 x LED illumination 28.9 W, 1290 lx
- 1x drawer, 100 mm

Item no.	Dimensions in mm (WxDxH)
07.899.04	1500 x 800 x 2070







- 1x energy bar with 4x earthed sockets
- 2x perforated wall
- 1x shelf, 320 mm
- 1x overhead frame
- 1x equipment rail
- 1 x LED illumination 28.9 W, 1290 lx

Item no.	Dimensions in mm (WxDxH)
07.899.01	1500 x 800 x 2070



#### workraster with multi-board setup

- 2x perforated wall
- . 1x shelf 320 mm
- 1x energy bar with 2x 4x earthed sockets and 1x compressed air 1/4"
- 1x overhead frame
- 1x equipment rail
- 1 x LED illumination 28.9 W, 1290 lx
- 1x drawer, 100 mm

Item no.	Dimensions in mm (WxDxH)
07.899.05	1500 x 800 x 2070

Supplied without boxes, hooks and tools







- 2x shelf, 220 mm
- 2x shelf, 320 mm
- 1x overhead frame
- 1x equipment rail
- 1 x LED illumination 28.9 W, 1290 lx
- 1x drawer, 100 mm

Item no.	Dimensions in mm (WxDxH)	
07.899.02	1500 x 800 x 2070	



### workraster with multi-board setup

- 1x magnetic wall
- 2x shelf, 220 mm
- 1x energy bar with 2x earthed socket and 2x compressed air 1/4"
- 1x overhead frame
- 1x equipment rail
- 1 x LED illumination 28.9 W, 1290 lx
- 1x drawer, 100 mm

Item no.	Dimensions in mm (WxDxH)	
07.899.03	1500 x 800 x 2070	



#### workraster with multi-board setup

- 2x perforated wall
- 2x shelf, 320 mm
- 1x overhead frame
- 1x equipment rail
- 1 x LED illumination 28.9 W, 1290 lx

Item no.	Dimensions in mm (WxDxH)	
07.899.06	1500 x 800 x 2070	





- 3x shelf, 220, 320 and 420 mm
  1x energy bar with 2x earthed socket and 1x compressed air 1/4"
- 1x overhead frame
- 1x equipment rail
- 1 x LED illumination 28.9 W, 1290 lx
- 1x drawer, 100 mm

Item no.	Dimensions in mm (WxDxH)
07.899.07	1500 x 800 x 2070

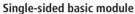
Supplied without boxes, hooks and tools





# Basic modules for individual arrangement





- 2x base frame each
- Support columns
- Cross-members, junction plates, supports and worktop carriers
- For worktops with 750 mm depth

Item no.	Dimensions in mm (WxDxH)
07.8410.811	1000 x 800 x 1348
07.8410.821	1000 x 800 x 2070
07.8415.811	1500 x 800 x 1348
07.8415.821	1500 x 800 x 2070



# **Double-sided basic module**

- 2x base frame each
- Support columns
- Cross-members, Junction plates, supports and worktop carriers
- For worktops with 750 mm depth

Item no.	Dimensions in mm (WxDxH)
07.8410.112	1000 x 1460 x 1348
07.8410.122	1000 x 1460 x 2070
07.8415.112	1500 x 1460 x 1348
07.8415.122	1500 x 1460 x 2070



### Single-sided basic module, short

- 2x base frame each
- Support columns
- Cross-members, junction plates, supports and worktop carriers
- For worktops with 600 mm depth

Item no.	Dimensions in mm (WxDxH)
07.8410.511	1000 x 550 x 1348
07.8410.521	1000 x 550 x 2070
07.8415.511	1500 x 550 x 1348
07.8415.521	1500 x 550 x 2070





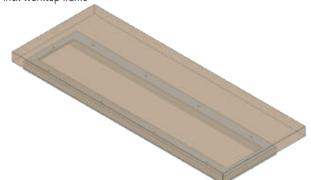
### Double-sided basic module, short

- 2x base frame each
- Support columns
- Cross-members, Junction plates, supports and worktop carriers
- For worktops with 600 mm depth

Item no.	Dimensions in mm (WxDxH)
07.8410.912	1000 x 960 x 1348
07.8410.922	1000 x 960 x 2070
07.8415.912	1500 x 960 x 1348
07.8415.922	1500 x 960 x 2070

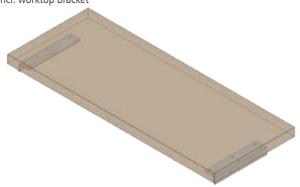
### 25 mm worktops

Worktops with worktop frame for attachment to the basic module, incl. worktop frame



# 40 mm worktops

 Worktops with worktop bracket for attachment to the basic module, incl. worktop bracket





# **Beech multiplex**

- Waterproof
- Dampened according to DIN 68705

Panel thickness	25 mm	40 mm
Dimensions in mm (WxD)	Item no.	Item no.
1500 x 600	07.8115.62	07.8115.64
1400 x 600 <b>ZM*</b>	07.8114.62	07.8114.64
1000 x 600	07.8110.62	07.8110.64
900 x 600 <b>ZM*</b>	07.8109.62	07.8109.64
1500 x 750	07.8115.72	07.8115.74
1400 x 750 <b>ZM*</b>	07.8114.72	07.8114.74
1000 x 750	07.8110.72	07.8110.74
900 x 750 <b>ZM*</b>	07.8109.72	07.8109.74



### Chipboard panel directly coated with melamine resin

- 4-sided, ABS edging
- Chipboard carrier panel with laminate coating
- Abrasion-resistant and easy to care for surface

Panel thickness	28 mm	40 mm
Dimensions in mm (WxD)	Item no.	Item no.
1500 x 600	07.8115.62M	07.8115.64M
1400 x 600 <b>ZM*</b>	07.8114.62M	07.8114.64M
1000 x 600	07.8110.62M	07.8110.64M
900 x 600 <b>ZM*</b>	07.8109.62M	07.8109.64M
1500 x 750	07.8115.72M	07.8115.74M
1400 x 750 <b>ZM*</b>	07.8114.72M	07.8114.74M
1000 x 750	07.8110.72M	07.8110.74M
900 x 750 <b>ZM*</b>	07.8109.72M	07.8109.74M



# MDF worktop with 0.7 mm HPL coat

- With 0.7 mm HPL coat
- Highly abrasion-resistant
- 4-sided, ABS edging

Panel thickness	30 mm	40 mm
Dimensions in mm (WxD)	Item no.	Item no.
1500 x 600	07.8115.62H	07.8115.64H
1400 x 600 <b>ZM*</b>	07.8114.62H	07.8114.64H
1000 x 600	07.8110.62H	07.8110.64H
900 x 600 <b>ZM*</b>	07.8109.62H	07.8109.64H
1500 x 750	07.8115.72H	07.8115.74H
1400 x 750 <b>ZM*</b>	07.8114.72H	07.8114.74H
1000 x 750	07.8110.72H	07.8110.74H
900 x 750 <b>ZM*</b>	07.8109.72H	07.8109.74H

Other versions on request



# ESD conductive workbench top

- Suitable for all electrostatically sensitive areas
- Surface RAL 7035

Panel thickness	30 mm	40 mm
Dimensions in mm (WxD)	Item no.	Item no.
1500 x 600	07.8115.62E	07.8115.64E
1400 x 600 <b>ZM*</b>	07.8114.62E	07.8114.64E
1000 x 600	07.8110.62E	07.8110.64E
900 x 600 <b>ZM*</b>	07.8109.62E	07.8109.64E
1500 x 750	07.8115.72E	07.8115.74E
1400 x 750 <b>ZM*</b>	07.8114.72E	07.8114.74E
1000 x 750	07.8110.72E	07.8110.74E
900 x 750 <b>ZM*</b>	07.8109.72E	07.8109.74E

\*ZM = intermediate size. These worktops are necessary for linkages. e.g. 2x basic table and 1x ZM, 3x basic table and 2x ZM



# workraster workplace systems



# Intersecting bridge ■ Includes 4 end stops

Accessories

Ite	em no.	Length in mm
0	7.8830.300	300 x 300
0	7.8840.400	400 x 400
0	7.8830.400	300 x 400



# **Support foot**

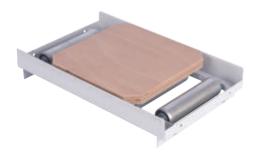
Height-adjustable

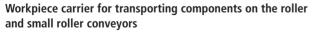
Item no.	Dimensions in mm (WxDxH)	Design
07.89.42	550 x 1348	Left
07.89.45		Right



Height-adjustable

Item no.	Dimensions in mm (WxDxH)
07.89.10	150 x 150 x 655 — 1150





Item no.	Dimensions in mm (WxDxH)	For roller/small roller conveyor width in mm
07.89.40	294 x 294 x 25	300
07.89.41	394 x 394 x 25	400
07.89.43	294 x 294 x 40	300

# Cross-member for linking basic modules

Item no.	Length in mm
07.89.17	1000
07.89.16	1500

# workraster workplace systems





# PC support A

- For side attachment
- **205** x 550 x 500 mm

Item no.	Design
07.89.07	Right
07.89.08	Left



# Hanging drawer block

- Front height 100 mm
- Drawers with full pull-out (FP) 100%
- Load capacity 35 kg

Item no.	Dimensions in mm (WxDxH)
07.18.01	365 x 400 x 140



### Stopper

Supplied in pairs

Item no.	Dimensions in mm (WxDxH)
07.81.02	182 x 8 x 30



# **End stop**

Item no.	Length in mm
07.8904.300	300
07.8904.400	400



- Top frame with bolted stiffening crossbar.
- For attaching the lighting and for holding the glider

	Item no.	Design	Dimensions in mm (WxD)
1.	07.8910.1	Overhead frame	1000 x 750
1.	07.8915.1	Overhead frame	1500 x 750
2.	03.910.03	Equipment rail	1000

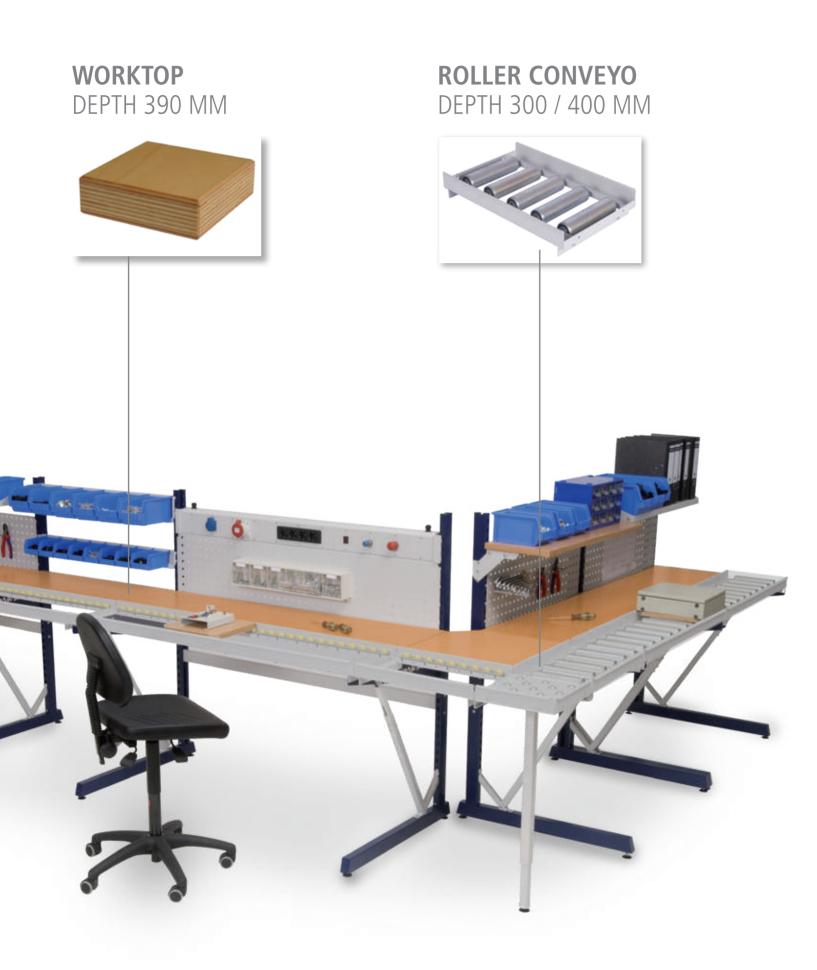


- Double-sided overhead frame with bolted reinforcement cross-members
- For attaching the lighting and for holding the glider

	Item no.	Design	Dimensions in mm (WxDxH)
1.	07.8910.2	Overhead frame	1000 x 750
1.	07.8915.2	Overhead frame	1500 x 750
2.	03.915.03	Equipment rail	1500



Worktops





### **Beech multiplex**

- Waterproof
- Dampened according to DIN 68705

Panel thickness	25 mm	40 mm
Dimensions in mm (WxD)	Item no.	Item no.
1500 x 390	07.8115.32	07.8115.34
1400 x 390 <b>ZM*</b>	07.8114.32	07.8114.34
1000 x 390	07.8110.32	07.8110.34
900 x 390 <b>ZM*</b>	07.8109.32	07.8109.34



### Chipboard panel directly coated with melamine resin

- 4-sided, ABS edging
- Chipboard carrier panel with laminate coating
- Abrasion-resistant and easy to care for surface

Panel thickness	28 mm	40 mm
Dimensions in mm (WxD)	Item no.	Item no.
1500 x 390	07.8115.32M	07.8115.34M
1400 x 390 <b>ZM*</b>	07.8114.32M	07.8114.34M
1000 x 390	07.8110.32M	07.8110.34M
900 x 390 <b>ZM*</b>	07.8109.32M	07.8109.34M



# MDF worktop with 0.7 mm HPL coat

- Highly abrasion-resistant
- 4-sided, ABS edging

Panel thickness	30 mm	40 mm
Dimensions in mm (WxD)	Item no.	Item no.
1500 x 390	07.8115.32H	07.8115.34H
1400 x 390 <b>ZM*</b>	07.8114.32H	07.8114.34H
1000 x 390	07.8110.32H	07.8110.34H
900 x 390 <b>ZM*</b>	07.8109.32H	07.8109.34H



# ESD conductive workbench top

- Suitable for all electrostatically sensitive areas
- Surface RAL 7035

Panel thickness	30 mm	40 mm
Dimensions in mm (WxD)	Item no.	Item no.
1500 x 390	07.8115.32E	07.8115.34E
1400 x 390 <b>ZM*</b>	07.8114.32E	07.8114.34E
1000 x 390	07.8110.32E	07.8110.34E
900 x 390 <b>ZM*</b>	07.8109.32E	07.8109.34E



# Roller conveyor

Depth	300 mm	400 mm
Length in mm	Item no.	Item no.
1500	07.8715.300	07.8715.400
1400 <b>ZM*</b>	07.8714.300	07.8714.400
1000	07.8710.300	07.8710.400
900 <b>ZM*</b>	07.8790.300	07.8790.400
500	07.8750.300	07.8750.400



# Small roller conveyor

Depth	300 mm	400 mm
Length in mm	Item no.	Item no.
1500	07.8615.300	07.8615.400
1400 <b>ZM*</b>	07.8614.300	07.8614.400
1000	07.8610.300	07.8610.400
900 <b>ZM*</b>	07.8690.300	07.8690.400
500	07.8650.300	07.8650.400

\*ZM = intermediate size. These worktops are necessary for linkages. e.g. 2x basic table and 1x ZM, 3x basic table and 2x ZM





**Corner worktops** 

# **1** | Corner panels



# **2** | Corner trapezoidal panels

Corner worktops with worktop bracket for table-to-table connection









# **Beech multiplex**

- Waterproof
- Dampened according to DIN 68705

Item no.	Dimensions in mm (WxDxH)
07.8130.40	494 x 494 x 40
07.8140.40	394 x 394 x 40
07.8130.25	494 x 494 x 25
07.8140.25	394 x 394 x 25

Item no.	Dimensions in mm (WxDxH)
07.8175.40	854 x 854 x 40
07.8175.25	854 x 854 x 25

# Chipboard panel directly coated with melamine resin

- 4-sided, ABS edging
- Chipboard carrier panel with laminate coating
- Abrasion-resistant and easy to care for surface

Item no.	Dimensions in mm (WxDxH)
07.8130.40M	494 x 494 x 40
07.8140.40M	394 x 394 x 40
07.8130.25M	494 x 494 x 25
07.8140.25M	394 x 394 x 25

Item no.	Dimensions in mm (WxDxH)
07.8175.40M	854 x 854 x 40
07.8175.25M	854 x 854 x 25

# MDF worktop with 0.7 mm HPL coat

- Highly abrasion-resistant
- 4-sided, ABS edging

Item no.	Dimensions in mm (WxDxH)
07.8130.40H	494 x 494 x 40
07.8140.40H	394 x 394 x 40
07.8130.25H	494 x 494 x 25
07.8140.25H	394 x 394 x 25

Item no.	Dimensions in mm (WxDxH)
07.8175.40H	854 x 854 x 40
07.8175.25H	854 x 854 x 25

# ESD conductive workbench top

- Suitable for all electrostatically sensitive areas
- Surface RAL 7035

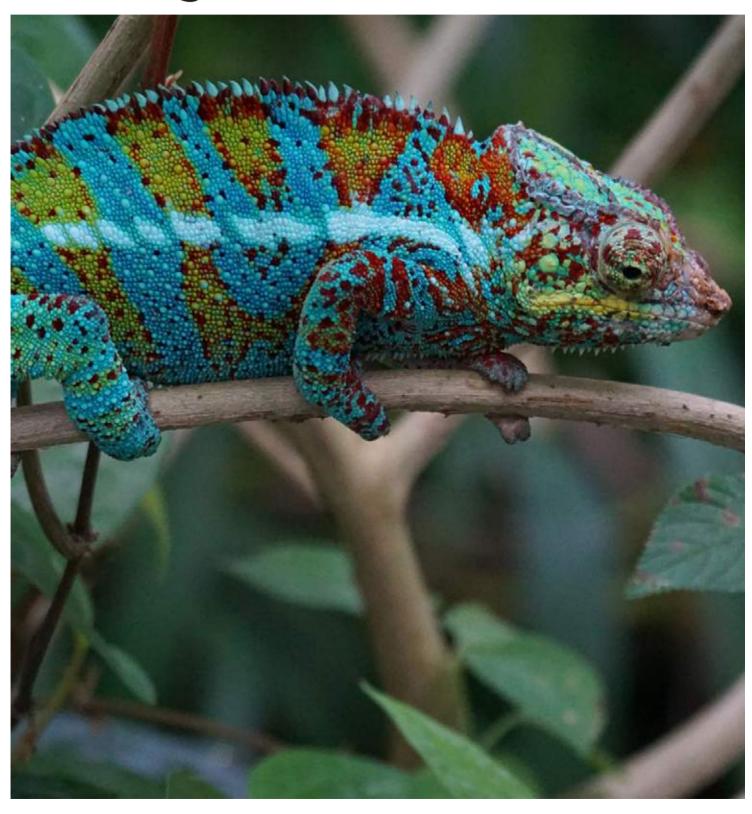
Item no.	Dimensions in mm (WxDxH)
07.8130.40E	494 x 494 x 40
07.8140.40E	394 x 394 x 40
07.8130.25E	494 x 494 x 25
07.8140.25E	394 x 394 x 25

Item no.	Dimensions in mm (WxDxH)	Item no.	Dimensions in mm (WxDxH)
07.8130.40E	494 x 494 x 40	07.8175.40E	854 x 854 x 40
07.8140.40E	394 x 394 x 40	07.8175.25E	854 x 854 x 25
07.8130.25E	494 x 494 x 25		





# workergo - the versatile one



# bedrunka+hirth

# workergo workplace systems



workergo C-foot linkages

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workergo C-foot basic frames

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workergo 4-foot linkages

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workergo 4-foot basic frames

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Multi-board setup

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workergo base cabinets

Seite 352



workergo corner panels

Seite 354



# C-foot tables



# bedrunka+hirth

# **C-foot basic frame**

# New Now even faster and quieter!

### workergo - the versatile one

The workergo is the most versatile workplace systems. Six different frame widths, two different frame depths and four different types of height adjustment make the workergo C-foot a versatile worktable.

- Standard colours: RAL 7035 Light grey/RAL 5012 Light blue
- Base frame made of 45 x 45 mm steel tube
- Cross-members made of 40 x 40 mm aluminium sections

Please note that workergo tables are delivered unassembled. Easy self-assembly!



Our features at a glance	
Modular system	Freely selectable combinations from frame to worktop
Retrofittable	Multi-board setup and optional accessories
Energy	Direct supply of lighting, energy, compressed air
Frame widths	750, 1000, 1250, 1500, 1750 and 2000 mm
Frame depths	600, 750 mm
Travel speed	12 mm/s
Work height without worktop	670 – 1015 mm   Vertical travel: 345 mm
Height adjustment	Four different types: Clamp fixing, crank adjustment, electric height adjustment with 1 motor, electric height adjustment with 2 motors
Frame design	C-foot
Load capacity	180-300 kg with uniform load depending on height adjustment

### FRAME DESIGN



C-foot

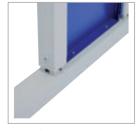




# **HEIGHT ADJUSTMENT:**







Clamp fixing







Crank adjustment







Electric height adjustment, 1 motor







Electric height adjustment, 2 motors



# workergo workplace systems

# C-foot linkage variants

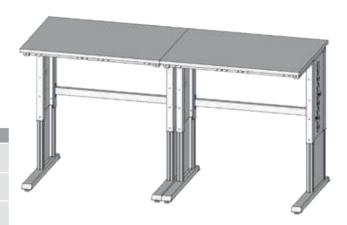




### Cascading

- Cascading is required to adjust the height of several tables synchronously
- Linking up to 5 basic tables

Item no.	Description
4CKAS1-2	Y-connector for cascading 2 basic tables
4CKAS3-6	Lifting element for cascading 3 to 5 basic tables
4CKASVERB	Connecting element absolutely necessary for each individual basic table





# C-foot linkage variants







Linkage consisting of two basic tables and two multi-board setups





# workerso workplace systems

# C-foot basic frame

# Available in new widths











# CLAMP FIXING - STANDARD



Item no.	Dimensions in mm (W x D x H)
C075KL60G	750 x 600 x 670 - 1015
C100KL60G	1000 x 600 x 670 - 1015
C125KL60G	1250 x 600 x 670 - 1015
C150KL60G	1500 x 600 x 670 - 1015
C175KL60G	1750 x 600 x 670 - 1015
C200KL60G	2000 x 600 x 670 - 1015
C075KL75G	750 x 750 x 670 - 1015
C100KL75G	1000 x 750 x 670 - 1015
C125KL75G	1250 x 750 x 670 - 1015
C150KL75G	1500 x 750 x 670 - 1015
C175KL75G	1750 x 750 x 670 - 1015
C200KL75G	2000 x 750 x 670 - 1015

# **CRANK ADJUSTMENT**







Item no.	Dimensions in mm (W x D x H)
C075KU60G	750 x 600 x 670 - 1015
C100KU60G	1000 x 600 x 670 - 1015
C125KU60G	1250 x 600 x 670 - 1015
C150KU60G	1500 x 600 x 670 - 1015
C175KU60G	1750 x 600 x 670 - 1015
C200KU60G	2000 x 600 x 670 - 1015
C075KU75G	750 x 750 x 670 - 1015
C100KU75G	1000 x 750 x 670 - 1015
C125KU75G	1250 x 750 x 670 - 1015
C150KU75G	1500 x 750 x 670 - 1015
C175KU75G	1750 x 750 x 670 - 1015
C200KU75G	2000 x 750 x 670 - 1015

# C-foot basic frame

You can find further worktops on/from page 422

# workergo workplace systems





# Beech multiplex worktop

- Glue laminated, oiled
- Waterproof
- Dampened according to DIN 68705

Item no.	Dimensions in mm (W x D x H)
03.1260.25	1250 x 600 x 25
03.1560.25	1500 x 600 x 25
03.2060.25	2000 x 600 x 25
03.125.25	1250 x 750 x 25
03.15.25	1500 x 750 x 25
03.20.25	2000 x 750 x 25

# Chipboard worktop with melamine resin coating

- 4-sided, ABS edging
- Chipboard carrier plate with direct coating
- Abrasion-resistant and easy to care for surface

Item no.	Dimensions in mm (W x D x H)
07.M12560.28	1250 x 600 x 28
07.M1560.28	1500 x 600 x 28
07.M2060.28	2000 x 600 x 28
07.M12575.28	1250 x 750 x 28
07.M1575.28	1500 x 750 x 28
07.M2075.28	2000 x 750 x 28





# ELECTRIC HEIGHT ADJUSTMENT, 1 MOTOR

- Manual switch "memory"
- Save up to 4 positions
- LCD-Display
- Mounted under the worktop



Item no.	Dimensions in mm (W x D x H)
C075E160G	750 x 600 x 670 - 1015
C100E160G	1000 x 600 x 670 - 1015
C125E160G	1250 x 600 x 670 - 1015
C150E160G	1500 x 600 x 670 - 1015
C175E160G	1750 x 600 x 670 - 1015
C200E160G	2000 x 600 x 670 - 1015
C075E175G	750 x 750 x 670 - 1015
C100E175G	1000 x 750 x 670 - 1015
C125E175G	1250 x 750 x 670 - 1015
C150E175G	1500 x 750 x 670 - 1015
C175E175G	1750 x 750 x 670 - 1015
C200E175G	2000 x 750 x 670 - 1015

# ELECTRIC HEIGHT ADJUSTMENT, 2 MOTORS





- Manual switch "memory"
- Save up to 4 positions
- LCD-Display
- Mounted under the worktop



Item no.         Dimensions in mm (W x D x H)           C075E260G         750 x 600 x 670 - 1015           C100E260G         1000 x 600 x 670 - 1015           C125E260G         1250 x 600 x 670 - 1015           C175E260G         1750 x 600 x 670 - 1015           C200E260G         2000 x 600 x 670 - 1015           C075E275G         750 x 750 x 670 - 1015           C100E275G         1000 x 750 x 670 - 1015           C125E275G         1250 x 750 x 670 - 1015           C150E275G         1500 x 750 x 670 - 1015           C175E275G         1750 x 750 x 670 - 1015           C175E275G         2000 x 750 x 670 - 1015           C200E275G         2000 x 750 x 670 - 1015		
C100E260G	Item no.	Dimensions in mm (W x D x H)
C125E260G       1250 x 600 x 670 - 1015         C150E260G       1500 x 600 x 670 - 1015         C175E260G       1750 x 600 x 670 - 1015         C200E260G       2000 x 600 x 670 - 1015         C075E275G       750 x 750 x 670 - 1015         C100E275G       1000 x 750 x 670 - 1015         C125E275G       1250 x 750 x 670 - 1015         C150E275G       1500 x 750 x 670 - 1015         C175E275G       1750 x 750 x 670 - 1015	C075E260G	750 x 600 x 670 - 1015
C150E260G	C100E260G	1000 x 600 x 670 - 1015
C175E260G	C125E260G	1250 x 600 x 670 - 1015
C200E260G       2000 x 600 x 670 - 1015         C075E275G       750 x 750 x 670 - 1015         C100E275G       1000 x 750 x 670 - 1015         C125E275G       1250 x 750 x 670 - 1015         C150E275G       1500 x 750 x 670 - 1015         C175E275G       1750 x 750 x 670 - 1015	C150E260G	1500 x 600 x 670 - 1015
C075E275G       750 x 750 x 670 - 1015         C100E275G       1000 x 750 x 670 - 1015         C125E275G       1250 x 750 x 670 - 1015         C150E275G       1500 x 750 x 670 - 1015         C175E275G       1750 x 750 x 670 - 1015	C175E260G	1750 x 600 x 670 - 1015
C100E275G 1000 x 750 x 670 - 1015 C125E275G 1250 x 750 x 670 - 1015 C150E275G 1500 x 750 x 670 - 1015 C175E275G 1750 x 750 x 670 - 1015	C200E260G	2000 x 600 x 670 - 1015
C125E275G	C075E275G	750 x 750 x 670 - 1015
C150E275G	C100E275G	1000 x 750 x 670 - 1015
C175E275G 1750 x 750 x 670 - 1015	C125E275G	1250 x 750 x 670 - 1015
	C150E275G	1500 x 750 x 670 - 1015
C200E275G 2000 x 750 x 670 - 1015	C175E275G	1750 x 750 x 670 - 1015
	C200E275G	2000 x 750 x 670 - 1015



# 4-foot tables



# bedrunka+hirth

# 4-foot basic frame

# New Now even faster and quieter!

### workergo - the versatile one

The workergo is the most versatile workplace systems. Six different frame widths, three different frame depths and four different types of height adjustment make the workergo 4-foot a versatile worktable.

- Standard colours: RAL 7035 light grey/RAL 5012 light blue
- Base frame made of 45 x 45 mm steel tube
- Cross-members made of 40 x 40 mm aluminium sections

Please note that workergo tables are delivered unassembled. Easy self-assembly!



Our features at a glance	
Modular system	Freely selectable combinations from frame to worktop
Retrofittable	Multi-board setup and optional accessories
Energy	Direct supply of lighting, energy, compressed air
Frame widths	750, 1000, 1250, 1500, 1750 and 2000 mm
Frame depths	600, 750, 900 mm
Travel speed	12 mm/s
Work height without worktop	670 – 1015 mm   Vertical travel: 345 mm
Height adjustment	Four different types: Clamp fixing, crank adjustment, electric height adjustment with 1 motor, electric height adjustment with 2 motors
Frame design	4-foot
Load capacity	180-300 kg with uniform load depending on height adjustment

# FRAME DESIGN:



4-foot





# **HEIGHT ADJUSTMENT:**







Clamp fixing







Crank adjustment





Electric height adjustment, 1 motor







Electric height adjustment, 2 motors



# workergo workplace systems

# 4-foot linkage variants







Corner combination with large corner panel comprising two basic tables. Multi-board setup not possible on the corner panel.



Inline combination with two basic tables. Multi-board setup possible on both tables.



#### Cascading

- Cascading is required to adjust the height of several tables synchronously
- Linking up to 5 basic tables

ı	Item no.	Description
	4CKAS1-2	Y-connector for cascading 2 basic tables
	4CKAS3-6	Lifting element for cascading 3 to 5 basic tables
	4CKASVERB	Connecting element absolutely necessary for each individual basic table



### **Ground anchorage**

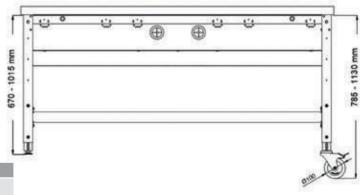
- For fixing the workbench to the floor
- 4 pieces

1tem no. 03.00.34

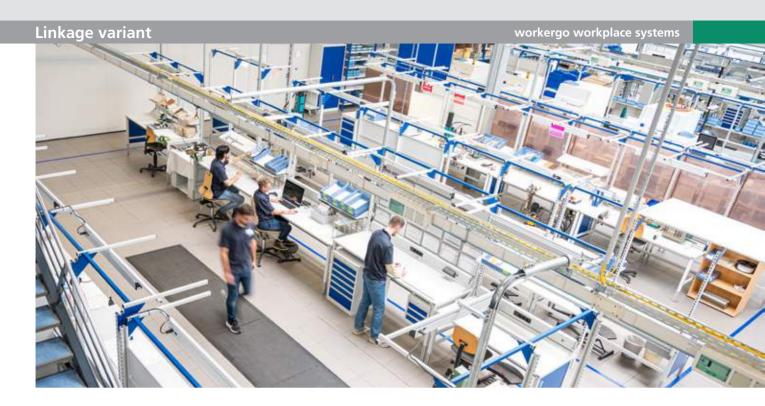


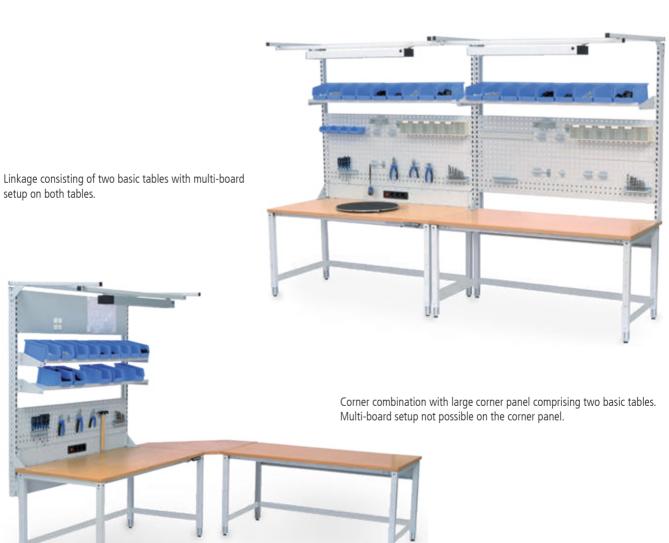
workergo 4-foot - expander casters Ø 100 mm

Item no.	Description
4XXXXXMBL100	2 x fixed caster, 2 x steering caster with lock
4XXXXXMLL100	4 x steering caster, thereof 2 with locks



# bedrunka+hirth





# workerso workplace systems

# 4-foot basic frame

# Available in new widths









Individual cover panel labelling on page 39

# workergo cover panel, 4-foot version

For lateral mounting between the table legs of 4-foot tables

Item no.	Dimensions in mm (W x D x H)	For depth in mm
4XXXXX60BL	485 x 30 x 571	600
4XXXXX75BL	635 x 30 x 571	750
4XXXXX90BL	785 x 30 x 571	900

# CLAMP FIXING - STANDARD







D	V   200
Item no.	Dimensions in mm (W x D x H)
4075KL60G	750 x 600 x 670 - 1015
4100KL60G	1000 x 600 x 670 - 1015
4125KL60G	1250 x 600 x 670 - 1015
4150KL60G	1500 x 600 x 670 - 1015
4175KL60G	1750 x 600 x 670 - 1015
4200KL60G	2000 x 600 x 670 - 1015
4075KL75G	750 x 750 x 670 - 1015
4100KL75G	1000 x 750 x 670 - 1015
4125KL75G	1250 x 750 x 670 - 1015
4150KL75G	1500 x 750 x 670 - 1015
4175KL75G	1750 x 750 x 670 - 1015
4200KL75G	2000 x 750 x 670 - 1015
4075KL90G	750 x 900 x 670 - 1015
4100KL90G	1000 x 900 x 670 - 1015
4125KL90G	1250 x 900 x 670 - 1015
4150KL90G	1500 x 900 x 670 - 1015
4175KL90G	1750 x 900 x 670 - 1015
4200KL90G	2000 x 900 x 670 - 1015

You can find further worktops on/from page 422





### Beech multiplex worktop

- Glue laminated, oiled
- Waterproof
- Dampened according to DIN 68705

Item no.	Dimensions in mm (W x D x H)
03.1560.25	1500 x 600 x 25
03.2060.25	2000 x 600 x 25
03.15.25	1500 x 750 x 25
03.20.25	2000 x 750 x 25
03.1590.25	1500 x 900 x 25
03.2090.25	2000 x 900 x 25

### Chipboard worktop with melamine resin coating

- 4-sided, ABS edging
- Chipboard carrier plate with direct coating
- Abrasion-resistant and easy to care for surface

Item no.	Dimensions in mm (W x D x H)
07.M1560.28	1500 x 600 x 28
07.M2060.28	2000 x 600 x 28
07.M1575.28	1500 x 750 x 28
07.M2075.28	2000 x 750 x 28
07.M1590.28	1500 x 900 x 28
07.M2090.28	2000 x 900 x 28

# **CRANK ADJUSTMENT**







Item no.	Dimensions in mm (W x D x H)
4075KU60G	750 x 600 x 670 - 1015
4100KU60G	1000 x 600 x 670 - 1015
4125KU60G	1250 x 600 x 670 - 1015
4150KU60G	1500 x 600 x 670 - 1015
4175KU60G	1750 x 600 x 670 - 1015
4200KU60G	2000 x 600 x 670 - 1015
4075KU75G	750 x 750 x 670 - 1015
4100KU75G	1000 x 750 x 670 - 1015
4125KU75G	1250 x 750 x 670 - 1015
4150KU75G	1500 x 750 x 670 - 1015
4175KU75G	1750 x 750 x 670 - 1015
4200KU75G	2000 x 750 x 670 - 1015
4075KU90G	750 x 900 x 670 - 1015
4100KU90G	1000 x 900 x 670 - 1015
4125KU90G	1250 x 900 x 670 - 1015
4150KU90G	1500 x 900 x 670 - 1015
4175KU90G	1750 x 900 x 670 - 1015
4200KU90G	2000 x 900 x 670 - 1015



# workerso workplace systems

# 4-foot basic frame



# ELECTRIC HEIGHT ADJUSTMENT, 1 MOTOR





- Manual switch "memory"
- Save up to 4 positions
- LCD-Display
- Mounted under the worktop



11, 1 11101011	
Item no.	Dimenions in mm (W x D x H)
4075E160G	750 x 600 x 670 - 1015
4100E160G	1000 x 600 x 670 - 1015
4125E160G	1250 x 600 x 670 - 1015
4150E160G	1500 x 600 x 670 - 1015
4175E160G	1750 x 600 x 670 - 1015
4200E160G	2000 x 600 x 670 - 1015
4075E175G	750 x 750 x 670 - 1015
4100E175G	1000 x 750 x 670 - 1015
4125E175G	1250 x 750 x 670 - 1015
4150E175G	1500 x 750 x 670 - 1015
4175E175G	1750 x 750 x 670 - 1015
4200E175G	2000 x 750 x 670 - 1015
4075E190G	750 x 900 x 670 - 1015
4100E190G	1000 x 900 x 670 - 1015
4125E190G	1250 x 900 x 670 - 1015
4150E190G	1500 x 900 x 670 - 1015
4175E190G	1750 x 900 x 670 - 1015
4200E190G	2000 x 900 x 670 - 1015

# ELECTRIC HEIGHT ADJUSTMENT, 2 MOTORS





- Manual switch "memory"
- Save up to 4 positions
- LCD-Display
- Mounted under the worktop



I, Z IVIUTUKS	V4 <b>5</b> 00
Item no.	Dimenions in mm (W x D x H)
4075E260G	750 x 600 x 670 - 1015
4100E260G	1000 x 600 x 670 - 1015
4125E260G	1250 x 600 x 670 - 1015
4150E260G	1500 x 600 x 670 - 1015
4175E260G	1750 x 600 x 670 - 1015
4200E260G	2000 x 600 x 670 - 1015
4075E275G	750 x 750 x 670 - 1015
4100E275G	1000 x 750 x 670 - 1015
4125E275G	1250 x 750 x 670 - 1015
4150E275G	1500 x 750 x 670 - 1015
4175E275G	1750 x 750 x 670 - 1015
4200E275G	2000 x 750 x 670 - 1015
4075E290G	750 x 900 x 670 - 1015
4100E290G	1000 x 900 x 670 - 1015
4125E290G	1250 x 900 x 670 - 1015
4150E290G	1500 x 900 x 670 - 1015
4175E290G	1750 x 900 x 670 - 1015
4200E290G	2000 x 900 x 670 - 1015

# Multi-board accessories for C- and 4-foot base frames

workergo workplace systems



The equipment rail is mounted on the overhead frame and serves to accommodate the carriage or the lighting.

Item no.	Dimensions in mm (W x H)
03.910.03	1000 x 30 x 30
03.912.03	1250 x 30 x 30
03.915.03	1500 x 30 x 30
03.917.03	1750 x 30 x 30
03.920.03	2000 x 30 x 30
03.900.01	Carriage





# Overhead frame with bolted reinforcement cross-members

Item no.	Dimensions in mm (W x H)
07.8910.1	1000 x 750
07.8912.1	1250 x 750
07.8915.1	1500 x 750

### Overhead frame with bolted reinforcement cross-members

Item no.	Dimensions in mm (W x D)
07.8920.1	2000 x 750

# workergo multi-board setup

- 2x support column
- 1x cross-member
- 1x rear wall

Item no.	Dimensions in mm (W x H)
03.10.14.01	1000 x 1491
03.12.14.01	1250 x 1491
03.15.14.01	1500 x 1491



Three support columns are required for a table width of 2000 mm. The number of perforated walls, magnetic boards and shelves doubles.



# workergo multi-board setup

- 3x support column
- 2x cross-member
- 1x rear wall

Item no.	Dimensions in mm (W x H)
03.20.14.01	2000 x 1491



# workergo multi-board setup

- Overhead frames with equipment rail and lighting
- 3x support column
- 2x cross-member, 1x rear wall
- 2x magnetic board, 2x perforated wall
- 1x energy bar with 4x earthed sockets
- 2x shelf, 320 mm
- 1x pivot arm with platform, 1x pivot arm with shelf and ribbed rubber mat

Item no.	Dimensions in mm (W x H)
03.2014.01-1	2000 x 1491



# workerso workplace systems

# Multi-board setup for C- and 4-foot base frames



# Setup example

- Setup 1500 mm
- Overhead frame with equipment rail and lighting
- 1x shelf, 220 mm
- 2x shelf, 320 mm
- 3x earthed sockets with 1x on/off switch
- 1x pivot arm with shelf
- 1x pivot arm with monitor bracket and keyboard platform

Pos.	Item no.	Dimensions in mm (W x D x H)	Description
1	07.861.15.10	1375 x 60 x 130	Energy duct, fully equipped and wired, 3x earthed socket with on/off switch
2	07.861.01-1	33 x 38 x 117	<b>Energy duct mounting bracket</b> for basic module. Bracket right and left for mounting between support columns
3	03.15.14.01	1500 x 1491	Support columns
4	07.8915.1	1500 x 750	Overhead frame with bolted reinforcement cross-members
5	03.915.03	1500 x 30 x 30	<b>The equipment rail</b> is mounted on the overhead frame and serves to accommodate the carriage, the lighting or a balancer.
6	03.960.20-1	898 x 135 x 60	<b>Workplace lamp,</b> light colour neutral white, energy efficiency class A, 230 V, 50 Hz, protection class IP 20, switch, incl. approx. 2.9 m mains cable and mains plug
7	03.915.220	1500 x 220 x 20	Shelf, 1500 mm, for hanging between the support columns, adjustable height and incline,
8	03.915.320	1500 x 320 x 20	inclination 0°, 10° and 20° incl. roll-off edge
9	07.98.11	420 x 300 x 20	<b>Pivot arm with shelf and ribbed rubber mat,</b> load capacity 25 kg, pivot arm bracket mandatory, not suitable for mounting on superstructure stand
10	07.98.08	700 x 355 x 322	<b>Pivot arm with monitor bracket and keyboard platform,</b> VESA 75/100 mm, beech multiplex shelf, 20 mm, pivot arm bracket mandatory, not suitable for mounting on superstructure stand
11	07.98.02		Pivot arm bracket

Supplied without hooks, boxes and decoration

All variants: Overhead frame with equipment rail and lighting, variant 1500 mm: 2x support column Variant 2000 mm: 3x support column, the number of perforated walls, magnetic boards and shelves doubles.



Item no.	Dimensions in mm (W x D x H)
4C150-1	1500 x 750 x 1250
4C200-1	2000 x 750 x 1250



- 2x perforated wall
- 1x shelf, 320 mm
- 1x shelf, 220 mm

Item no.	Dimensions in mm (W x D x H)
4C150-3	1500 x 750 x 1250
4C200-3	2000 x 750 x 1250



- 1x perforated wall
- 1x shelf, 320 mm
- 2x shelf, 220 mm
- 1x pivot arm with document holder
- 1x pivot arm with monitor bracket and keyboard platform

Item no.	Dimensions in mm (W x D x H)
4C150-5	1500 x 750 x 1250
4C200-5	2000 x 750 x 1250



- 2x perforated wall
- 1x magnetic board
- 1x energy bar with 3x earthed sockets and on/off switch

Item no.	Dimensions in mm (W x D x H)
4C150-2	1500 x 750 x 1250
4C200-2	2000 x 750 x 1250



- 2x perforated wall
- 1x shelf, 320 mm
- 1x energy bar with 3x earthed sockets and on/off switch
- 1x pivot arm with 20 mm beech multiplex platform
- 1x pivot arm with shelf and ribbed rubber mat

Item no.	Dimensions in mm (W x D x H)
4C150-4	1500 x 750 x 1250
4C200-4	2000 x 750 x 1250





- 2x shelf, 220 mm
- 1x energy bar with 3x earthed sockets and on/off switch
- 1x pivot arm with monitor bracket and keyboard platform
- 1x pivot arm with shelf and ribbed rubber mat

Item no.	Dimensions in mm (W x D x H)
4C150-6	1500 x 750 x 1250
4C200-6	2000 x 750 x 1250

Supplied without hooks, boxes and decoration

# workerso workplace systems

Base cabinets for screw mounting directly under tabletop, for C- and 4-foot base frames





# Supports for hanging cabinets

- Mandatory for installation of hanging cabinets
- Packing unit: 2 pieces

Item no.	Table depth in mm
4XXXXX75TR	750
4XXXXX90TR	900



### Hanging base cabinet R 12-16/R 18-16

■ Empty housing

		Item no.	Dimensions in mm (W x D x H)	Usable height in mm
		01.033	381 x 500 x 365	300
		01.034	381 x 500 x 465	400
		01.053	531 x 500 x 365	300
Ì		01.054	531 x 500 x 465	400



### Hanging base cabinet R 18-24

Empty housing

Item no.	Dimensions in mm (W x D x H)	Usable height in mm
01.0520	555 x 736 x 215	150
01.0530	555 x 736 x 365	300
01.0540	555 x 736 x 465	400



### Drawer R 12-16/R18-16

- Full pull-out 100 %
- Load capacity 50 kg
- All specifications are usable dimensions

Item no.	Front height	Dimensions in mm (W x D x H)
60.038.100VA	100	300 x 400 x 90
60.038.150VA	150	300 x 400 x 140
60.046.075VA	75	450 x 400 x 65
60.046.100VA	100	450 x 400 x 90
60.046.150VA	150	450 x 400 x 140

Installation not possible



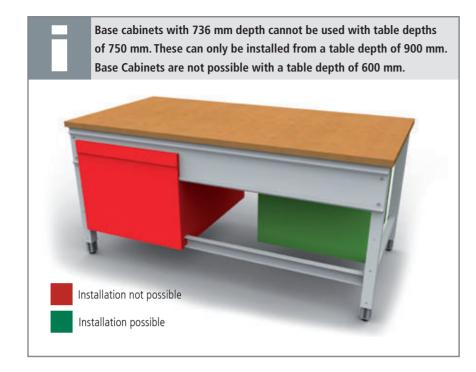


### Drawer R 18-24

- Full pull-out 100 %
- Load capacity 70 kg with 50 mm front height
- Load capacity 100 kg with 100 mm front height
- All specifications are usable dimensions

Item no.	Front height	Dimensions in mm (W x D x H)
60.50.050V07	50	450 x 600 x 30
60.50.100V10	100	450 x 600 x 83
60.50.150V10	150	450 x 600 x 133
60.50.200V10	200	450 x 600 x 183

# Base cabinets for screw mounting directly under tabletop





### PC support H

- For attachment under the worktop
- Width adjustable

Item no.	Dimensions in mm (WxDxH)
07.89.06	250 x 550 x 500







# ■ 1x hinged door, 350 mm

Item no.	Dimensions in mm (W x D x H)
44.001	531 x 500 x 465

2x drawer, 200 mm

	Item no.	Dimensions in mm (W x D x H)
	38.011	381 x 500 x 465
	44.011	531 x 500 x 465

■ 1x drawer, 150 mm

Item no.	Dimensions in mm (W x D x H)
38.150	381 x 500 x 215
53.150	531 x 500 x 215
520/1VA-1	555 x 736 x 215







4x drawer, 100 mm

Item no.	Dimensions in mm (W x D x H)
38.020	381 x 500 x 465
53.020	531 x 500 x 465
535/020V	555 x 736 x 465

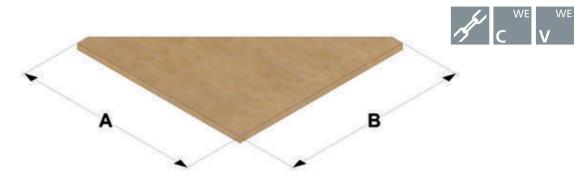
# ■ 3x drawer, 100 mm

Item no.	Dimensions in mm (W x D x H)
38.300	381 x 500 x 365
53.300	531 x 500 x 365

■ 3x drawer: 1	x 50 mm,	1x 100 mm,	1x 150
mm			

Item no.	Dimensions in mm (W x D x H)
530.111V	555 x 736 x 365

# Corner panels







Beech multiplex 25 mm

- Glue laminated, oiled
- Waterproof
- Dampened according to DIN 68705

	Clamp fixing and electric height adjustment
A x B in mm	Item no.
600 x 600	BE1.6060K25
600 x 750	BE1.6075K25
600 x 900	BE1.6090K25
750 x 600	BE1.7560K25
750 x 750	BE1.7575K25
750 x 900	BE1.7590K25
900 x 600	BE1.9060K25
900 x 750	BE1.9075K25
900 x 900	BE1.9090K25



Chipboard panel, 28 mm, directly coated with melamine resin

- 4-sided, ABS edging
- Chipboard carrier plate with direct coating
- Abrasion-resistant and easy to care for surface

A x B in mm	Item no.
600 x 600	ME1.6060K28
600 x 750	ME1.6075K28
600 x 900	ME1.6090K28
750 x 600	ME1.7560K28
750 x 750	ME1.7575K28
750 x 900	ME1.7590K28
900 x 600	ME1.9060K28
900 x 750	ME1.9075K28
900 x 900	ME1.9090K28



MDF worktop, 30 mm, with 0.7 mm HPL coat

- 4-sided, ABS edging
- Heat and light resistant
- Stain-resistant, easy to clean and to disinfect

A x B in mm	Item no.
600 x 600	HE1.6060K30
600 x 750	HE1.6075K30
600 x 900	HE1.6090K30
750 x 600	HE1.7560K30
750 x 750	HE1.7575K30
750 x 900	HE1.7590K30
900 x 600	HE1.9060K30
900 x 750	HE1.9075K30
900 x 900	HE1.9090K30

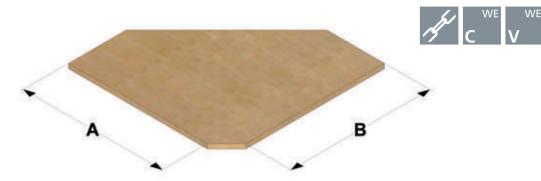


# ESD conductive workbench top, 30 mm

- Surface made from conductive HPL laminate
- Suitable for all electrostatically sensitive areas
- Surface RAL 7035



A x B in mm	Item no.
600 x 600	EE1.6060K30
600 x 750	EE1.6075K30
600 x 900	EE1.6090K30
750 x 600	EE1.7560K30
750 x 750	EE1.7575K30
750 x 900	EE1.7590K30
900 x 600	EE1.9060K30
900 x 750	EE1.9075K30
900 x 900	EE1.9090K30



■ Corner panels for table-to-table connection



# Beech multiplex 25 mm

- Glue laminated, oiled
- Waterproof
- Dampened according to DIN 68705

	Clamp fixing and electric height adjustment
A x B in mm	Item no.
600 x 600	BE2.6060K25
600 x 750	BE2.6075K25
600 x 900	BE2.6090K25
750 x 600	BE2.7560K25
750 x 750	BE2.7575K25
750 x 900	BE2.7590K25
900 x 600	BE2.9060K25
900 x 750	BE2.9075K25
900 x 900	BE2.9090K25



# Chipboard panel, 28 mm, directly coated with melamine resin

- 4-sided, ABS edging
- Chipboard carrier plate with direct coating
- Abrasion-resistant and easy to care for surface



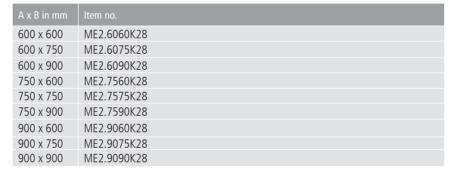
# MDF worktop, 30 mm, with 0.7 mm HPL coat

- 4-sided, ABS edging
- Heat and light resistant
- Stain-resistant, easy to clean and to disinfect



# ESD conductive workbench top, 30 mm

- Surface made from conductive HPL laminate
- Suitable for all electrostatically sensitive areas
- Surface RAL 7035



A x B in mm	Item no.
600 x 600	HE2.6060K30
600 x 750	HE2.6075K30
600 x 900	HE2.6090K30
750 x 600	HE2.7560K30
750 x 750	HE2.7575K30
750 x 900	HE2.7590K30
900 x 600	HE2.9060K30
900 x 750	HE2.9075K30
900 x 900	HE2.9090K30

A x B in mm	Item no.
600 x 600	EE2.6060K30
600 x 750	EE2.6075K30
600 x 900	EE2.6090K30
750 x 600	EE2.7560K30
750 x 750	EE2.7575K30
750 x 900	EE2.7590K30
900 x 600	EE2.9060K30
900 x 750	EE2.9075K30
900 x 900	EE2.9090K30





# workline - the highest one



# bedrunka+hirth

# workline workplace systems



workline and linkage Page 358



workline Linkage accessories

Page 360



workline Combinations from practice with multi-board setup

Page 365



workline Multi-board setup

Page 366



workline Combinations from practice with superstructure stand

Page 368



workline Basic tables and add-on tables

Page 370



workline corner panels and base cabinets

Page 372



workline Superstructure stand | Accessories

Page 373



# workline workplace systems

Linkage variant

# Grid subdivision

















	Housing W X D
	365 x 400
Height	Usable heights
500	400



	Drawer W x D
	300 x 350
Height	Load capacity
100	20 kg
200	20 kg
400	20 kg





# bedrunka+hirth

### workline workplace systems

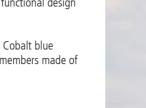
#### workline - the highest one

The **workline** worktable achieves a working height of 1100 mm thanks to its continuous height adjustment and is therefore also an optimal standing workplace. At the same time, its simple and functional design ensures an ergonomic seated workplace.

- Standard colours: RAL 7035 Light grey / RAL 5013 Cobalt blue
- Base frame made of 45 x 45 mm steel tube Cross-members made of 40 x 40 mm aluminium sections

Please note that workline tables are delivered

unassembled. Easy self-assembly!





Our features at a glance	
Modular system	Individual workstations can be quickly expanded to group workstations
Retrofittable	Wide range of accessories: Flexible design and conversion of the workplace
Energy	Direct supply of lighting, power, compressed air
Frame widths	1000, 1500 mm
Frame depth	750 mm
Travel speed	6.25 mm/s
Work height without worktop	735 – 1100 mm   Vertical travel: 365 mm
Height adjustment	Three different types: Clamp fixing, crank adjustment, electric height adjustment
Frame design	A-foot
Load capacity	180-200 kg with uniform load depending on height adjustment

# FRAME DESIGN:









# **HEIGHT ADJUSTMENT:**



Clamp fixing

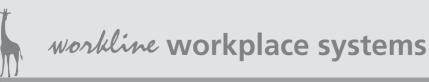


Crank adjustment



Electric height adjustment, 1 motor





Basic table with worktop



# workline basic table with clamp fixing

■ Beech multiplex worktop 25 mm

- Beech maniplex worktop 25 mm			200
Item no.	Dimensions in mm (WxDxH)		
07.75.10	1000 x 750 x 735 — 1100		
07.75.15	1500 x 750 x 735 – 1100		

# workline basic table with crank adjustment

■ Beech multiplex worktop 25 mm

' '		
Item no.	Dimensions in mm (WxDxH)	
07.75.10KHV	1000 x 750 x 735 — 1100	
07.75.15KHV	1500 x 750 x 735 – 1100	

# workline basic table with electric height adjustment

■ Beech multiplex worktop 25 mm

Item no.	Dimensions in mm (WxDxH)	
07.75.10EHV	1000 x 750 x 735 — 1100	
07.75.15EHV	1500 x 750 x 735 – 1100	









#### workline add-on table with clamp fixing

- Beech multiplex worktop 25 mm
- Can be used left or right

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Item no.	Dimensions in mm (WxDxH)
07.10.15	1000 x 750 x 735 – 1100
07.15.15	1500 x 750 x 735 – 1100

#### workline add-on table gear drive for crank adjustment and electric height adjustment

- Beech multiplex worktop 25 mm
- Can be used left or right Please state the side when ordering







Item no.	Dimensions in mm (WxDxH)
07.10.15KHV	1000 x 750 x 735 – 1100
07.15.15KHV	1500 x 750 x 735 – 1100

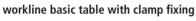




**Basic frame** 

You can find multi-board accessories on/from page 422





Item no.	Dimensions in mm (WxDxH)
07/10/1970	1000 x 750 x 735 — 1100
07/10/1975	1500 x 750 x 735 – 1100

#### workline basic frame with crank adjustment



Item no.	Dimensions in mm (WxDxH)
07.10.70KHV	1000 x 750 x 735 — 1100
07.10.75KHV	1500 x 750 x 735 — 1100

#### workline basic frame with electric height adjustment

Item no.	Dimensions in mm (WxDxH)	
07.10.70EHV	1000 x 750 x 735 — 1100	
07 10 75FHV	1500 v 750 v 735 - 1100	

The add-on table only requires crank adjustment if the basic table is electrically adjustable. 1x motor for 1x basic table and 1x add-on table



#### Crank adjustment retrofit kit

For one base or add-on table maximum

Item no.	Designation
07.00.42	Crank adjustment basic table 1000
07.00.43	Crank adjustment add-on table 1000
07.00.40	Crank adjustment basic table 1500
07.00.41	Crank adjustment add-on table 1500



#### Electric height adjustment retrofit kit

- The crank height adjustment is a prerequisite for the electrical height adjustment
- For one base and add-on table maximum

Item no.	Designation
07.00.45	Electrical height adjustment





#### workline add-on frame with clamp fixing

■ Can be used left or right







Item no.	Dimensions in mm (WxDxH)
07/10/1972	1000 x 750 x 735 – 1100
07.15.72	1500 x 750 x 735 – 1100













#### $work line\ add-on\ frame\ with\ gear\ drive\ for\ crank\ adjustment\ and\ electric\ height\ adjustment$

■ Can be used left or right - Please state the side when ordering

Item no.	Dimensions in mm (WxDxH)	
07.10.72KHV	1000 x 750 x 735 – 1100	
07.15.72KHV	1500 x 750 x 735 – 1100	

#### **Basic and add-on table connection**



·		
Item no.	Dimensions in mm (WxDxH)	Design
07.30.15	3000 x 750 x 735 — 1100	Clamp adjustment
07.30.15KHV	3000 x 750 x 735 — 1100	Crank adjustment
07.30.15EHV	3000 x 750 x 735 – 1100	Electric height adjustment





### **Combinations from practice**





- Only for workline tables
- Inclined, coated with anti-slip mat
- W x D x H: 400 x 350 x 20 mm

Item no.	Design
07.00.20	Basic table 1000
07.00.21	Add-on table 1000
07.00.25	Basic table 1500
07.00.26	Add-on table 1500

#### workline basic table

- Beech multiplex worktop 25 mm
- 1x drawer, 100 mm
- 1x footrest

	1	
Item no.	Load capacity in kg	Dimensions in mm (WxDxH)
07.25.25	200	1000 x 750 x 735 – 1100 with clamp fixing
07.75.25KHV	200	1000 x 750 x 735 – 1100 with crank adjustment
07 75 25FHV	180	1000 x 750 x 735 — 1100 with electric height adjustment





#### Shelf, 3rd level

■ Beech multiplex 25 mm

Item no.	Dimensions in mm (WxDxH)
07.25.33	1000 x 260 x 300
07.25.35	1500 x 260 x 300

#### workline basic table

- Beech multiplex worktop 25 mm
- 1x shelf, 3rd level

Item no.	Load capacity in kg	Dimensions in mm (WxDxH)
07.75.41	200	1500 x 750 x 735 — 1100 with clamp fixing
07.75.41KHV	200	1500 x 750 x 735 – 1100 with crank adjustment
07.75.41EHV	180	1500 x 750 x 735 – 1100 with electric height adjustment

#### Corner connection for two basic tables

■ 1x corner worktop or



#### Corner worktop without corner connector

■ Beech multiplex

Item no.	Dimensions in mm (WxDxH)
07.25.90	750 x 750 x 25

■ Chipboard panel melamine resin

Item no.	Dimensions in mm (WxDxH)
07.26.91	750 x 750 x 28

■ ESD conductive

Item no.	Dimensions in mm (WxDxH)
07.24.91	750 x 750 x 30

Table-to-table connector see page 430



#### Triangular worktop without corner connector

■ Beech multiplex

Item no.	Dimensions in mm (WxDxH)
07.27.90	750 x 750 x 25

■ Chipboard panel melamine resin

Item no.	Dimensions in mm (WxDxH)
07.28.91	750 x 750 x 28

■ ESD conductive

Item no.	Dimensions in mm (WxDxH)
07.29.91	750 x 750 x 30

### Base cabinets, load capacity of drawers 20 kg



#### **Corner connector**

■ Steel tube

Item no.	Description
07.30.90	90° connection



#### Hanging drawer blocks

- 2x drawer, 100 mm
- 1x drawer, 200 mm

Item no.	Dimensions in mm (WxDxH)
07.18.03	365 x 400 x 500



#### Hanging drawer blocks

- 1 x drawer, 400 mm
- 1x bottle holder and intermediate support
- 2x shelf and frame for suspension files

Item no.	Dimensions in mm (WxDxH)
07.18.00	365 x 400 x 500



#### Hanging drawer blocks

4x drawer, 100 mm

Item no.	Dimensions in mm (WxDxH)
07.18.04	365 x 400 x 500



#### Hanging drawer blocks

■ 1x drawer, 100 mm

Item no.	Dimensions in mm (WxDxH)
07 18 01	365 x 400 x 140



#### Hanging drawer blocks

2x drawer, 200 mm

Item no.	Dimensions in mm (WxDxH)
07.18.02	365 x 400 x 500





### workline workplace systems

### Real world combinations with multi-board setup



You can find multi-board accessories on/from page 284



#### workline basic table with clamp fixing

#### Multi-board setup

- 2x support column
- 1x overhead frame
- 1x equipment rail
- 1x LED illumination 28.9 W, 1290 lx
- 1x magnetic board and 1x perforated wall, 302 mm
- 2x inclinable shelf, 320 mm

Item no.	Dimensions in mm (WxDxH)	Design
07.75.15	1500 x 750 x 735 — 1100	workline basic table
03.900.15.13	1500 x 750 x 1250	Multi-board setup



#### workline basic table with crank adjustment

- 1x footrest
- 1x drawer block with 3x drawer, load capacity 20 kg

#### Multi-board setup

- 2x support column
- 1x energy bar with 3x earthed sockets and on/off switch
- 1x perforated wall, 1 magnetic board, 2x shelf, 320 mm
- 2x pivot arm support
- 1x pivot arm with platform
- 1x pivot arm with monitor bracket and keyboard platform
- 1x overhead frame, 1x equipment rail
- 1x LED illumination 28.9 W, 1290 lx

Item no.	Dimensions in mm (WxDxH)	Design
07.75.17	1500 x 750 x 735 — 1100	workline basic table
03.900.75.18	1500 x 750 x 1250	Multi-board setup

Supplied without hooks, boxes and decoration



#### workline basic and add-on table combination with clamp fixing

■ Beech multiplex worktop 25 mm

#### Multi-board setup

- 3x support column
- 1x energy bar with 3x earthed sockets and on/off switch
- 1x perforated wall
- 1x shelf, 220 mm
- 1x shelf, 320 mm
- 1x multi roller shutter cabinet
- 1x overhead frame, 1x equipment rail
- 1 pair of joists
- 1x LED illumination 28.9 W, 1290 lx



Item no.	Dimensions in mm (WxDxH)	Design
07.20.15/40	2000 x 750 x 735 -1100	workline basic table and add-on table
03.900.21	2000 x 750 x 1250	Multi-board setup

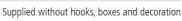
#### workline basic and add-on table combination with crank adjustment

- 2x beech multiplex worktop 25 mm
- 1x drawer block with 3x drawer, load capacity 20 kg
- 1x superstructure frame
- 1x pivot arm with monitor bracket and keyboard platform

#### Multi-board setup 1500 mm

- 2x support column, 1x overhead frame
- 1x equipment rail
- 1x LED illumination 28.9 W, 1290 lx
- 1x energy bar with 3x earthed sockets and on/off switch
- 1x magnetic board and 1x perforated wall, 302 mm
- 1x shelf, 320 mm

Item no.	Dimensions in mm (WxDxH)	Design
07.10.15.10.96	3000 x 750 x 735 – 1100	workline basic and add-on table with multi-board setup



100

200

## workline workplace systems

Multi-board setup

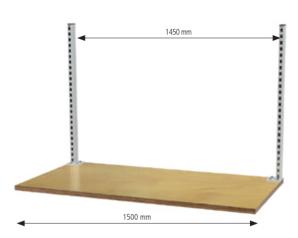




Suitable for mounting on workline worktables



- Table width 1000 mm
- Superstructure width centre-centre 950 mm
- 1x support column left
- 1x support column right



- Table width 1500 mm
- Superstructure width centre-centre 1450 mm
- 1x support column left
- 1x support column right



#### Support column profile 30 x 60 mm

- Reinforced by U-profile tube
- Lower panel thicknesses on request
- 3 support columns are required for assembly on 2 m work surfaces

Item no.	Dimensions in mm
03.935.650.225	650 left
03.935.650.125	650 right
03.935.950.225	950 left
03.935.950.125	950 right
03.935.125.225	1250 left
03.935.125.125	1250 right



- 2x support column, 1x overhead frame, 1x equipment rail
- 1x LED illumination 28.9 W, 1290 lx
- 1x energy bar with 3x earthed sockets and on/off switch
- 2x 1/4" compressed air connection, 2x shelf, 320 mm
- 1x perforated wall
- 1x pivot arm with platform, 1 x Swivel arm holder

Item no.	Dimensions in mm (WxDxH)
03.9001524WL	1500 x 750 x 1250



- 2x support column, 1x overhead frame, 1x equipment rail
- 1x LED illumination 28.9 W, 1290 lx
- 1x energy bar with 3x earthed sockets and on/off switch
- 2x 1/4" compressed air connection, 2x shelf, 320 mm

Item no.	Dimensions in mm (WxDxH)
03.9001523WL	1500 x 750 x 1250



- 2x support column, 1x overhead frame, 1x equipment rail
- 1x LED illumination 28.9 W, 1290 lx
- 1x energy bar with 3x earthed sockets and on/off switch
- 4x shelf, 320 mm

Item no.	Dimensions in mm (WxDxH)
03.9001522WL	1500 x 750 x 1250



- 2x support column, 1x overhead frame, 1x equipment rail
- 1x LED illumination 28.9 W, 1290 lx
- 1x energy bar with 3x earthed sockets and on/off switch
- 3x shelf, 320 mm, 1x perforated wall

Item no.	Dimensions in mm (WxDxH)
03.9001525WL	1500 x 750 x 1250



- 2x support column, 1x overhead frame, 1x equipment rail
- 1x LED illumination 28.9 W, 1290 lx
- 1x energy bar with 3x earthed sockets and on/off switch
- 2x 1/4" compressed air connection, 1x shelf, 320 mm, 1x perforated wall, 1x magnetic board
- 1x pivot arm with platform, 1 x Swivel arm holder

Item no.	Dimensions in mm (WxDxH)
03 9001521WI	1500 x 750 x 1250



- 2x support column, 1x overhead frame, 1x equipment rail
- 1x LED illumination 28.9 W, 1290 lx
- 1x energy bar with 3x earthed sockets and on/off switch
- 2x 1/4" compressed air connection, 1x shelf, 320 mm
- 1x perforated wall, 1x magnetic board

Item no.	Dimensions in mm (WxDxH)
03.9001520WL	1500 x 750 x 1250



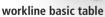


### workline workplace systems

#### Real world combinations with superstructure stand







- Beech multiplex worktop 25 mm
- 1x drawer block with 3x drawer: 2x 100 mm, 1x 200 mm, load capacity 20 kg

#### Superstructure frame

- 1x superstructure frame for stand
- 1x stand with 2x earthed sockets and 1x halogen lamp
- 1x pivot arm with shelf
- 1x pivot arm with perforated/slotted wall
- Without spring balancer and open front storage bins

Item no.	Dimensions in mm (WxDxH)	Design
07.75.96	1500 x 750 x 735 – 1100	Clamp fixing
07.75.96KHV	1500 x 750 x 735 – 1100	Crank fixing



#### workline basic table

- Beech multiplex worktop 25 mm
- 1x footrest, 1x PC support
- 1x drawer block with 1x drawer: 100 mm, load capacity 20 kg

#### Superstructure frame

- 1x superstructure frame for stand
- 1x stand with 2x earthed sockets and 1x halogen lamp
- 1x pivot arm with monitor and keyboard platform

Item no.	Dimensions in mm (WxDxH)	Design
07.75.55	1500 x 750 x 735 – 1100	Clamp fixing
07.75.55KHV	1500 x 750 x 735 – 1100	Crank fixing



#### PC support H

- For attachment under the worktop
- Width adjustable

Item no.	Dimensions in mm (WxDxH)
07.89.06	250 x 550 x 500



#### Foot shelf

- Only for workline tables
- Beech multiplex top 25 mm

Item no.	Dimensions in mm (WxD)	Design
07.30.20	1000 x 350	Basic table
07.30.21	1000 x 350	Add-on table
07.30.25	1500 x 350	Basic table
07.30.26	1500 x 350	Add-on table





#### workline basic table

- Beech multiplex worktop 25 mm
- 1x drawer block with 1x drawer, 100 mm, load capacity 20 kg
- 1x shelf, 3rd level beech multiplex (top)

#### Superstructure frame

- 1x superstructure frame for stand
- 1x stand with 2x earthed sockets and 1x halogen lamp

Item no.	Dimensions in mm (WxDxH)	Design
07.75.46	1500 x 750 x 735 – 1100	Clamp fixing
07.75.46KHV	1500 x 750 x 735 – 1100	Crank fixing

#### workline basic table

■ Beech multiplex worktop 25 mm

#### Superstructure frame

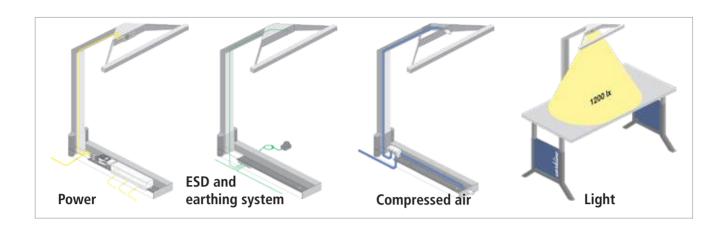
- 1x superstructure frame for stand
- 1x stand with 2x earthed sockets and 1x halogen lamp

Item no.	Dimensions in mm (WxDxH)	Design
07.75.35	1500 x 750 x 735 – 1100	Clamp fixing
07.75.35KHV	1500 x 750 x 735 – 1100	Crank fixing





### **Accessories | Superstructure stand**





Superstructure frame below the worktop



#### Please note:

Mandatory for stand and pivot arms

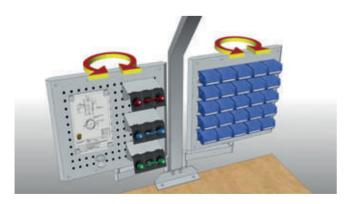
Item no.	Dimensions in mm (WxDxH)
07.40.00	610 x 170 x 130
07.40.01	Surcharge power supply
07.40.02	Surcharge compressed air distributor



#### Stand

- For structures with 2x earthed sockets and 1x halogen lightning 35 W
- Total height 1130 mm

Item no.	Design
07.40.06	Standard
07.40.07	Surcharge for compressed air distributor



 $360\ensuremath{^\circ}$  pivot arm inserts offer maximum flexibility for the work to be carried out.



Sockets, compressed air connections and a halogen lamp are integrated into the stand. This saves the space an additional energy bar would require.

#### **Further accessories**



#### Please note:

- The superstructure frame below the worktop is mandatory for pivot arms
- Load capacity 25 kg



#### Pivot arm with pivot frame and shelves

2x inclinable shelf

Item no.	Dimensions in mm (WxDxH)
07.98.03	680 x 287 x 400



#### Pivot arm with depositing tray

Item no.	Dimensions in mm (WxDxH)
07.98.04	400 x 300 x 48



#### Pivot arm with document holder A4 Portrait format

■ With raised lateral and bottom edge

Item no.	Dimensions in mm (WxDxH)
07.98.05	215 x 370 x 330



#### Pivot arm with document holder A4 Landscape format

■ With raised bottom edge

Item no.	Dimensions in mm (WxDxH)
07.98.06	310 x 156 x 310



#### Pivot arm with monitor bracket

VESA 75 / 100 mm

Item no	Dimensions in mm (WxDxH)
item no.	Difficusions in filli (WADAIT)
07.98.07	130 x 370 x 320



#### Pivot arm with monitor bracket and keyboard platform

- VESA 75 / 100 mm
- Beech multiplex shelf, 15 mm

Item no.	Dimensions in mm (WxDxH)
07.98.08	700 x 355 x 322





### workline workplace systems

#### Linkage accessories



#### workline roller ball table

- Beech multiplex worktop 25 mm
- 2x workpiece carrier stop
- Integrated roller ball rail
- Height-adjustable with clamp fixing
- incl. guide rails

Item no.	Depth of workpiece carrier in mm	Dimensions in mm (WxDxH)
07.60.10.40	384	1000 x 750 x 735 – 1100
07.60.15.40	384	1500 x 750 x 735 – 1100
07.60.10.50	500	1000 x 750 x 735 – 1100
07.60.15.50	500	1500 x 750 x 735 – 1100
07.60.10.60	616	1000 x 750 x 735 – 1100
07.60.15.60	616	1500 x 750 x 735 – 1100



#### workline basic table with small roller conveyor

- 1x small roller conveyor up to 600 mm depth
- Continuously height-adjustable with clamp fixing

Item no.	Dimensions in mm (WxDxH)
07.60.100	1000 x 600 x 790 — 1100
07.60.150	1500 x 600 x 790 — 1100



#### Roller ball table - bridge

- Without guide rails
- For an intersection with 3 or 4 junctions

Item no.	Dimensions in mm (WxD)
07.60.70	3 junctions - 750 x 750
07.60.71	4 junctions - 750 x 750



#### Beech multiplex worktop incl. roller ball rail

- Beech multiplex worktop 25 mm
- Integrated roller ball rail
- Incl. guide rails and 2 x workpiece carrier stop

Item no.	Depth of workpiece carrier in mm	Dimensions in mm (WxDxH)
07.60.90	384	1000 x 750 x 25
07.60.91	384	1500 x 750 x 25
07.60.92	500	1000 x 750 x 25
07.60.93	500	1500 x 750 x 25
07.60.94	616	1000 x 750 x 25
07.60.95	616	1500 x 750 x 25



#### workline add-on table with small roller conveyor

- 1x small roller conveyor up to 600 mm depth
- Continuously height-adjustable with clamp fixing

Item no.	Dimensions in mm (WxDxH)
07.61.100	1000 x 600 x 790 — 1100
07.61.150	1500 x 600 x 790 — 1100



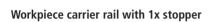


#### Roller ball table - end module

Without guide rails, with one intersection and two junctions

Item no.	Dimensions in mm (WxD)
07.61.70	750 x 750



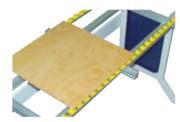


Item no.	Width in mm
07.60.03	1000
07.60.01	1500



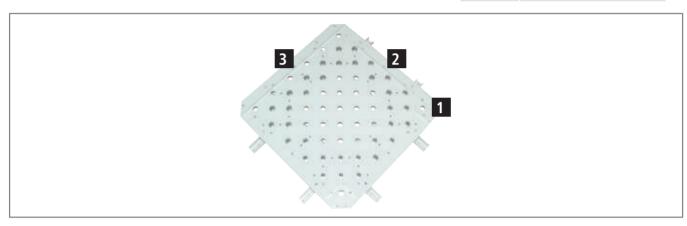
Stopper for workpiece carrier rail

Item no.		
07.60.02		



Beech multiplex workpiece carrier

Item no.	Dimensions in mm (WxDxH)
07.60.10	384 x 384 x 12
07.60.11	500 x 500 x 12
07.60.12	616 x 616 x 12





#### Guide bracket, pair

Item no.	Dimensions in mm
07.60.40	For workpiece carrier 384
07.60.42	For workpiece carrier 500
07.60.44	For workpiece carrier 616



373 x 20 x 20

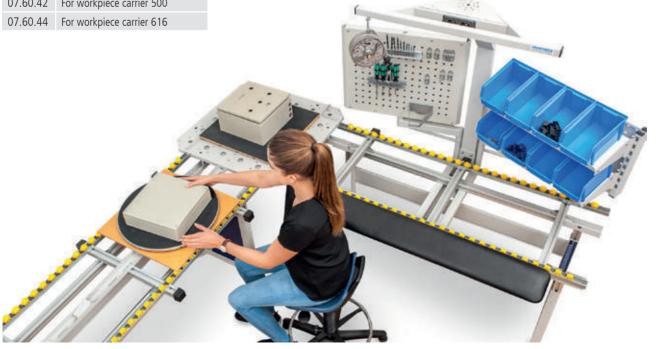
07.60.46





#### Guide rail

Item no.	Dimensions in mm
07.60.48	700







### workline workplace systems

Linkage accessories



#### **ROLLER CONVEYOR SYSTEMS**

The conveying elements are standardised to optimise the internal material flow. With the tried-and-tested roller and wheel conveyor programme, we develop optimal concepts in unit load conveyor technology and realise projects in the areas of: Production, incoming goods, warehouse with picking zones, dispatch, the transport of light products, such as cardboard boxes, is mastered by the conveyor system as well as the handling of heavier goods, which can be moved gently on medium-heavy roller conveyors.

#### ACCORDION ROLLER CONVEYORS

Flared conveyors are independent, flexible conveyor sections. They are used where stationary conveyor sections cannot be installed and packages are handled manually. Thanks to their high degree of flexibility, they can be used as curves or even S-curves. Furthermore, their conveying length is variable (extendable), and they can be moved using steering casters.

- Also galvanised steel tube, Ø 50 x 1.5 mm, on request
- The centre distance is 55 130 mm, depending on the extended length
- Height-adjustable, 700 1100 mm

- Also ball bearing-mounted plastic rollers, Ø 48 mm, on request (without surcharge)
- The centre distance is 32 130 mm, depending on the extended length
- Height-adjustable, 700 1100 mm



Accordion roller conveyors with conveyor rollers made of blue plastic tube



Accordion small roller conveyors with ball bearing-mounted and galvanised steel rollerverzinkten Stahlröllchen

Linkage accessories

workline workplace systems

#### SMALL ROLLER CONVEYORS

For transporting small, light-weight conveyed goods. The conveyed goods should always lie over at least 3 conveyor rollers. Consequently, length and diameter of the smallest conveyed good:

min. 75 mm with a centre distance of 25 mm,

min. 115 mm with a centre distance of 37.5 mm.

The roller conveyor width determines the inner clearance between the roller conveyor frames. The conveyor rollers protrude over the upper edge of the frame.

Conveyors rollers Ø 20 mm or Ø 30 mm



#### LIGHT ROLLER CONVEYORS

Light roller conveyors are used for transporting piece goods of a weight that can still be handled manually. The conveyed goods should always lie over at least 3 conveyor rollers (check centre distance). The roller conveyor width determines the inner clearance between the roller conveyor frames. The load capacity of the conveyors depends on, among other things, the roller conveyor width, and the roller and support spacing. With plastic rollers, the weight of the conveyed good should be no more than 20-25 kg. Supports are placed with a spacing of up to 2 m.



#### MEDIUM-WEIGHT ROLLER CONVEYORS

For applications where light roller conveyors reach their load limits and heavy-duty roller conveyors would be oversized.

They are used for loads of up to approx. 150 - 200 kg/m, irrespective of the roller conveyor width, and the roller and support spacing. For multi-segment sections, the individual conveyors are connected via the supports (no track connectors).







**Heavy duty tables - The strongest** Page 380 Other workstation systems Page 402 Page 422 Worktops **ESD** Page 432 **Mobile logistics systems** Page 456 Wing and sliding door wardrobes Page 530 **Chairs and shelves** Page 552

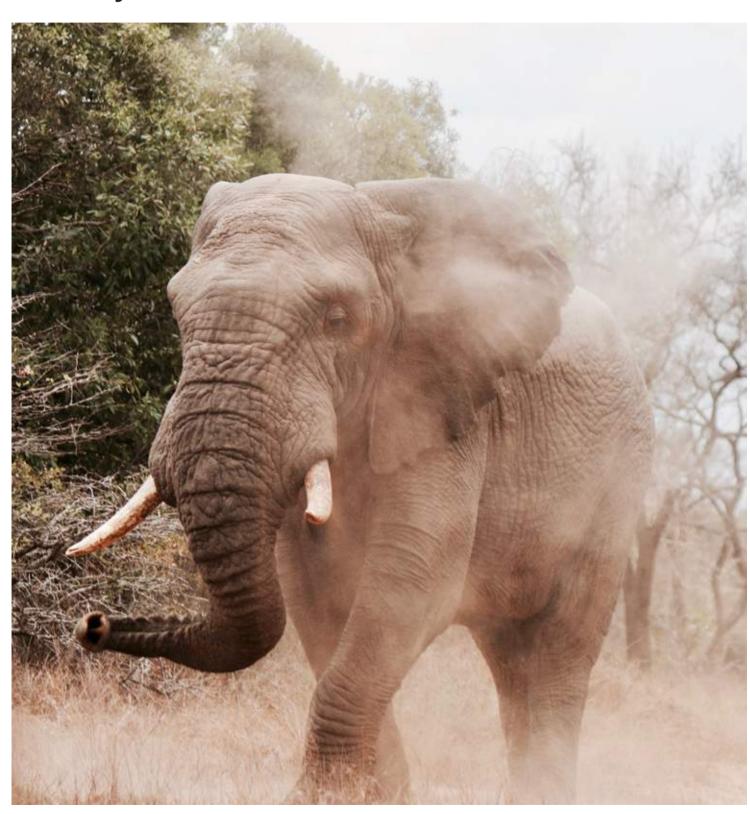
Contet

Wardrobes

**Page 578** 



## Heavy load tables - the strongest ones



### bedrunka+hirth

#### Heavy load tables









powerline C - height-adjustable heavy load tables with C-foot

Page 382



powerline C - basic frame and basic table with C-foot

Page 384





powerline C - combinations from practice with C-foot

Page 386







powerline C - height-adjustable heavy load tables with 4-foot

Page 388



powerline C - basic frame and basic table with 4-foot

Page 390



powerline C - combinations from practice with 4-foot

Page 392







hydline combinations from practice

Page 396







hydline

Page 394







Other heavy load tables

Page 400

# Dowerine C C FL (Erg) (I) / ESD















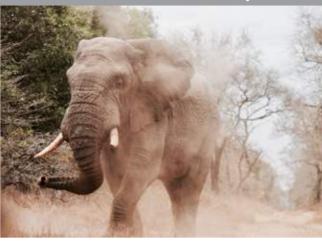


#### **Heavy load tables**

#### powerline C - the strong one

Thanks to its electric height adjustment, the **powerline** quietly moves to the required working height in a range of 705-1155 mm with a vertical travel speed of 9mm/s without load. Thus, the powerline creates a flexible seated/standing workplace without long waiting times. At the same time, the quiet worktable has an extremely high load capacity. The C-foot variant bears up to 600 kg.

- Feet with levelling
- Drive: Internal DC drive with built-in end switches and two synchronous Hall effect sensors
- Connection: 230 V | Drive motor: 24 V





Features at a glance		
Retrofittable	Multi-board setup or stand and optional accessories such as foot switch	
Energy	Direct supply of lighting, energy, compressed air	
Frame widths	1250, 1500, 2000 mm	
Frame depth	750 mm	
Travel speed	9 mm/s without load	
Work height without worktop	705 – 1155 mm   Vertical travel: 450 mm	
Height adjustment	Electric height adjustment	
Frame design	C-foot	
Load capacity	600 kg with even load	







#### **HEIGHT ADJUSTMENT:**







Electric height adjustment

## Powerline C workplace systems

### powerline C basic frame









#### powerline C basic frame

- Equipped with up/down manual switch for height adjustment as standard
- Lifting columns made of aluminium
- Frame and feet made of rectangular tube and 5 mm thick sheet steel

Item no.	Dimensions in mm (WxDxH)
CF.125.75	1250 x 750 x 705 — 1155
CF.150.75	1500 x 750 x 705 — 1155
CF 200 75	2000 v 750 v 705 – 1155



- Beech multiplex top 40 mm
- Equipped with manual switch for height adjustment as standard
- Lifting columns made of aluminium
- Frame and feet made of rectangular tube and 5 mm thick sheet steel

Item no.	Dimensions in mm (WxDxH)
CF.125.75BM	1250 x 750 x 745 – 1195
CF.150.75BM	1500 x 750 x 745 – 1195
CF.200.75BM	2000 x 750 x 745 – 1195

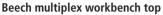
**Worktops** worktops on/from

page 422

You can find further

### Heavy load tables





- Glue laminated, oiled
- Waterproof
- Dampened according to DIN 68705

Panel thickness (mm)	40	50
Dimensions in mm (WxD)	Item no.	Item no.
1250 x 750	03.125.40	03.125.50
1500 x 750	03.15.40	03.15.50
2000 x 750	03.20.40	03.20.50



#### Red beech workbench top

- Strip laminated
- Finger jointed
- Glued wood panel with distinctive grain

Panel thickness (mm)	40	50
Dimensions in mm (WxD)	Item no.	Item no.
1250 x 750	03.125.40RB	03.125.50RB
1500 x 750	03.15.40RB	03.15.50RB
2000 x 750	03.20.40RB	03.20.50RB



#### MDF worktop with 0.7 mm HPL coat

- 4-sided, ABS edging
- Heat and light resistant
- Stain-resistant, easy to clean and to disinfect
- Solvent resistant and largely chemical resistant

Panel thickness (mm)	40	50
Dimensions in mm (WxD)	Item no.	Item no.
1250 x 750	H03.125.40	H03.125.50
1500 x 750	H03.15.40	H03.15.50
2000 x 750	H03.20.40	H03.20.50



#### Chipboard panel directly coated with melamine resin

- 4-sided, ABS edging
- Chipboard carrier plate with direct coating
- Abrasion-resistant and easy to care for surface

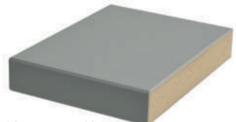
Panel thickness (mm)	40	50
Dimensions in mm (WxD)	Item no.	Item no.
1250 x 750	07.M12575.40	07.M12575.50
1500 x 750	07.M1575.40	07.M1575.50
2000 x 750	07.M2075.40	07.M2075.50



#### MDF worktop with 2.5 mm linoleum coat

- 4-sided ABS edging
- Antistatic
- Scratch resistant
- Made from purely natural raw materials, thus linoleum is very environmentally friendly in production, use and disposal
- Areas of application: technical, electrical and chemical works

Panel thickness (mm)	40	50
Dimensions in mm (WxD)	Item no.	Item no.
1250 x 750	L03.125.40	L03.125.50
1500 x 750	L03.15.40	L03.15.50
2000 x 750	L03.20.40	L03.20.50



#### MDF worktop with 2.5 mm Trovidur coat

- 4-sided ABS edging
- Low flammability surface
- Very good electrical insulating properties
- High resistance to acids, lyes and salt solutions
- Areas of application: Chemical tank and plant construction, electrical industry, construction industry

Panel thickness (mm)	40	50
Dimensions in mm (WxD)	Item no.	Item no.
1250 x 750	T03.125.40	T03.125.50
1500 x 750	T03.15.40	T03.15.50
2000 x 750	T03.20.40	T03.20.50



## powerline C workplace systems

#### **Combinations from practice**

#### Ergonomics at the workplace

A workplace that individually adapts to the respective worker's height. Optimal working conditions for a seated and standing workplace. Beech multiplex worktop 40 mm.







You can find further accessories on/from page 398





#### powerline C heavy load table with stand

- powerline heavy load table electrically height-adjustable
- Stand structure
- 1x pivot arm with perforated/slotted walls
- 1x pivot arm with shelf and ribbed rubber mat
- 1x halogen lamp
- 2x earthed sockets
- 1x 1/4" compress air connection

Item no.	Dimensions in mm (WxDxH)
CF.125.75-2	1250 x 750 x 745 – 1195
CF.150.75-2	1500 x 750 x 745 – 1195
CF.200.75-2	2000 x 750 x 745 – 1195

#### powerline C heavy load table with multi-board setup

- 2x support column
- 1x energy bar with 3x earthed sockets and on/off switch
- 1x perforated wall
- 1x magnetic board
- 1x shelf, 320 mm
- 1x overhead frame
- 1x equipment rail
- 1 x LED illumination 28.9 W, 1290 lx

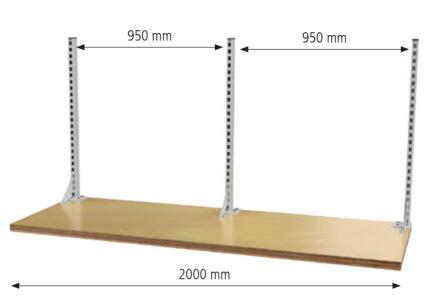
	Dimensions in mm (WxDxH)
CF.125.75-1	1250 x 750 x 745 – 1195
CF.150.75-1	1500 x 750 x 745 – 1195
CF.200.75-1*	2000 x 750 x 745 – 1195

Supplied without hooks, boxes and decoration

#### Heavy load tables



- Table width 2000 mm
- Superstructure width centre-centre 2 x 950 mm
- 2x support column left
- 2x support column right





\*Three support columns are required for a table width of 2000 mm.

The number of perforated walls, magnetic boards and shelves doubles.



#### Attachments for the stand

- Attachment for powerline, for example
- Screwed to the worktop (40 mm)

Iter	n no.			
07	.40.016			



- With 4 sockets
- Attachment under the worktop, for example

Item no.	Designation
07.40.03	840 x 110 x 45   Multiple socket bar
07.40.04	1/4" compressed air connection

## Powerline 4 workplace systems

# Dowerline 4















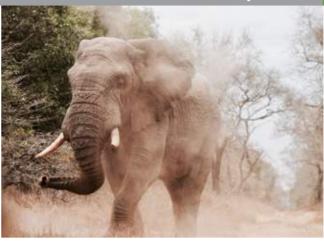


#### **Heavy load tables**

#### powerline 4 - the strongest one

Thanks to its electric height adjustment, the **powerline** moves virtually silently to the required working height in a range of 705-1155 mm. The vertical travel speed is 9 mm/s without load. Thus, the powerline creates a flexible seated/standing workplace without long waiting times. The 4-foot variant boasts a load capacity of up to 900 kg.

- Feet with levelling
- Drive: Internal DC drive with built-in end switches and two synchronous Hall effect sensors
- Connection: 230 V | Drive motor: 24 V





Features at a glance	atures at a glance		
Retrofittable	Multi-board setup or stand and optional accessories such as foot switch		
Energy	Direct supply of lighting, energy, compressed air		
Frame widths	1500, 2000 mm		
Frame depth	900 mm		
Travel speed	9 mm/s without load		
Work height without worktop	705 – 1155 mm   Vertical travel: 450 mm		
Height adjustment	Electric height adjustment		
Frame design	4-foot		
Load capacity	900 kg with even load		

#### FRAME DESIGN:





#### **HEIGHT ADJUSTMENT:**







Electric height adjustment

## Powerline 4 workplace systems

### powerline 4 basic frame



#### powerline 4 basic frame

- Equipped with manual switch for height adjustment as standard
- Lifting columns made of aluminium
- Frame and feet made of rectangular tube and 5 mm thick sheet steel

Item no.	Dimensions in mm (WxDxH)
4F.150.75	1500 x 750 x 705 — 1155
4F.150.90	1500 x 900 x 705 — 1155
4F.200.75	2000 x 750 x 705 — 1155
4E 200 90	2000 x 900 x 705 – 1155



#### powerline 4 basic table

- Beech multiplex top 40 mm
- Equipped with manual switch for height adjustment as standard
- Lifting columns made of aluminium
- Frame and feet made of rectangular tube and 5 mm thick sheet steel

Item no.	Dimensions in mm (WxDxH)
4F.150.75BM	1500 x 750 x 745 – 1195
4F.150.90BM	1500 x 900 x 745 – 1195
4F.200.75BM	2000 x 750 x 745 – 1195
4F.200.90BM	2000 x 900 x 745 – 1195



#### Beech multiplex workbench top

- Glue laminated, oiled
- Waterproof
- Dampened according to DIN 68705

Panel thickness (mm)	40	50
Dimensions in mm (WxD)	Item no.	Item no.
1500 x 750	03.15.40	03.15.50
1500 x 900	03.1590.40	03.1590.50
2000 x 750	03.20.40	03.20.50
2000 x 900	03.2090.40	03.2090.50



#### Red beech workbench top

- Strip laminated
- Finger jointed
- Glued wood panel with distinctive grain

Panel thickness (mm)	40	50
Dimensions in mm (WxD)	Item no.	Item no.
1500 x 750	03.15.40RB	03.15.50RB
1500 x 900	03.1590.40RB	03.1590.50RB
2000 x 750	03.20.40RB	03.20.50RB
2000 x 900	03.2090.40RB	03.2090.50RB



#### MDF worktop with 0.7 mm HPL coat

- 4-sided, ABS edging
- Heat and light resistant
- Stain-resistant, easy to clean and to disinfect
- Solvent resistant and largely chemical resistant

Panel thickness (mm)	40	50
Dimensions in mm (WxD)	Item no.	Item no.
1500 x 750	H03.15.40	H03.15.50
1500 x 900	H03.1590.40	H03.1590.50
2000 x 750	H03.20.40	H03.20.50
2000 x 900	H03.2090.40	H03.2090.50



#### Chipboard panel directly coated with melamine resin

- 4-sided, ABS edging
- Chipboard carrier plate with direct coating
- Abrasion-resistant and easy to care for surface

Panel thickness (mm)	40	50
Dimensions in mm (WxD)	Item no.	Item no.
1500 x 750	07.M1575.40	07.M1575.50
1500 x 900	07.M1590.40	07.M1590.50
2000 x 750	07.M2075.40	07.M2075.50
2000 x 900	07.M2090.40	07.M2090.50



#### MDF worktop with 2.5 mm linoleum coat

- 4-sided ABS edging
- Antistatic
- Scratch resistant
- Made from purely natural raw materials, thus linoleum is very environmentally friendly in production, use and disposal
- Areas of application: technical, electrical and chemical works

Panel thickness (mm)	40	50
Dimensions in mm (WxD)	Item no.	Item no.
1500 x 750	L03.15.40	L03.15.50
1500 x 900	L03.1590.40	L03.1590.50
2000 x 750	L03.20.40	L03.20.50
2000 x 900	L03.2090.40	L03.2090.50



#### MDF worktop with 2.5 mm Trovidur coat

- 4-sided ABS edging
- Low flammability surface
- Very good electrical insulating properties
- High resistance to acids, lyes and salt solutions
- Areas of application: Chemical tank and plant construction, electrical industry, construction industry

Panel thickness (mm)	40 mm	50
Dimensions in mm (WxD)	Item no.	Item no.
1500 x 750	T03.15.40	T03.15.50
1500 x 900	T03.1590.40	T03.1590.50
2000 x 750	T03.20.40	T03.20.50
2000 x 900	T03.2090.40	T03.2090.50



## Powerline 4 workplace systems

### **Combinations from practice**

#### Ergonomics at the workplace

A workplace that individually adapts to the respective worker's height. Optimal working conditions for a seated and standing workplace. Beech multiplex worktop 40 mm.



\*Three support columns are required for a table width of 2000 mm.

The number of perforated walls, magnetic boards and shelves







You can find further accessories on/from page 298



#### powerline 4 with multi-board setup

- 2x support column
- 1x energy bar with 3x earthed sockets and on/off switch
- 1x perforated wall
- 1x magnetic board
- 1x shelf, 320 mm
- 1x overhead frame
- 1x equipment rail
- 1 x LED illumination 28.9 W, 1290 lx

Item no.	Dimensions in mm (WxDxH)
4F.150.75-1	1500 x 750 x 745 – 1195
4F.150.90-1	1500 x 900 x 745 – 1195
4F.200.75-1*	2000 x 750 x 745 – 1195
4F.200.90-1*	2000 x 900 x 745 — 1195



#### powerline 4 with multi-board setup

- 2x support column
- 1x energy bar with 3x earthed sockets and on/off switch
- 2x 1/4" compressed air connection
- 1x shelf, 220 mm
- 1x perforated wall
- 1x magnetic board
- 1x pivot arm with platform
- 1x overhead frame
- 1x equipment rail
- 1 x LED illumination 28.9 W, 1290 lx

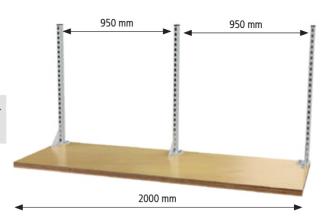
Item no.	Dimensions in mm (WxDxH)
4F.150.75-2	1500 x 750 x 745 — 1195
4F.150.90-2	1500 x 900 x 745 — 1195
4F.200.75-2*	2000 x 750 x 745 — 1195
4F.200.90-2*	2000 x 900 x 745 — 1195

Supplied without hooks, boxes and decoration

#### Heavy load tables



\*Three support columns are required for a table width of 2000 mm. The number of perforated walls, magnetic boards and shelves doubles.









#### powerline 4 with multi-board setup

- 2x support column
- 1x energy bar with 3x earthed sockets and on/off switch
- 3x shelf, 220 mm depth
- 1x shelf, 320 mm depth
- 1x overhead frame
- 1x equipment rail
- 1 x LED illumination 28.9 W, 1290 lx

Item no.	Dimensions in mm (WxDxH)
4F.150.75-3	1500 x 750 x 745 — 1195
4F.150.90-3	1500 x 900 x 745 – 1195
4F.200.75-3*	2000 x 750 x 745 – 1195
4F.200.90-3*	2000 x 900 x 745 – 1195

#### powerline 4 with multi-board setup

- 2x support column
- 1x energy bar with 3x earthed sockets and on/off switch
- 1x perforated wall
- 1x magnetic board
- 2x shelf, 320 mm
- 1x overhead frame
- 2x equipment rail
- 1 x LED illumination 28.9 W, 1290 lx
- 1x carriage

Item no.	Dimensions in mm (WxDxH)
4F.150.75-4	1500 x 750 x 745 – 1195
4F.150.90-4	1500 x 900 x 745 – 1195
4F.200.75-4*	2000 x 750 x 745 – 1195
4F.200.90-4*	2000 x 900 x 745 — 1195

Supplied without hooks, boxes and decoration

# hydline workplace systems

### The height-adjustable heavy load table













#### hydline heavy load table

Item no.	Dimensions in mm (WxDxH)	Description
03.15.40.07	1500 x 750 x 700 — 1100	Complete set, as illustrated, but without decoration, spring balancer, boxes and tools, without lighting
03.15.40HVS	1500 x 750 x 700 — 1100	hydline heavy load table with electric height adjustment
07.40.016		Attachments for the stand, screwed to the worktop (40 mm)
07.40.06		Stand structure with 2x earthed sockets and 1x halogen lightning 35W
07.40.07		Surcharge for 1/4" compressed air distributor
07.98.10	655 x 45 x 500	Pivot arm with perforated/slotted wall
07.00.30	740 x 410 x 430	Footrest, with individually adjustable height and incline
05.96.09	520-710	PU standing aid, blue, large PU seat, blue, 370 mm wide Seat incline adjustment, 7.5° forwards and backwards, seat height adjustment with gas spring, stable plastic-cruciform base, $\emptyset$ 630 mm
04.10.05V-1	555 x 736 x 1005	Mobile drawer cabinet, 2x 100 mm drawer, 2x 150 mm drawer, 1x 200 mm drawer, drawers with full pull-out 100 %, load capacity 100 kg, central locking with individual pull-out lock, double locking of the drawers with single locks, 2x steering casters with locks, 2x fixed casters Ø 125 mm, beech multiplex worktop 25 mm

#### Heavy load tables

#### hydline - the quickest of the strong ones

The **hydline** heavy load table moves to your required working height at a speed of 15 mm/s. However, this table is not only quick, but also strong. The hydline has a load capacity of up to 600 kg.

Thanks to the hydraulic drive, it has a long service life and will be your trusty companion for a long time.

- Stepless height adjustment of the drive
- Very large forces and torques
- Pressure relief valve for reliable and quick-acting overload protection
- High power density in comparison with electric motors
- Implementation of linear drive elements working in parallel
- Long service life thanks to the hydraulic drive
- High positioning accuracy
- Uniform movement

Features at a glance

Work height without worktop

Retrofittable

Frame widths

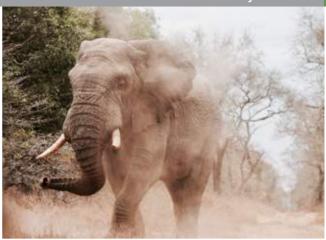
Frame depth Travel speed

Height adjustment

Frame design

Load capacity

Energy



pad protection
rallel
Multi-board setup or stand and optional accessories such as foot switch
Direct supply of lighting, energy, compressed air
1500, 2000 mm
750 mm
15 mm/s without load



#### FRAME DESIGN:





705 – 1155 mm | Vertical travel: 450 mm

Two different types: Crank adjustment, electric height adjustment

350-600 kg with uniform load depending on height adjustment

#### **HEIGHT ADJUSTMENT:**





Crank adjustment Electric height adjustment

## hydline workplace systems

Combinations from practice



#### **Ergonomics at the workplace**

A workplace that individually adapts to the respective worker's height. Optimal working conditions for a seated and standing workplace. Beech multiplex worktop 40 mm.









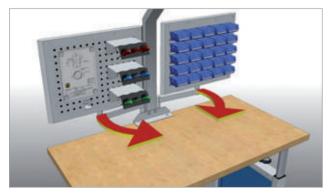




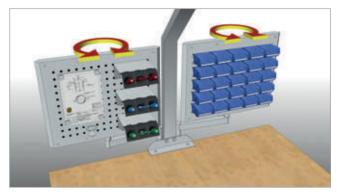
### Multi-board setup

- 2x support column
- 1x overhead frame
- 1x equipment rail
- 1x LED illumination 28.9 W, 1290 lx
- 1x energy bar with 3x earthed sockets and on/off switch
- 2x 1/4" compressed air connection
- 1x perforated wall
- 1x magnetic board
- 1x shelf, 320 mm

Item no.	Dimensions in mm (WxDxH)	Description
03.900.15.20	1500 x 750 x 1250	Multi-board setup
03.15.40HV	1500 x 750 x 700 – 1100	hydline heavy load table with crank adjustment, 350 kg load capacity
03.15.40HVS	1500 x 750 x 700 – 1100	hydline heavy load table height-adjustable with electric control, 600 kg load capacity



Adjustable pivot arms ensure the free configuration of handling areas



360° pivot arm inserts, which are attached directly to the stand, offer maximum flexibility for the work to be carried out.

You can find multi-board setups on/ from page 265



## Floor anchorage

- For fixing the workbench to the floor
- 4 pieces

Item no.

03.00.34





- Crank adjustment
- Maximum load capacity 350 kg

Item no.	Dimensions in mm (WxDxH)	Tabletop	Thickness in mm
03.15.40HV	1500 x 750 x 700 — 1100	Multiplex	40
03.15.50HV	1500 x 750 x 700 — 1100	Multiplex	50
H03.15.40HV	1500 x 750 x 700 — 1100	MDF - HPL	40
H03.15.50HV	1500 x 750 x 700 – 1100	MDF – HPL	50
03.20.40HV	2000 x 750 x 700 — 1100	Multiplex	40
03.20.50HV	2000 x 750 x 700 - 1100	Multiplex	50
H03.20.40HV	2000 x 750 x 700 - 1100	MDF – HPL	40
H03.20.50HV	2000 x 750 x 700 - 1100	MDF – HPL	50



- Hydraulically height-adjustable with electric control
- Maximum load capacity 600 kg

Item no.	Dimensions in mm (WxDxH)	Tabletop	Thickness in mm
03.15.40HVS	1500 x 750 x 700 – 1100	Multiplex	40
03.15.50HVS	1500 x 750 x 700 — 1100	Multiplex	50
H03.15.40HVS	1500 x 750 x 700 — 1100	MDF – HPL	40
H03.15.50HVS	1500 x 750 x 700 – 1100	MDF – HPL	50
03.20.40HVS	2000 x 750 x 700 — 1100	Multiplex	40
03.20.50HVS	2000 x 750 x 700 - 1100	Multiplex	50
H03.20.40HVS	2000 x 750 x 700 - 1100	MDF – HPL	40
H03.20.50HVS	2000 x 750 x 700 - 1100	MDF – HPL	50



Freely adjustable system lights, which are attached directly to the stand.



Sockets, compressed air connections and a halogen lamp are integrated into the stand. This saves the space an additional energy bar would require.



## **Accessories | Superstructure stand**

You can find further accessories on/from page 284



#### Attachments for the stand

Screwed to the worktop (40 mm)

Item no.	
07.40.016	



#### Stand

 For structures with 2x earthed sockets and 1x halogen lightning 35 W

Item no.	Design
07.40.06	Standard
07.40.07	Surcharge for 1/4" compressed air distributor



## Multiple socket bar, single

- With 4 sockets
- Attachment under the worktop, for example

Item no.	Designation
07.40.03	840 x 110 x 45 Multiple socket bar
07.40.04	1/4" compressed air connection



#### Please note:

- The stand or the attachment for the stand is required for the pivot arms
- Load capacity 30 kg



## Pivot arm with pivot frame and perforated walls

■ With double-sided perforated wall

Item no.	Dimensions in mm (WxDxH)
07.98.09	680 x 60 x 350



## Pivot arm with perforated/slotted wall

- For hooks and small parts boxes
- 1st side with slotted wall | 2nd side with perforated wall

Item no.	Dimensions in mm (WxDxH)
07.98.10	655 x 45 x 500



Example application

## Open fronted storage bins

■ 15 pieces

Item no.	Dimensions in mm (WxDxH)
07.45.26	_



## Pivot arm with shelf

■ Beech multiplex 25 mm

Item no.	Dimensions in mm (WxD)
07.98.12	600 x 350



## Pivot arm with depositing tray

Item no.	Dimensions in mm (WxDxH)
07.98.04	400 x 300 x 48



## Pivot arm with document holder A4

■ With raised lateral and bottom edge

Item no.	Dimensions in mm (WxDxH)
07.98.05	215 x 35 x 330

You can find further accessories on/from page 236

Heavy load tables





Accessories

Item no.	Designation
03.900.01	-



#### Spring balancer

- For all kinds of portable equipment and tools
- 1600 mm pull-out

Item no.	Load capacity in kg
03.900.44	0.4 – 1.0
03.900.45	1.0 – 2.0
03.900.46	2.0 - 3.0



## Spring balancer with hose

- Max. pressure 8 bar
- Airflow 370 l/min
- Both sides R 1/4"
- 1400 mm pull-out

Item no.	Load capacity in kg
03.900.60	0.4 - 0.8
03.900.61	0.8 – 1.5
03 900 62	12-25



#### Bag holder

■ For mounting on the worktop

Item no.	Dimensions in mm (WxDxH)
03.900.41	40 x 30 x 70



#### **Bottle holder**

■ For mounting on the perforated wall and the worktop

Item no.	Dimensions in mm
03.900.43	Ø 90 x 70



## Roll holder

■ For mounting on the perforated wall and the worktop

Item no.	Dimensions in mm (WxDxH)
03.900.42	200 x 95 x 71



## Range of hooks, 10 parts

- 7x tool holder with inclined end
- 2x double tool holder
- 1x tool clamp

Item no.	
03.87.395-10	



#### Double tool holder with slanted hook ends

■ Ø 6 mm

Item no.	Dimension in mm (W)
03.87.322	50
03.87.323	75
03.87.324	150



## Depositing box, small

Item no.	Dimensions in mm (WxDxH)
03.87.430	250 x 80 x 35

# Other heavy load tables

Heavy load table

■ Very stable steel tube construction, 80 x 80 x 3 mm

- Completely welded
- 2500 kg total load capacity
- Frame height 919 mm

You can find worktops on/from page 422





## Heavy load table frame

■ Frame without worktop

Item no.	Dimensions in mm (WxDxH)
03.10SLT1.6	1000 x 650 x 919
03.15SLT1.6	1500 x 650 x 919
03 20SIT1 6	2000 x 650 x 919



## Heavy load table

■ Beech multiplex worktop 50 mm

Item no.	Dimensions in mm (WxDxH)
03.10SLT0.6	1000 x 750 x 969
03.15SLT0.6	1500 x 750 x 969
03.20SLT0.6	2000 x 750 x 969

## Height-adjustable heavy load table

**Heavy load tables** 

- Stable U-profile construction, 75 x 50 x 2 mm
- Welded and bolted with gusset plates for stiffening
- For assembly, workshop and shipping
- 1000 kg total load capacity
- Height-adjustable from 694 to 1044 mm on a grid of 25 mm

You can find worktops on/from page 422







## ■ Frame without worktop

■ Height-adjustable on a grid of 25 mm

Item no.	Dimensions in mm (WxDxH)
03.10.001.6	1000 x 650 x 694 - 1044
03.15.001.6	1500 x 650 x 694 – 1044
03.20.001.6	2000 x 650 x 694 – 1044

#### Wooden shelf

■ Beech multiplex

Item no.	Dimensions in mm (WxDxH)
03.10.001FB	900 x 550 x 25
03.15.001FB	1400 x 550 x 25
03 20 001FR	1900 x 550 x 25



#### Height-adjustable heavy load table

- Beech multiplex worktop 40 mm
- Height-adjustable on a grid of 25 mm

	Dimensions in mm (WxDxH)
03.10.000.6	1000 x 750 x 734 – 1084
03.15.000.6	1500 x 750 x 734 – 1084
03.20.000.6	2000 x 750 x 734 - 1084



#### Mobile add-on for height-adjustable heavy load table

- Retrofittable
- Stable U-profile construction
- Height-adjustable on a grid of 25 mm
- Total height of heavy load table incl. casters: 884 1236 mm
- Load capacity 450 kg
- 4x steering caster, Ø 125 mm with lock

Item no.	Dimensions in mm (WxDxH)
03.90.HVMOB	1000 x 750 x 150

Delivered unassembled with assembly instructions

kg 450



# Other workplace systems

- they can handle it



## bedrunka+hirth

## Other workplace systems





Packing tables Page 404





Cutting stands Page 418



Stable table design with levelling

Page 419



workalu Page 420



# Packing tables - workplace systems

## Packing tables

- Stable table design with levelling
- 19 mm worktop with melamine resin coating
- Surface loading up to 100 kg
- Shelves of table extensions made of galvanised sheet steel
- Cutting device with exchangeable cartridge
- Titanium coated blade
- Selected accessories



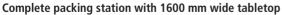
Pos.	Item no.	Dimensions in mm (W x D x H)	Description
1	03.PT01	2000 x 800 x 850	Packing table 2000, 19 mm worktop with melamine resin coating, max. surface loading up 100 kg
2	03.700030	40 x 40 x 1266	Mounting beam, in pairs
3	03.PT06	1430 x 400 x 58	Tray made of galvanised sheet steel, for mounting between the beams
4	03.700050	1420 x 300 x 400	Add-on store made of galvanised sheet steel incl. 8x dividers, max. surface loading 50 kg
5	03.700140	1425 x 20 x 20	Axle between beams, for holding rolls, max. load capacity 20 kg
6	03.700120	513 x 530 x 160	Drawer made of sheet steel, lockable, load capacity 12.5 kg
7	03.PT13	1500 x 175 x 20	Attachment cutting device, cutting width 1250 mm, incl. axle set
8	03.PT14	600 x 600 x 750	Side table, max. Area load 100 kg
9	03.700080	1415 x 300 x 415	Base box store, incl. 8x divider, mobile with 4x lockable steering caster
10	03.897052	500 x 400	Digital table scales for weighings not subject to statutory calibration
no fig.	03.PT02	1600 x 800 x 850	Packing table 1600, 19 mm worktop with melamine resin coating, max. surface loading up 100 kg
no fig.	03.PT05	1435 x 253 x 114	Form tray made of galvanised sheet steel
no fig.	03.PT08	1525 x 650 x 19	Intermediate shelf, wood, max. surface loading 50 kg
no fig.	03.PT12	200 x 100 x 100	Monitor mount, VESA 75/100 mm
no fig.	03.PT17	600 x 490 x 675	Drawer unit incl. 4x drawer, mobile
no fig.	03.PT509201	640 x 728 x 120	Keyboard and mouse tray with articulated arm

## **Packing tables**









- Form tray, 230 mm depthBox store with 6x divider
- Stable table with steel construction

- 300 kg surface loading
   Light grey 30 mm worktop with melamine resin coating
   Steel parts powder-coated, RAL 7016 Anthracite grey and RAL 3003 Ruby red
- Intermediate shelf (1145 x 650 x 19 mm)
- Steel drawer (520 x 500 x 150 mm), 12.5 kg load capacity

Item no.	Cutting width/dimensions in mm (W x D x H)
03.PT163001	1600 x 800 x 690 – 960



# Complete packing station with 1600 mm wide tabletop Form tray, 230 mm depth Box store with 6x divider

- Stable table with steel construction
- 300 kg surface loading
- Light grey 30 mm worktop with melamine resin coating
   Steel parts powder-coated, RAL 7016 Anthracite grey and RAL 3003 Ruby red
- Cutting device, RAL 9007 Grey aluminium, with blade cartridge for paper and foils, cutting width 100 cm, axle set with cones and bearing shells

Item no.	Cutting width/dimensions in mm (W x D x H)
03.PT163002	1600 x 800 x 690 – 960

# Packing tables - workplace systems

## **Packing tables**





Electric height adjustment



## Packing and worktable 1600/2000

- Stable steel construction, beams and feet made of square tube
- Foldable for transport, height adjustable from 690 to 960 mm as standard, melamine coated 30 mm tabletop
- Max. surface loading 300 kg
- Steel parts powder-coated, RAL 7016 Anthracite grey and RAL 3003 Ruby red
- Other versions with scales and EDP interface available

Pos.	Item no.	Dimensions in mm (W x D x H)	Design
	03.PT163000	1600 x 800 x 690-960	Clamp fixing
	03.PT203000	2000 x 920 x 690-960	Clamp fixing
4	03.PT163500	1600 x 800 x 710-960	Crank adjustment
ı	03.PT203500	2000 x 920 x 710-960	Crank adjustment
	03.PT163800	1600 x 800 x 710-960	Electric height adjustment
	03.PT203800	2000 x 920 x 710-960	Electric height adjustment

#### Accessories for table width 1600 mm

Pos.	Item no.	Dimensions in mm (W x D x H)	Description
2	03.PT166000	1600 x 40 x 40	Back board made of 40 x 40 mm square tube
4	03.PT1653	1015 x 600 x 400	Add-on store, dividers: 3x small divider, 3x large divider, flexible clamp mounting, max. surface loading 50 kg
4	03.PT1653D	1015 x 600 x 400	Add-on store without dividers, e.g. for mounting of the printer pull-out, flexible clamp mounting, max. surface loading 50 kg
5	03.PT207004	661 x 51 x 54	Workplace lighting, LED with dimming function, rotatable, 21 W, 903 lux
3	03.PT207002	1145 x 515 x 40	Holder for mounting the workplace lamp, for mounting under add-on store
6	03.PT160900	1135 x 650 x 19	Intermediate shelf, max. surface loading 50 kg
7	03.PT704700	1045 x 450 x 60	Inclined sheet steel tray, flexible clamp mounting, incline continuously adjustable, with raised edge, max. surface loading 50 kg
9	03.PT704740	1046 x 400	Tray, melamine resin coated wooden panel, 30 mm, flexible clamp mounting, max. surface loading 50 kg

#### Accessories for table width 2000 mm

Pos.	Item no.	Dimensions in mm (W x D x H)	Description
2	03.PT206000	2000 x 40 x 40	Back board made of 40 x 40 mm square tube
4	03.PT2053	1600 x 600 x 400	Add-on store, dividers: 5x small divider, 4x large divider, flexible clamp mounting, max. surface loading 50 kg
4	03.PT2053D	1600 x 600 x 400	Add-on store without dividers, e.g. for mounting of the printer pull-out, flexible clamp mounting, max. surface loading 50 kg
_	03.PT207003	976 x 51 x 54	Workplace lighting, LED with dimming function, rotatable, 32 W, 1409 lux
5	03.PT207001	1730 x 515 x 40	Holder for mounting the workplace lamp, for mounting under add-on store
6	03.PT200900	1720 x 770 x 19	Intermediate shelf, max. surface loading 50 kg
7	03.PT704800	1630 x 450 x 60	Inclined sheet steel tray, flexible clamp mounting, incline continuously adjustable, with raised edge, max. surface loading 50 kg
9	03.PT704750	1600 x 400	Tray, melamine resin coated wooden panel, 30 mm, flexible clamp mounting, max. surface loading 50 kg

The mounting beams or the add-on frame are the basis for all above-the-table-accessories. Please note the matching accessories for table widths 1600 and 2000 mm.



#### Accessories for table widths 1600 and 2000 mm

Acce	Accessories for table widths 1600 and 2000 mm			
Pos.	Item no.	Dimensions in mm (W x D x H)	Description	
3	03.PT2062	1170	Mounting beams, short version, 485 mm above tabletop with screw fastening at table legs, PU $=2$ pieces, for table 03.PT163000 and 03.PT203000	
3	03.PT2064	1770	Mounting beams, long version, 1085 mm above tabletop with screw fastening at table legs, $PU=2$ pieces, for table 03.PT163000 and 03.PT203000	
3	03.PT2065	1170	Mounting beams, short version, 485 mm above tabletop with screw fastening at table legs, PU $=$ 2 pieces, for table 03.PT16350, 03.PT203500, 03.PT163800 and 03.PT203800	
3	03.PT2066	1770	Mounting beams, long version, 1085 mm above tabletop with screw fastening at table legs, $PU=2$ pieces, for table 03.PT16350, 03.PT203500, 03.PT163800 and 03.PT203800	
8	03.PT2082	440 x 520 x 90	Universal tray for monitor, adhesive tape dispenser, etc. Clamp mounting at beams, max. surface loading 25 kg	
10	03.PT205350	375 x 658 x 100	Printer pull-out for mounting on add-on store	
11	03.PT200600	520 x 500 x 150	Steel drawer, lockable, for right and/or left use under table, plastic sliding guide, with protection against slipping out, load capacity 35 kg, internal dimensions: 460 x 495 x 120	
12	03.PT228100	100 – 242 x 150 x 320 – 545	PC support for mounting under packing table, incl. fixing screws and drilling template	
	03.PT228101	130 x 240 x 120	Beam attachment for PC holder	
	03.PT509001	51 x 51 x 445	Support column with screw clamps for attachment of an articulated TFT monitor arm and a keyboard tray, aluminium profile with clamp fastening, $14-40\mathrm{mm}$ clamping range	
13	03.PT509002	51 x 51 x 445	Support column with screw clamps for attachment of an articulated TFT monitor arm and a keyboard tray, aluminium profile with clamp fastening, $5-65\mathrm{mm}$ clamping range	
	03.PT509006	51 x 51 x 845	Support column with screw clamps for attachment of an articulated TFT monitor arm and a keyboard tray, aluminium profile with clamp fastening, $5-65\mathrm{mm}$ clamping range	
14	03.PT509201	640 x 728 x 120	Keyboard and mouse tray with articulated arm for flexible attachment to support column or adapter, surface area: $640 \times 172 \text{mm}$ , load capacity $10 \text{ kg}$	
15	03.PT20	535 x 600 x 785	Cabinet unit with 1x door, 1x drawer	
16	03.509204	47 x 67 x 200	Adapter for pivot arm and support carriage	



## Packaging table basic

- Sturdy construction made of 40 x 40 mm square tube
- Top front aditional square tube beam
- Top rear stiffening plate for stabilisation
- Worktop optionally:
   Beech mutliplex, glue laminated, oiled or
   MDF worktop with 0.7 mm HPL coat, 4-sided ABS edging
- Leveling glides under the feet
- Load capacity 300 kg
- Delivery unassembled













#### Basic table depth 750

Item no.	Dimensions in (W x D x H)	Worktop
PT1575BU	1500 x 750 x 859	Beech multiplex
PT2075BU	2000 x 750 x 859	Beech multiplex
PT1575HPL	1500 x 750 x 859	MDF with HPL coat
PT2075HPL	2000 x 750 x 859	MDF with HPL coat

## Basic table depth 900 mm

Item no.	Dimensions in (W x D x H)	Worktop
PT1590BU	1500 x 900 x 859	Beech multiplex
PT2090BU	2000 x 900 x 859	Beech multiplex
PT1590HPL	1500 x 900 x 859	MDF with HPL coat
PT2090HPL	2000 x 900 x 859	MDF with HPL coat

## Height adjustment

- Height-adjustable on a grid of 25 mm
- Complete for a workbench with 4 feet

Item no.	Version
03.15.95	Height adjustment of 200 mm
03.15.96	Height adjustment of 300 mm



## Packaging table comfort

- Construction made of 45 x 45 mm square tube
- Feet made of Aluminium profiles 40 x 40 mm
- Worktop optionally:
   Beech mutliplex, glue laminated, oiled or
   MDF worktop with 0.7 mm HPL coat, 4-sided ABS edging
- Travel speed 12 mm/s
- 4 different types of height adjustment:
   Clamp fixing, load capacity 200 kg
   Crank adjustment, load capacity 200 kg
   Electric height adjustment with 1 motor, load capacity 180 kg
   Electric height adjustment with 2 motors, load capacity 300 kg
- Delivery unassembled









#### Basic table depth 750 mm

Dimensions in mm (W x D x H): 1500 x 750 x 710-1055 mm

Item no.	Height adjustment	Worktop
PT4150KL75B	Clamp fixing	Beech multiplex
PT4150KU75B	Crank adjustment	Beech multiplex
PT4150E175B	Electric with 1 motor	Beech multiplex
PT4150E275B	Electric with 2 motors	Beech multiplex
PT4150KL75H	Clamp fixing	MDF with HPL coat
PT4150KU75H	Crank adjustment	MDF with HPL coat
PT4150E175H	Electric with 1 motor	MDF with HPL coat
PT4150E275H	Electric with 2 motors	MDF with HPL coat

#### Basic table depth 900 mm

Dimensions in mm (W x D x H): 1500 x 900 x 710-1055 mm

Item no.	Height adjustment	Worktop
PT4150KL90H	Clamp fixing	MDF with HPL coat
PT4150KU90H	Crank adjustment	MDF with HPL coat
PT4150E190H	Electric with 1 motor	MDF with HPL coat
PT4150E290H	Electric with 2 motors	MDF with HPL coat
PT4150KL90B	Clamp fixing	Beech multiplex
PT4150KU90B	Crank adjustment	Beech multiplex
PT4150E190B	Electric with 1 motor	Beech multiplex
PT4150E290B	Electric with 2 motors	Beech multiplex

#### Basic table depth 750 mm

Dimensions in mm (W x D x H): 2000 x 750 x 710-1055 mm

Item no.	Height adjustment	Worktop
PT4200KL75B	Clamp fixing	Beech multiplex
PT4200KU75B	Crank adjustment	Beech multiplex
PT4200E175B	Electric with 1 motor	Beech multiplex
PT4200E275B	Electric with 2 motors	Beech multiplex
PT4200KL75H	Clamp fixing	MDF with HPL coat
PT4200KU75H	Crank adjustment	MDF with HPL coat
PT4200E175H	Electric with 1 motor	MDF with HPL coat
PT4200E275H	Electric with 2 motors	MDF with HPL coat

#### Basic table depth 900 mm

Dimensions in mm (W x D x H): 2000 x 900 x 710-1055 mm

Item no.	Height adjustment	Worktop
PT4200KL90H	Clamp fixing	MDF with HPL coat
PT4200KU90H	Crank adjustment	MDF with HPL coat
PT4200E190H	Electric with 1 motor	MDF with HPL coat
PT4200E290H	Electric with 2 motors	MDF with HPL coat
PT4200KL90B	Clamp fixing	Beech multiplex
PT4200KU90B	Crank adjustment	Beech multiplex
PT4200E190B	Electric with 1 motor	Beech multiplex
PT4200E290B	Electric with 2 motors	Beech multiplex



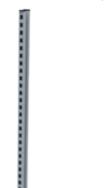
# Packing tables - workplace systems



## Combination with packaging table basic, width 2000 mm

POS	Item no.	Dimensions in mm (W x D x H)	Description
1	PT2075BU	2000 x 750 x 859	Packaging table basic, depth 750 mm, worktop beech multiplex 40 mm
2	03.935.125.240	H 1250	Support column 30 x 60 mm, left
	03.935.125.140	H 1250	Support column 30 x 60 mm, right
3	03.935.TR10L	1000	Crossbar, left, 1000 mm
4	03MONHAL	125 x 125 x 121	Monitor mount, is attached to the crossbar
5	03.910.320	1000 x 320 x 20	Shelf, Inlcination 0,10 and 20°
6	03.910.220	1000 x 220 x 20	Shelf, Inlcination 0,10 and 20°
7	PT10ROHAMW	1000 x 32	Unwind holder incl. mounting, without paper roll
8	PTTAAUFB320	598 x 300 x 95	Keyboard pull-out beneath shelf, for shelves depth 320 mm
9	07.89.06	250 x 550 x 500	PC holder H, for fixing under the worktop, adjustable width
10	PTFBXXXXXMLL50	900 x 650 x 100/515	Trolley with 5 dividers for cardboard boxed, 4 steering rollers with lock $\emptyset$ 50 mm, load capacity 120 kg, retrofittable

## New



## Support column profile 30 x 60 mm

- Reinforced by U-profile tube
- Thinner plate thicknesses on request
- Three support columns are required for installation on 2 m work surfaces
- Left column is also used as centre column

Item no.	Dimensions in mm
03.935.650.240	650 left
03.935.650.140	650 right
03.935.950.240	950 left
03.935.950.140	950 right
03.935.125.240	1250 left
03.935.125.140	1250 right



## Shelf depth 220 mm

Item no.	Dimensions in mm (W x D x H)	Usable dimensions in mm (W x D)
03.910.220	1000 x 220 x 20	914 x 218
03.915.220	1500 x 220 x 20	1414 x 218
03.920.220	2000 x 220 x 20	1864 x 218

## Shelf depth 320 mm

Item no.	Dimensions in mm (W x D x H)	Usable dimensions in mm (W x D)
03.910.320	1000 x 320 x 20	914 x 318
03.915.320	1500 x 320 x 20	1414 x 318
03.920.320	2000 x 320 x 20	1864 x 318

## Shelf depth 420 mm

Item no.	Dimensions in mm (W x D x H)	Usable dimensions in mm (W x D)
03.910.420	1000 x 420 x 20	914 x 418
03.915.420	1500 x 420 x 20	1414 x 418
03.920.420	2000 x 420 x 20	1864 x 418



## Keyboard pull-out beneath shelf

For shelf depth 320 and 420 mm

Item no.	Dimensions in mm (W x D x H)
PTTAAUFB320	598 x 300 x 95



#### Unwind holder, axis Ø 32 mm

Item no.	Width in mm
PT10ROHAMW	1000
PT15ROHAMW	1500



#### Crossbar

Item no.	Version
03.935.TR10L	1000 mm, left
03.935TR100	1000 mm, right
03.935TR150	1500 mm
03.935TR200D	2000 mm



## Monitor mount

■ For attachement to the crossbar

Item no.	Dimensions in mm (W x D x H)
03MONHAL	125 x 121 x 125



# Packing tables - workplace systems





## Combination with packaging table basic, width 1500 mm

POS	Item no.	Dimensions in mm (W x D x H)	Description
1	PT1575BU	1500 x 750 x 859	Packaging table basic, depth 750 mm, worktop beech multiplex 40 mm
2	03.935.125.240	H 1250	Support column 30 x 60 mm, left
	03.935.125.140	H 1250	Support column 30 x 60 mm, right
3	03.915.320	1500 x 320 x 20	Shelf, depth 320 mm
4	03.915.420G	1500 x 420	Shelf, perforted, for mounting between support columns
5	03.PT2956	H 250 mm	Bracket for shelf depth für 420mm
5	03.PT2957	H 450 mm	Bracket for shelf depth für 420mm
6	PT15ETHAMW	1500	Holder for label rolls
7	03.2018-02D	1383 x 735 x 40	Steel shelf, full depth

## Neu



#### Support column profile 30 x 60 mm

- Reinforced by U-profile tube
- Thinner plate thicknesses on request
- Three support columns are required for installation on 2 m work surfaces
- Left column is also used as centre column

Item no.	Dimensions in mm
03.935.650.240	650 left
03.935.650.140	650 right
03.935.950.240	950 left
03.935.950.140	950 right
03.935.125.240	1250 left
03.935.125.140	1250 right



Item no.	Dimensions in mm (W x D x H)	Usable dimensions in mm (W x D)
03.910.220	1000 x 220 x 20	914 x 218
03.915.220	1500 x 220 x 20	1414 x 218
03.920.220	2000 x 220 x 20	1864 x 218

## Shelf depth 320 mm

Item no.	Dimensions in mm (W x D x H)	Usable dimensions in mm (W x D)
03.910.320	1000 x 320 x 20	914 x 318
03.915.320	1500 x 320 x 20	1414 x 318
03.920.320	2000 x 320 x 20	1864 x 318

## Shelf depth 420 mm

Item no.	Dimensions in mm (W x D x H)	Usable dimensions in mm (W x D)
03.910.420	1000 x 420 x 20	914 x 418
03.915.420	1500 x 420 x 20	1414 x 418
03.920.420	2000 x 420 x 20	1864 x 418



## Shelf, perforated, for mounting between support columns

- Suitable for the use of brackets
- Adjustable in inclination and height
- Inclination 0°, 10° und 20°, inkl. Abrollrand
- Incl. mounting

Item no.	Dimensions in mm (W x D)
03.910.420G	1000 x 420
03.915.420G	1500 x 420
03.920.420G	2000 x 420

Item no.	Dimensions in mm (W x D)
03.910.620G	1000 x 600
03.915.620G	1500 x 600
03.920.620G	2000 x 600



#### Holder for label rolls

Item no.	Width in mm
PT10ETHAMW	1000
PT15ETHAMW	1500



## Bracket for shelves depth 420 mm

Item no.	Height in mm
03.PT2956	250
03.PT2957	450

#### Bracket for shelves depth 600 mm

Item no.	Height in mm
03.PT2954	250
03.PT2955	450

#### Scanner holder

- Maximum freedom of adjustment
- Suitable for standard industrial scanners
- Opening: 90 x 54 mm
- Max. scanner size (WxHxD): 89 x 55 x 125 mm
- Slats: 18 pieces, 15 mm width
- Housing: Solid plastic housing, steel bracket
- Delivery without scanner

Item no.	
PTSCHA100548	



## Accessories



POS	Item no.	Dimensions in mm (W x D x H)	Description
1	03.935.950.240	Н 950	Support column 30 x 60 mm, left
'	03.935.950.140	H 950	Support column 30 x 60 mm, right
2	03.920.320	2000 x 320 x 20	Shelf, depth 320 mm
3	03.920.620G	2000 x 600	Shelf, perforted, for mounting between support columns
4	03.PT2956	H 250 mm	Bracket for shelf depth für 420mm
4	03.PT2957	H 450 mm	Bracket for shelf depth für 420mm
5	03.983.105	2000 x 20 x 302	Perforated wall
6	03.PTWAAUSS	2000 x 750 x 40	Worktop with cut-out for table scale, please state the base area of the scale
7	03.PTWAHA		Table scale holder U-shaped for mounting under the worktop Please state the base area and height of the scale.



## Perforate wall

- 2000 mm perforated walls can only be attachted to setups wihtout an overhead frame, otherwise 2 x 1000 mm are required
- Steel plate, square perforation 10 x 10 mm

Item no.	Dimensions in mm (W x D x H)
03.983.101	700 x 20 x 302
03.983.103	1500 x 20 x 302
03.983.105	2000 x 20 x 302





#### Tablet wall mount with pivot arm

- Universally and flexibly applicable
- Optimum viewing distance thanks to individual table screen positioning
- Inclination: -6° to +46°; rotatable: 180°
- Colour: silver metallic

Item no.	Dimensions in mm (W x D x H)	Mounting
07.8934LW	95 x 225 x 170	Perforated wall
07.8934TR	93 X 223 X 170	Support column

## New



## Accessory set for swivelling workplace lights

2 pieces

Item no.	Height in mm	Suitable for
4016221000	80	LED lamp premium (page 319-322)
4016137000	80	LED lamp universal (page 318)



#### Standard pivot arm bracket | Support column

- For laternal mounting at support column
- For holding the pivot arm

Item no.	Version
07.98.02	For 40 x 40 x 2 mm pivot arm



## Pivot arm with monitor bracket

■ VESA 75 / 100 mm

Item no.	Dimensions in mm (W x D x H)
07.98.07	700 x 370 x 320





## Flat screen holder for perforated wall

VESA Standard

Item no.	Dimensions in mm (W x D x H)
07.45.21	160 x 30 x 210



## Energy duct with 2x earthed socket and 1x network port

For mounting under the worktop or on the support column

Item no.	Dimensions in mm (W x D x H)	
PTEK375	5 375 x 60 x 130	



## Pivot arm with shelf and ribbed rubber mat

Item no.	Dimensions in mm (W x D x H)
07.98.11	420 x 300 x 20



## Pivot arm with monitor brakcent and keyboard plattform

- VESA 75 / 100 mm
- Tray made of steel sheet

Item no.	Dimensions in mm (W x D x H)
07.98.15	700 x 370 x 320



## Swiveling monitor bracket, for attachement to the flat screen holder

■ VESA Standard

Item no.	Dimensions in mm (W x D x H)
07.45.22	125 x 75 x 125





# Packing tables - workplace systems

## Packing tables - Real world combinations



Item no.	Width in mm
03.PTACS15	1500
03.PTACS20	2000

#### **Hanging cabinet**

- Drawers with full pull-out 100 % load capacity 50 kg
- Drawer guides on ball bearing



■ 1 x drawer 150 mm

Item no.	Dimensions in mm (W x D x H)
53.150	531 x 500 x 215
38.150	381 x 500 x 215



■ 3 x drawer 100 mm

Iter	n no.	Dimensions in mm (W x D x H)
53	.300	531 x 500 x 365
38	.300	381 x 500 x 365



2 x drawer 200 mm

Item no.	Dimensions in mm (W x D x H)
44.011	531 x 500 x 465
38.011	381 x 500 x 465



■ 1 x hinged door 350 mm

Item no.	Dimensions in mm (W x D x H)
44.001	531 x 500 x 465



#### Support for hanging cabinets basic

- Mandatory for installation of hanging cabinets
- Beech multiplex
- Packing unit: 2 pieces

Item no.
03.5340.35



## Support for hanging cabinets comofort

- Mandatory for installation of hanging cabinets
- Packing unit: 2 pieces

Item no.	Suitable for table depth in mm
4XXXXX75TR	750
4XXXXX90TR	900

## **Packing tables accessories**

- Construction made of 45 x 45 mm square tube
- Feet made of aluminium profile 40 x 40 mm
- Worktop optionally: Beech mutliplex, glue laminated, oiled or



Side tabel height adjustable

■ Worktop beech multiplex, 40 mm

Item no.	Dimensions in mm (W x D x H)
4075KL75GB	750 x 750 x 710-1055
4075KL90GB	750 x 900 x 710-1055



- Clamp fixing, load capacity 200 kg
- Delivery unassembled

New



■ Worktop MDF with HPL coat, 40 mm

Item no.	Dimensions in mm (W x D x H)
4075KL75GH	750 x 750 x 710-1055
4075KL90GH	750 x 900 x 710-1055



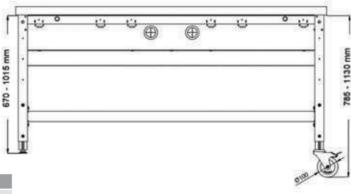


Item no.	Description
4XXXXXMBL100	2 x fixed caster, 2 x steering caster without lock
4XXXXXMLL100	4 steering caster, thereof 2 with locks



- Usable drawer dimensions: 450 x 400 mm
- Central lockinig
- Drawers with full pull-out100 %, load capacity each 50 kg
- Incl. roll-off edge
- 4 x steering caster Ø 80 mm, thereof mit 2 x mit Feststeller with lock

Item no.	Dimensions in mm (W x D x H)
46.021BR80	530 x 500 x 745





- Usable drawer dimensions: 450 x 400 mm
- Central lockinig
- Drawers with full pull-out100 %, load capacity each 50 kg
- Incl. roll-off edge
- 4 x steering caster Ø 80 mm, thereof mit 2 x mit Feststeller with lock

Item no.	Dimensions in mm (W x D x H)
46.220BR80	530 x 500 x 745

# Packing tables - workplace systems

## **Cutting stands**

- Cutting stand for cardboard, bubble wrap, foam film, etc.
- Easily exchangeable blade cartridge
- Circular blade for paper, corrugated cardboard, etc.
- Blade knife for foils, soft films and bubble wrap













## Unwind stand, mobile

- Max. weight per roll 200 kg
- Max. roll dia. 500 mm

Item no.	Cutting width x D x H in mm
07.23107	750 / 1000 x 600 x 400
07.23110	1000 / 1250 x 600 x 400
07.23112	1250 / 1500 x 600 x 400

#### Horizontal cutting stand, double

- Outlet height continuously adjustable
- Max. roll dia. 800 mm each
- Max. total weight 130 kg

Item no.	Cutting width x D x H in mm
07.26407	1120 x 850 x 1665
07.26410	1370 x 850 x 1665
07.26412	1620 x 850 x 1665
07.26416	1920 x 850 x 1665

## Attachment cutting device

Clamping range up to 70 mm

Item no.	Cutting width x D x H in mm
07.55107	750 / 1033 x 250 x 280
07.55110	1000 / 1283 x 250 x 280
07.55112	1250 / 1533 x 250 x 280







#### Horizontal cutting stand

- Outlet height continuously adjustable
- Max. roll dia. 800 mm
- Max. 100 kg

Item no.	Cutting width x D x H in mm
07.26207N	750 / 1120 x 850 x 1165
07.26210N	1000 / 1370 x 850 x 1165
07.26212N	1250 / 1620 x 850 x 1165
07.26216N	1600 / 1970 x 850 x 1165
07.26218N	1800 / 2170 x 850 x 1165

## Table cutting device

- Max. roll dia. 250 mm
- Max. 80 kg

Item no.	Cutting width x D x H in mm
07.25607	750 / 1000 x 341 x 340
07.25610	1000 / 1250 x 341 x 340
07.25612	1250 / 1500 x 341 x 340
07.25716	1600 / 1850 x 341 x 340

## Vertical cutting stand

- Max. roll dia. 800 mm
- Max. 200 kg

Item no.	Cutting width x D x H in mm
07.35110	1000 / 800 x 880 x 1295
07.35112	1250 / 800 x 880 x 1545
07.35116	1600 / 800 x 880 x 1895
07.35118	1800 / 800 x 880 x 2095
07.35120	2000 / 800 x 880 x 2295

Stable table design with levelling

Other workplace systems





#### Table scales, dual range

- Stainless steel weighing platform
- Substructure powder-coated. Reliable, extremely precise industrial
- Incl. evaluation unit 82B1, calibratable class III
- Can be used as table and wall unit
- Membrane keypad with 6x short-stroke key
- 1x strain gauge weighbridge can be connected
- 1x serial RS-232 onboard interface
- Integrated 230 V power supply
- Mains plug with 2 m cable
- Strain gauge weighing cell made of anodised aluminium alloy (IP66)
- 2 m measuring cable (fixed connection)
- EC-calibratable Class III
- Weighing range up to 60 kg/20 g

Item no.	Weighing platform in mm	Weighing range in kg	Increment in g
03.WA833B1	500 x 400	60	20

## Conformity assessment (HKB) for scales up to 60 kg

Item no.

03.WA114223

#### Counting scales 30kg/1g, non-calibratable

- ABS plastic housing
- Stainless steel weighing platform
- 3x LCD display, digit height 14 mm with blue backlight, membrane keyboard with tactile keys, numeric keypad and acoustic feedback
- Weighing functions: taring, counting, totalising, target weight checking
- Serial RS-232 interface, Sub-D socket for printer connection, acoustic-optical signal
- Optimisation of counting accuracy
- Memory for 200 reference weights
- Battery operation
- Plug-in power supply with 1.5 m cable
- Incl. transparent protective hood
- For counting parts from 0.8 g

Item no.	Weighing platform in mm	Weighing range in kg	Increment in g
03.WA200927	280 x 220	30	1









workalu workplace systems modular construction desk

# work zalu®



# General perks and advantages of aluminium profiles\*

- Modular, simple plug-in system for all requirements
- No drilling. The profiles are already cut to size and provided for easy self-assembly
- Non-magnetic or magnetisable
- The surface of the aluminium profile is anodised and therefore not electrically conductive. It serves as electrical insulation
- When correctly contacted, the aluminium profile has good electrical conductive. Contact is made via the front of the profile, which has no anodised layer
- Very light due to its low density of 2.71 g/cm³, which is about one about one third of the weight of steel
- Highly corrosion resistant
- Hygienic, easy to clean



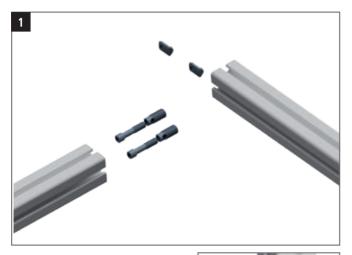


# Characteristics and advantages of the workalu® product series

- High combination variety due to the modular system
- Quick and easy combination of all tables and accessories
- Quick and easy profile shifting through corner connections, doublesided frames and add-on modules
- Extensive range of accessories, current accessories can be combined with the new workalu<sup>®</sup> series
- Position of the proviles variable and steplessly adjsutable

## How it works:

1 The sleeves with the screws are screwed into the profile grooves with a drill. The slot nuts are pushed into the groove of the profile to which the first profile ist to be screwed. 2 Then the screws are screwed into the slot nuts and tightened.





## Levelling:

The height of the workalu® 4-leg tables can be adjusted by 20 mm. Floor unevenness can thus be easily compensated for.



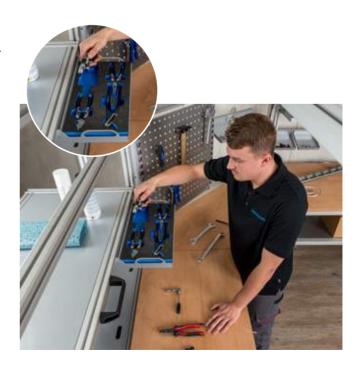
## Our solution

The workalu® has the ability to grow with the diversity of your workplace. Thanks to the flexibility of the aluminium profile and the numerous accessories, the workstation can be extended at any time. This allows for an perfectly optimized handling area, which is essential from an ergonomic point of view.

## Advantages:

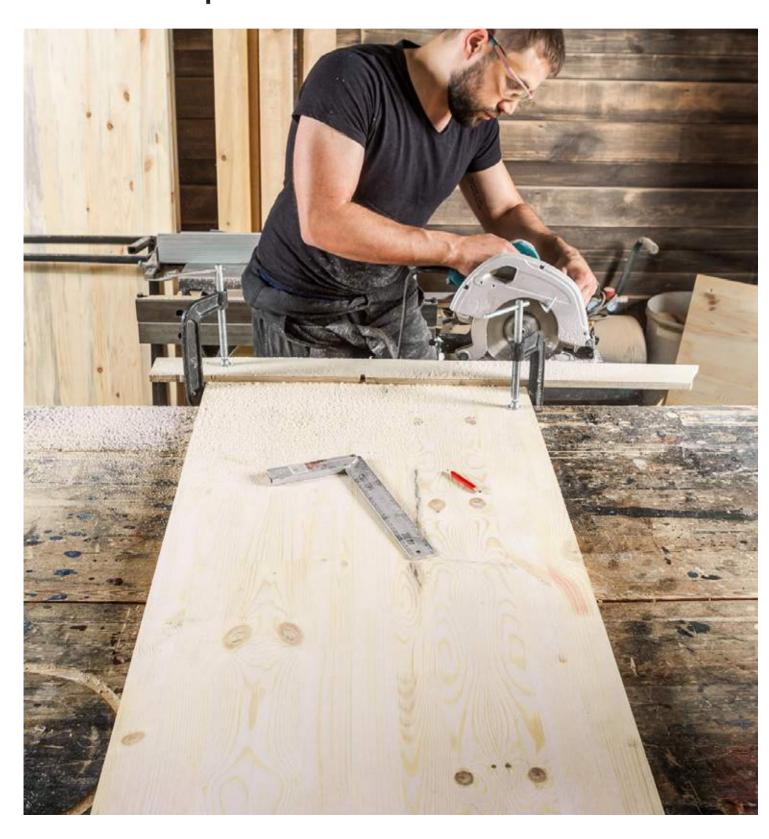
- Assembly times are reduced
- Ergonomic workplace design
- Modular and easily expandable
- Slim and timeless design

With workalu® workplaces adapt to the requirements of the user and not vice versa. It can be variably expanded and changed at any time. Only this variability and flexibility allows for highly optimised workflows. Static, unchangeable workplaces are a thing of the past.





# Worktops





Beech multiplex worktop | with steel edges

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Solid red beech worktop

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Workbench top end profiles and rear edge profile

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MDF worktops, plastic worktops

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Worktop connector

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Chipboard worktop and ESD conductive worktop

Page 431

# Worktops

## Beech multiplex worktop | with steel edges



## Beech multiplex worktop

- Glue laminated, oiledWater repellent
- Gluing according to EN 314-2

Top thickness (mm)	25	40	50
Dimensions in mm (WxD)	Item no.	Item no.	Item no.
750 x 600	03.7560.25	03.7560.40	03.7560.50
1000 x 600	03.1060.25	03.1060.40	03.1060.50
1250 x 600	03.1260.25	03.1260.40	03.1260.50
1500 x 600	03.1560.25	03.1560.40	03.1560.50
1750 x 600	03.1760.25	03.1760.40	03.1760.50
2000 x 600	03.2060.25	03.2060.40	03.2060.50
2500 x 600	03.2560.25	03.2560.40	03.2560.50
750 x 750	03.7575.25	03.7575.40	03.7575.50
810 x 750	03.81.25	03.81.40	03.81.50
1000 x 750	03.10.25	03.10.40	03.10.50
1250 x 750	03.125.25	03.125.40	03.125.50
1500 x 750	03.15.25	03.15.40	03.15.50
1750 x 750	03.1775.25	03.1775.40	03.1775.50
2000 x 750	03.20.25	03.20.40	03.20.50
2500 x 750	03.25.25	03.25.40	03.25.50
750 x 900	03.7590.25	03.7590.40	03.7590.50
1000 x 900	03.1090.25	03.1090.40	03.1090.50
1250 x 900	03.1290.25	03.1290.40	03.1290.50
1500 x 900	03.1590.25	03.1590.40	03.1590.50
1750 x 900	03.1790.25	03.1790.40	03.1790.50
2000 x 900	03.2090.25	03.2090.40	03.2090.50
2500 x 900	03.2590.25	03.2590.40	03.2590.50



## Beech multiplex worktop with cover

For automotive workshops, paint shops and welding work

With 1.5 mm thick galvanised steel cover, bolted on as an L-profile

Top thickness (mm)	40	50
Dimensions in mm (WxD)	Item no.	Item no.
810 x 750	A03.81.40	A03.81.50
1000 x 750	A03.10.40	A03.10.50
1250 x 750	A03.125.40	A03.125.50
1500 x 750	A03.15.40	A03.15.50
2000 x 750	A03.20.40	A03.20.50
2500 x 750	A03.25.40	A03.25.50
1000 x 900	A03.1090.40	A03.1090.50
1250 x 900	A03.12590.40	A03.12590.50
1500 x 900	A03.1590.40	A03.1590.50
2000 x 900	A03.2090.40	A03.2090.50
2500 x 900	A03.2590.40	A03.2590.50



# Beech multiplex worktop with cover For automotive workshops, paint shops and welding work

■ With recessed 1.5 mm stainless steel cover, bolted on as an L-profile

Top thickness (mm)	40	50
Dimensions in mm (WxD)	Item no.	Item no.
810 x 750	AE038140	AE038150
1000 x 750	AE031040	AE031050
1250 x 750	AE0312540	AE0312550
1500 x 750	AE031540	AE031550
2000 x 750	AE032040	AE032050
2500 x 750	AE032540	AE032550
1000 x 900	AE03109040	AE03109050
1250 x 900	AE031259040	AE031259050
1500 x 900	AE03159040	AE03159050
2000 x 900	AE03209040	AE03209050
2500 x 900	AE03259040	AE03259050



# Worktops

## Red beech, solid

## Solid red beech worktop

- Strip laminated
- Finger jointed
- Glued wood panel with distinctive grain



Top thickness (mm)	40	50
Dimensions in mm (WxD)	Item no.	Item no.
1000 x 600	03.1060.40RB	03.1060.50RB
1250 x 600	03.1260.40RB	03.1260.50RB
1500 x 600	03.1560.40RB	03.1560.50RB
2000 x 600	03.2060.40RB	03.2060.50RB
2500 x 600	03.2560.40RB	03.2560.50RB
810 x 750	03.81.40RB	03.81.50RB
1000 x 750	03.10.40RB	03.10.50RB
1250 x 750	03.125.40RB	03.125.50RB
1500 x 750	03.15.40RB	03.15.50RB
2000 x 750	03.20.40RB	03.20.50RB
2500 x 750	03.25.40RB	03.25.50RB
1000 x 900	03.1090.40RB	03.1090.50RB
1250 x 900	03.1290.40RB	03.1290.50RB
1500 x 900	03.1590.40RB	03.1590.50RB
2000 x 900	03.2090.40RB	03.2090.50RB
2500 x 900	03.2590.40RB	03.2590.50RB



## Beech multiplex worktop with steel edge

■ With recessed 3 mm steel edge, bolted on as an L-profile

Top thickness (mm)	40	50
Dimensions in mm (WxD)	Item no.	Item no.
1000 x 600	K03.1060.40	K03.1060.50
1250 x 600	K03.12560.40	K03.12560.50
1500 x 600	K03.1560.40	K03.1560.50
2000 x 600	K03.2060.40	K03.2060.50
2500 x 600	K03.2560.40	K03.2560.50
810 x 750	K03.81.40	K03.81.50
1000 x 750	K03.10.40	K03.10.50
1250 x 750	K03.125.40	K03.125.50
1500 x 750	K03.15.40	K03.15.50
2000 x 750	K03.20.40	K03.20.50
2500 x 750	K03.25.40	K03.25.50
1000 x 900	K03.1090.40	K03.1090.50
1250 x 900	K03.12590.40	K03.12590.50
1500 x 900	K03.1590.40	K03.1590.50
2000 x 900	K03.2090.40	K03.2090.50
2500 x 900	K03.2590.40	K03.2590.50

Workbench top end profiles and rear edge profile









## Workbench top end profiles, 3-sided

- Beech multiplex
- Height 120 mm
- Thickness 15 mm

Item no.	Dimensions in mm (WxD)
PA.7560.12	750 x 600
PA.1060.12	1000 x 600
PA.1260.12	1250 x 600
PA.1560.12	1500 x 600
PA.1760.12	1750 x 600
PA.2060.12	2000 x 600
PA.2560.12	2500 x 600
PA.7575.12	750 x 750
PA81	810 x 750
PA.1075.12	1000 x 750
PA.1275.12	1250 x 750
PA150	1500 x 750
PA.1775.12	1750 x 750
PA200	2000 x 750
PA250	2500 x 750
PA.7590.12	750 x 900
PA.1090.12	1000 x 900
PA.1290.12	1250 x 900
PA.1590.12	1500 x 900
PA.1790.12	1750 x 900
PA.2090.12	2000 x 900
PA.2590.12	2500 x 900

## Rear edge profile

- Beech multiplexHeight 120 mm
- Thickness 15 mm

Item no.	Dimensions in mm (width)
RPA75	750
RPA81	810
RPA100	1000
RPA125	1250
RPA150	1500
RPA175	1750
RPA200	2000
RPA250	2500

# Worktops

## MDF worktops, plastic worktops



## MDF worktop with 0.7 mm HPL coat | For assembly, shipping and laboratory

- HPL (high pressure laminate), also called "Resopal" is fire retarding as well as shock-, scratch- and abrasion-resistant
- 4-sided, ABS edging
- Heat and light resistant
- Stain-resistant, easy to clean and to desinfect
- Solvent resistant and largely chemical resistant

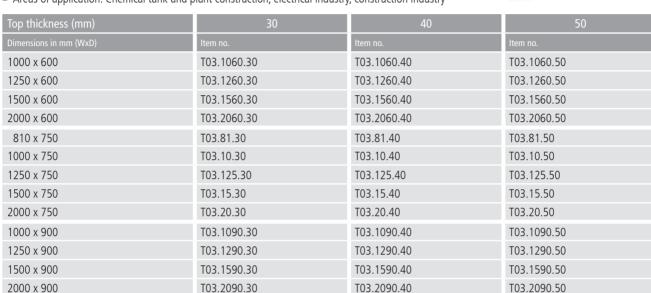
Top thickness (mm)	30	40	50
Dimensions in mm (WxD)	Item no.	Item no.	Item no.
750 x 600	H03.7560.30	H03.7560.40	H03.7560.50
1000 x 600	H03.1060.30	H03.1060.40	H03.1060.50
1250 x 600	H03.1260.30	H03.1260.40	H03.1260.50
1500 x 600	H03.1560.30	H03.1560.40	H03.1560.50
1750 x 600	H03.1760.30	H03.1760.40	H03.1760.50
2000 x 600	H03.2060.30	H03.2060.40	H03.2060.50
2500 x 600	H03.2560.30	H03.2560.40	H03.2560.50
750 x 750	H03.7575.30	H03.7575.40	H03.7575.50
810 x 750	H03.81.30	H03.81.40	H03.81.50
1000 x 750	H03.1075.30	H03.1075.40	H03.1075.50
1250 x 750	H03.1275.30	H03.125.40	H03.125.50
1500 x 750	H03.15.30	H03.15.40	H03.15.50
1750 x 750	H03.1775.30	H03.1775.40	H03.1775.50
2000 x 750	H03.20.30	H03.20.40	H03.20.50
2500 x 750	H03.25.30	H03.25.40	H03.25.50
750 x 900	H03.7590.30	H03.7590.40	H03.7590.50
1000 x 900	H03.1090.30	H03.1090.40	H03.1090.50
1250 x 900	H03.1290.30	H03.1290.40	H03.1290.50
1500 x 900	H03.1590.30	H03.1590.40	H03.1590.50
1750 x 900	H03.1790.30	H03.1790.40	H03.1790.50
2000 x 900	H03.2090.30	H03.2090.40	H03.2090.50
2500 x 900	H03.2590.30	H03.2590.40	H03.2590.50

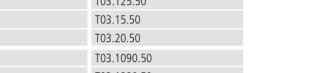
## MDF worktops, plastic worktops

Worktops

#### MDF worktop with 2.5 mm Trovidur coat

- With robust, hard-wearing 2.5 mm plastic coat
- 4-sided ABS edging
- Low flammability surface
- Very good electrical insulating properties
- High resistance to acids, lyes and salt solutions
- Areas of application: Chemical tank and plant construction, electrical industry, construction industry





#### Plastic worktop

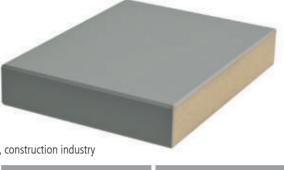
- Plastic worktop, pressed polyethylene PE 500
- Surface white
- Highly resistant to wear and abrasion
- Excellent chemical resistance
- Highly impact, cut and scratch-proof
- Low flammability
- Area of application: Assembly and automation technology
- Printing and textile industry, conveyor and storage technology

Top thickness (mm)	20	25	30
Dimensions in mm (WxD)	Item no.	Item no.	Item no.
1500 x 750	KUW03.15.20	KUW03.15.25	KUW03.15.30
2000 x 750	KUW03.20.20	KUW03.20.25	KUW03.20.30

#### Plastic worktop

- Worktop made from pressed reclaimed material
- Surface multicoloured/black
- Resistant to lyes and acids
- Area of application: Electroplating, bulk goods industry, food industry, paper industry

Top thickness (mm)	20	25	30
Dimensions in mm (WxD)	Item no.	Item no.	Item no.
1500 x 750	KUS03.15.20	KUS03.15.25	KUS03.15.30
2000 x 750	KUS03.20.20	KUS03.20.25	KUS03.20.30

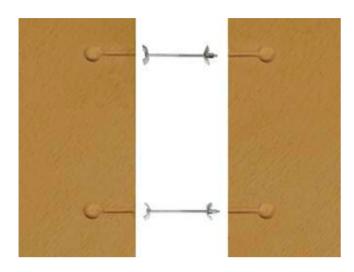






# Worktops

## MDF worktop and top connector





#### **Top-top connector**

With Lamello and two fixing clamps

03.00.32



## MDF worktop with 2.5 mm linoleum coat

- 4-sided ABS edging
- Easy to care
- Durable
- Antistatic
- Scratch resistant
- Due to the production process, a yellow patina may be visible at the beginning, which disappears again with time due to the influence of light
- Production, light and environmental influences may lead to colour differences and colour changes in the coating
- Made from purely natural raw materials, thus linoleum is very environmentally friendly in production, use and disposal
- Areas of application: technical, electrical and chemical works

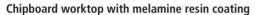
Top thickness (mm)	30	40	50
Dimensions in mm (WxD)	Item no.	Item no.	Item no.
1000 x 600	L03.1060.30	L03.1060.40	L03.1060.50
1250 x 600	L03.1260.30	L03.1260.40	L03.1260.50
1500 x 600	L03.1560.30	L03.1560.40	L03.1560.50
2000 x 600	L03.2060.30	L03.2060.40	L03.2060.50
2500 x 600	L03.2560.30	L03.2560.40	L03.2560.50
810 x 750	L03.81.30	L03.81.40	L03.81.50
1000 x 750	L03.10.30	L03.10.40	L03.10.50
1250 x 750	L03.125.30	L03.125.40	L03.125.50
1500 x 750	L03.15.30	L03.15.40	L03.15.50
2000 x 750	L03.20.30	L03.20.40	L03.20.50
2500 x 750	L03.25.30	L03.25.40	L03.25.50
1000 x 900	L03.1090.30	L03.1090.40	L03.1090.50
1250 x 900	L03.1290.30	L03.1290.40	L03.1290.50
1500 x 900	L03.1590.30	L03.1590.40	L03.1590.50
2000 x 900	L03.2090.30	L03.2090.40	L03.2090.50
2500 x 900	L03.2590.30	L03.2590.40	L03.2590.50

**Chipboard worktop and ESD conductive worktop** 









- 4-sided, ABS edging
- Chipboard carrier plate with direct coating
- Abrasion-resistant and easy to care for surface

Top thickness (mm)	28
Dimensions in mm (WxD)	Item no.
750 x 600	07.M7560.28
1000 x 600	07.M1060.28
1250 x 600	07.M12560.28
1500 x 600	07.M1560.28
1750 x 600	07.M1760.28
2000 x 600	07.M2060.28
750 x 750	07.M7575.28
810 x 750	07.M8175.28
1000 x 750	07.M1075.28
1250 x 750	07.M12575.28
1500 x 750	07.M1575.28
1750 x 750	07.M1775.28
2000 x 750	07.M2075.28
2500 x 750	07.M2575.28
750 x 900	07.M7590.28
1000 x 900	07.M1090.28
1250 x 900	07.M12590.28
1500 x 900	07.M1590.28
1750 x 600	07.M1790.28
2000 x 900	07.M2090.28
	Dimensions in mm (WxD)  750 x 600  1000 x 600  1250 x 600  1500 x 600  1750 x 600  2000 x 600  750 x 750  810 x 750  1250 x 750  1250 x 750  1250 x 750  2000 x 750  2500 x 750  750 x 900  1000 x 900  1500 x 900  1750 x 600



## **ESD** conductive worktop

- Surface made from conductive HPL laminate
- Suitable for all electrostatically sensitive areas
- Surface RAL 7035



Top thickness (mm)	30
Dimensions in mm (WxD)	Item no.
750 x 600	07.E7560.30
1000 x 600	07.E1060.30
1250 x 600	07.E12560.30
1500 x 600	07.E1560.30
1750 x 600	07.E1760.30
2000 x 600	07.E2060.30
750 x 750	07.E7575.30
810 x 750	07.E8175.30
1000 x 750	07.E1075.30
1250 x 750	07.E12575.30
1500 x 750	07.E1575.30
1750 x 750	07.E1775.30
2000 x 750	07.E2075.30
2500 x 750	07.E2575.30
750 x 900	07.E7590.30
1000 x 900	07.E1090.30
1250 x 900	07.E12590.30
1500 x 900	07.E1590.30
1750 x 900	07.E1790.30
2000 x 900	07.E2090.30



# $ESD_{\, \text{Electro} \text{\bf S} \text{tatic} \text{\bf D} \text{ischarge}}$





Overview Page 434



Measuring and test devices Page 438



ESD-workergo Page 440



ESD-workraster Page 443



ESD-workline Page 444



EDS accessories Page 445



ESD parts trolley Page 452



ESD chairs Page 453



## **Overview**

#### **ESD**

**ESD** stands for electrostatic discharge. A large potential difference causes a spark or disruptive discharge, which produces high electric voltage pulses in electronic devices.

Humans first feel an electrostatic charge from 3000 volts, and in most cases the discharge is harmless, with the moment of shock being the worst part.

#### When is ESD dangerous?

Sparking can already occur at 10000 volts and can cause explosions if flammable liquids or gases are being handled. Static electricity is produced, for example, when running on a carpeted floor, whereby a person can become charged to approx. 30000 volts in some cases.

The effects of ESD are insidious, meaning that the damage is not immediately visible, and the causer often does not notice it. The consequences can become costly, especially if the assembly is installed in devices for sensitive applications. Sensitive components can be destroyed from just 40 volts.

#### EPA offers protection against ESD!

**EPA** = Electrostatic Protected Area

A work area equipped with ESD protective measures where electrostatically sensitive components can be handled without damaging them.

A comprehensive EPA protection area includes the following areas:

- Workstation
- Personal grounding
- Tools
- Markings
- Measurement technology
- Storage/containers
- Flooring

The ESD standard DIN EN 61340-5-1 applies to electronics production facilities.

All products listed here comply with this standard.



#### Four golden rules for dealing with ESD

- 1. Always presume that all active components are ESD-sensitive.
- Only touch electronic components in ESD protection areas (EPA) and then only when you are properly grounded.
- **3.** Store and transport ESD-sensitive components in ESD protective containers.
- **4.** Regularly check the ESD protection system.

Observe the principle "No charge, no discharge".

Making as few movements as possible and using ESD-safe equipment reduces the risk of a static charge on people to a minimum.



## **ESD GLOSSARY**



#### Bleeder resistance:

Measurement between an earthing point and the electrodes on a surface. **Antistatic**:

The "electrostatic charge reduction property", could be a special type of plastic, for example.

#### Workstation

The ESD-protected workstation should be ergonomically adaptable. Electrostatic charge is dissipated via the worktop and a earthing cable so that the workstation remains charge-neutral.



#### Dissipative:

Surface resistance of materials between  $10^5$  and  $10^{12} \Omega$ .

E

#### EPA:

Electrostatic protected area, a work area where electrostatically sensitive components can be handled without damaging them.

#### Earthing:

Discharge of electric currents into the ground.

#### Earthing point:

Central point (e.g. on a worktop) that is connected to the building's earthing.

#### ESD:

The phenomenon of electrostatic discharge.

#### ESDS:

Electrostatic discharge sensitive devices.

F

#### **Flooring**

The flooring should be conductive and comply with the required limit values specified in DIN EN 61340-5-1. When cleaning ESD flooring, use only cleaning agents that do not form layers so that the conductivity values remain within the desired range. If only individual workstations are set up as EPAs, ESP floor mats or tiles can also be earthed.



#### IC:

Integrated circuit, microchip, e.g. microprocessor.

#### Ionisation:

Removal of charged particles (e.g. electrons) from a material such as air. Ionisation devices can neutralise electrostatic charges by distributing ionised air.

#### Isolator:

Materials that have a high surface resistance of at least  $10^{12}\,\Omega$ . Static charges remain in a part of these materials for a long time without discharging (plastic, glass, air).



#### Storage/containers

Conductive ESD shelving and containers for transporting and storing components protect endangered components. Assembly trolleys should be fitted with conductive wheels.

#### Conductivity:

Ability of a material to conduct electrical current, e.g. metals.



#### Markings

Markings on the flooring indicate ESD protection areas. Signs and labels indicating potentially endangered components and assemblies are also important.

#### Measurement technology

Protective device must be metrologically tested regularly. When entering an EPA, measurements and regular personal inspections must be performed. Work benches, floor mats and earthing connections should be checked monthly and ESD monitoring instruments should be checked annually.

The respective bleeder resistances should have the following values: Worktop: between 7.5 x  $10^5 \Omega$  and  $10^9 \Omega$ , Flooring: less than  $10^9 \Omega$ , Chair/standing aid: less than  $10^{10} \Omega$ , Tool: less than  $10^{12} \Omega$ .



#### Standards:

IEC 61340-5-1 Protection of electronic devices from electrostatic phenomena - General requirements

IEC 61340-5-2 Protection of electronic devices from electrostatic phenomena - User quide

IEC 61340-4-1 Electrical resistance of floor coverings and installed floors ANSI/ESD S20.20.-1999 Protection of Electrical and Electronic Parts, Assemblies and Equipment

ANSI/ESD S541-2003 Packaging materials for ESD sensitive items



#### Surface resistance:

Resistance between two points on a surface, measured using a megohmmeter and two electrodes.



#### Personal grounding

People are the main source of electrostatic charges. Shoes and a wrist strap with an earthing cable should be mandatory for employees in electronics production. Wrist strap and shoe testers facilitate the daily inspection of EPA effectiveness. The chair or standing aid should also have ESD protection.



#### Current:

Unit [A] ampere, formula symbol: I, flow of (mostly negative) charge carriers.

#### Voltage:

Unit [V] volt, formula symbol: U, maintains the electrical current in a closed circuit and is thus the cause for the flow of current.



#### Resistance:

Unit  $[\Omega]$  Ohm, formula symbol: R, indicates what voltage is required to cause a particular current to flow through an electrical conductor.



## **Overview**

#### **ESD**

To be able to ensure the reliability and quality of current electronic products, it is necessary to observe the most important **HANDLING REGULATIONS** when processing electrostatic discharge sensitive devices (ESDS):

- 1. ESDS may only be processed at electrostatic protection workstations (EPA)!
- 2. Ensure a constant "smooth" potential equalisation!
- 3. Ensure personal grounding via wrist and shoe earthing!
- 4. Ensure conductive, closed clothing!
- 5. Avoid electrostatic chargeable materials such as normal PE, PVC, polystyrene, etc.!
- 6. ESDS must not be exposed to electrostatic fields > 100 V/cm!
- 7. Only use labelled and defined packaging and transport materials!
- 8. Employee training!

#### Standard colours

All ESD products on pages 440-444 have an eco-friendly, conductive powder coating.

Here you can see our 7 standard colours, which may deviate slightly from the standard RAL colours due to the pigmentation.



RAL 3003 Ruby red



RAL 5010 Gentian blue



RAL 5012 Light



Light grey



RAL 7038 Agate grey



RAL 9005 Jet black

#### ESD guidelines at a glance: DIN EN 61340-5-1

Last updated in July 2017, DIN EN 61340-5-1 is the standard dealing with electrostatic charge in connection with technical devices. Official title of this ESD standard: "Protection of electronic devices from electrostatic phenomena". As part of the international series of standards 61340, which deals with electrostatics in all areas, it is of significance for many industrial companies. Essentially, DIN EN 61340-5-1 contains the requirements that companies must place on their design, concept, creation, setup and maintenance processes for the effective management of electrostatic charges.

The requirements formulated are directly related to electrical parts, components or devices that are manufactured, further processed, packaged, operated or handled in any other way and that can be damaged by electrostatic charges. Adherence to ESD guidelines for companies with sensitive production areas such as clean rooms is of particular importance. Sources of electrostatic charge are also considered in DIN EN 61340-5-1. For example, certain material combinations, gases, impurities or the employees themselves unknowingly produce such charges.

#### Standard-compliant industrial chairs ensure product safety

In clean rooms compliance with such ESD guidelines should always have top priority. It therefore not only makes sense to orient clean room chairs and industrial chairs to this requirement, but also to prevent the occurrence of electrostatic charges to the greatest extent possible by means of suitable further measures. Companies from the electrical industry should already have a great operational interest in implementing such standards, e.g. DIN EN 61340-5-1, as precisely as possible and striving for their optimal integration into operational workflows.

#### PGT®120 Personnel Grounding Tester

- Tests personal bleeder resistances for wrist strap and footwear grounding systems to monitor access to electrostatic protection areas
- The test result is signalled visually and audibly. An additional potential-free relay contact makes it possible to control a door opener or turnstile, for example, to control access
- Voltage is supplied by an integrated battery or a plug-in power supply
- Tests wrist strap grounding
- Simultaneous testing of right and left shoe possible thanks to separate measuring circuits
- In combination with entry control systems (e.g. turnstiles), footwear measurements can be performed in hands-free mode without pressing the button
- Test voltage 30, 50 or 100 volts (standard setting)
- The lower limit values can be deactivated
- Can be used as a table-top or wall-mounted device (as a wall-mounted device, the optional wall bracket is required)
- Limit values can be adjusted using a DIP switch





Scope of delivery: Footwear testing electrode, works calibration certificate, instructions for use (German/English), 9 V battery, 230 V AC plug-in power supply

	Item no.	Туре
1	EPGT120	Personnel Grounding Tester PGT®120
	EPGT120.WK	Wall bracket for PGT®120 and PGT®120.COM made of stainless steel (not illustrated)

#### **Personnel Grounding accessories**

	Item no.	Туре
2	EPGT120.CU.12	Calibration unit for PGT®120 and PGT®120. COM for on-site testing, incl. works calibration certificate for PGTs with 12 dip switches
3	EPGT120.12.S	Test station mat with yellow leading edge



#### **PGTest Station**

- Powder coating in the colours depicted
- Test station for the PGT®120
- Dimensions: 590 x 730 x 1700 mm (W x D x H)
- PGT®120 not included in the scope of delivery

Item no.	Туре
EPGT120.TEST	PGTest Station for PGT®120 / PGT®120.COM with magnetic document holder made of IDP-STAT-PVC in A3

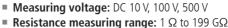


# Measuring and test devices

#### METRISO® B530 measuring lit

#### Metriso® B530 - MEASURING KIT

- For measuring point-to-point and bleeder resistances in accordance with DIN EN 61340-4-1 and DIN EN 61340-2-3 (VDE 0300, Part 4-1 / 2-3)
- For measuring the system resistance of human/footwear/flooring systems in accordance with DIN EN 61340-4-5 (VDE 0300, Part 4-5)
- Additional low-ohmic measuring range of 1  $\Omega$  10 k $\Omega$  for testing earthing measures, digital and analogue measurement display, as bar graph or pointer
- Optical signalling of the voltage measuring range with red and green LED
- External voltage detection with red LED



■ Mode of operation: Battery operation

■ Electrodes: 2x model 870: 1x hand electrode — model 45 1x extension set for electrode 870

■ **Dimensions:** 225 x 130 x 140 mm (WxDxH)

■ Weight (complete KIT): 9 kg







Electrode model 870



Extension set for electrode

#### Measuring and test instrument Metriso® B530

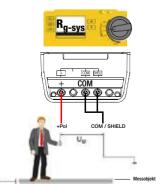
2x measuring electrode model 870 according to DIN EN 61340-4-1/2-3

- 1x hand electrode model 45 according to DIN EN 61340-4-5
- 1x extension set for electrode 870
- Conductive carry case

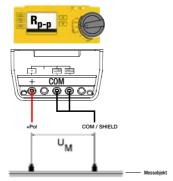
Item no.	Туре
EB530.MK	Metriso® B530 complete measuring kit
ES530.G	Metriso® B530 measuring instrument with measuring cables



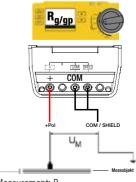
Item no.	Туре
E2000.TR50	Cable drum 50 m, with unwinder for ground measurements
E2000.ML	Spare measuring cable set (com/shield + positive cable)



Measurement: R<sub>G syst</sub> Personal bleeder resistance (human/shows/flooring) to protective earth



Measurement: R<sub>p.p</sub> Point-to-point resistance



Measurement: R<sub>G</sub> Bleeder resistance to protective earth

SRM®200 ESD workplace systems



Handheld meter for testing **conductive surfaces**. Test values displayed on LCD display. Delivery includes conductive carry case, earthing cable, USB cable, works calibration certificate and readout software for stored test data.

■ Measuring range: 10³ - 10¹² ohm

■ Measuring voltage: Open-circuit voltage 100 V

■ Mode of operation: Battery operation

■ **Display:** LCD display

■ Electrodes: Bar electrode with conductive rubber

■ With data storage and USB interface to PC

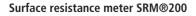
■ Connection of 2 external electrodes possible





Example application





Item no.	Туре
ESRM200.K	Handheld meter with case



#### Veribox

- The Veribox contains resistors for testing high-resistance measuring devices prior to use
- 3 different resistors for testing measuring devices
- Each resistance has a separate plug connection

E7100.VB2		



# **ESD** workplaces

## C-foot workergo with basic frames - conductive









#### ■ ESD conductive worktop, 30 mm

Item no.	Dimensions in mm (WxDxH)
E07.24.15.30	1500 x 750 x 30
E07.24.20/30	2000 x 750 x 30

#### C-foot basic frame

■ Conductive, powdered





ı	Item no.	Dimensions in mm (W x D x H)
	EC150KL75G	1500 x 750 x 670 — 1015
	EC200KL75G	2000 x 750 x 670 – 1015





Item no.	Dimensions in mm (W x D x H)
EC150KU75G	1500 x 750 x 670 — 1015
EC200KU75G	2000 x 750 x 670 — 1015





Item no.	Dimensions in mm (WxDxH)
EC150E175G	1500 x 750 x 670 — 1015
EC200E175G	2000 x 750 x 670 — 1015





Item no.	Dimensions in mm (WxDxH)
EC150E275G	1500 x 750 x 670 – 1015
EC200E275G	2000 x 750 x 670 – 1015

## 4-foot workergo with basic frames - conductive











Item no.	Dimensions in mm (WxDxH)
E07.24.15.30	1500 x 750 x 30
E07.24.20/30	2000 x 750 x 30
E03.1590.30	1500 x 900 x 30
E03.2090.30	2000 x 900 x 30

- 4-foot basic frame
- Conductive, powdered

Clamp fixing	Item no.	Dimensions in mm (WxDxH)
- T.	E4150KL75G	1500 x 750 x 670 — 1015
200	E4200KL75G	2000 x 750 x 670 – 1015
1	E4150KL90G	1500 x 900 x 670 — 1015
Ψ	E4200KL90G	2000 x 900 x 670 — 1015
Crank adjustment	Item no.	Dimensions in mm (WxDxH)
<b>.</b>	E4150KU75G	1500 x 750 x 670 — 1015
kg 200	E4200KU75G	2000 x 750 x 670 — 1015
	E4150KU90G	1500 x 900 x 670 — 1015
	E4200KU90G	2000 x 900 x 670 — 1015
Electric height adjustment, 1 motor	Item no.	Dimensions in mm (WxDxH)
		, ,
	E4150E175G	1500 x 750 x 670 — 1015
kg 180	E4150E175G E4200E175G	
kg 180		1500 x 750 x 670 – 1015
kg 180	E4200E175G	1500 x 750 x 670 – 1015 2000 x 750 x 670 – 1015
kg 180	E4200E175G E4150E190G	1500 x 750 x 670 - 1015 2000 x 750 x 670 - 1015 1500 x 900 x 670 - 1015
Electric height adjustment, 2 motors	E4200E175G E4150E190G E4200E190G	1500 x 750 x 670 - 1015 2000 x 750 x 670 - 1015 1500 x 900 x 670 - 1015 2000 x 900 x 670 - 1015
	E4200E175G E4150E190G E4200E190G Item no.	1500 x 750 x 670 — 1015 2000 x 750 x 670 — 1015 1500 x 900 x 670 — 1015 2000 x 900 x 670 — 1015 Dimensions in mm (WxDxH)
Electric height adjustment, 2 motors	E4200E175G E4150E190G E4200E190G Item no. E4150E275G	1500 x 750 x 670 - 1015 2000 x 750 x 670 - 1015 1500 x 900 x 670 - 1015 2000 x 900 x 670 - 1015 Dimensions in mm (WxDxH) 1500 x 750 x 670 - 1015



# **ESD** workplaces

#### C-foot table – conductive









- Worktop, conductive, 1500 x 750 x 30 mm
- Height adjustment by crank
- Energy board with 2x 2 earthed sockets, 1x network socket, 1x compressed air 1/4"
- Load capacity 200 kg

Item no.	Dimensions in mm (WxDxH)
ESDC150KU75G	1500 x 750 x 700 — 1045

#### 2 Parts trolley

- ESD version, 4x steering caster, thereof 2 with locks, Ø 125 mm
- 1x shelf 320 mm, 1x container strip with boxes
- 12x box: 210 x 330 x 200 mm
- 6x box: 150 x 230 x 125 mm

Item no.	Dimensions in mm (WxDxH)
E07.8310.08K	1000 x 800 x 1476

#### 3 Rotary plate with locking mechanism

- With ribbed rubber mat
- With locking mechanism every 45°

Item no.	Dimensions in mm
E07.60.31	Ø 380, conductive
E07.60.32	Ø 500, conductive













#### workergo C-foot

- Conductive, powdered
- Worktop, conductive, 1500 x 750 x 30 mm
- Height-adjustable

#### Multi-board setup

- 2x support column
- 1x perforated wall
- 2x shelf 220 mm, 1x shelf 320 mm
- Pivot arm with keyboard platform, pivot arm with shelf
- Overhead frame with equipment rail and lighting 2x 36W

	 5 5		•
Item no.	D	imensions in mm (WxDxH)	Height adjustment
EC150KL75-05	1	500 x 750 x 700 – 1045	Clamp fixing, load capacity 200 kg
EC150KU75-05	1	500 x 750 x 700 — 1045	Crank adjustment, load capacity 200 kg
EC150E175-05	1	500 x 750 x 700 – 1045	Electric, 1 motor, load capacity 180 kg
EC150E275-05	1	500 x 750 x 700 – 1045	Electric, 2 motors, load capacity 300 kg





#### 4-foot table – conductive

■ Worktop, conductive, 1500 x 750 x 30 mm

workergo 4-foot Conductive, powdered

■ Height-adjustable

Multi-board setup 2x support column

2x perforated wall ■ 1x shelf, 320 mm ■ 1x pivot arm with shelf ■ 1x pivot arm with laptop shelf

#### ESD workplace systems



Item no.	Dimensions in mm (WxDxH)	Height adjustment
E4150KL75-04	1500 x 750 x 700 — 1045	Clamp fixing, load capacity 200 kg
E4150KU75-04	1500 x 750 x 700 — 1045	Crank adjustment, load capacity 200 kg
E4150E175-04	1500 x 750 x 700 — 1045	Electric, 1 motor, load capacity 180 kg
E4150E275-04	1500 x 750 x 700 – 1045	Electric, 2 motors, load capacity 300 kg











#### workraster

- Conductive, powdered
- Worktop, conductive, 1500 x 750 x 30 mm

#### Multi-board setup

- 2x support column
- 1x energy board with 4x earthed sockets
- 2x perforated wall
- 1x shelf, 320 mm
- Overhead frame with equipment rail and lighting 2x 36W





Item no.	Dimensions in mm (WxDxH)
E07.899.01	1500 x 800 x 2070

# **ESD** workplaces

#### **Basic tables - conductive**









#### workline basic table, 1500 mm

- Conductive, powdered
- Worktop, conductive, 1500 x 750 x 30 mm
- Height-adjustable

#### Multi-board setup

- 2x support column
- 1x magnetic wall
- 1x perforated wall
- 2x inclinable shelf 320 mm
- Overhead frame with equipment rail and lighting 2x 36W



Item no.	Dimensions in mm (WxDxH)	Height adjustment
E07.75.KLMW	1500 x 750 x 765 – 1135	Clamp fixing, load capacity 200 kg
E07.75.KUMW	1500 x 750 x 765 – 1135	Crank adjustment, load capacity 200 kg
E07.75.KHEMW	1500 x 750 x 765 – 1135	Electric, 1 motor, load capacity 180 kg







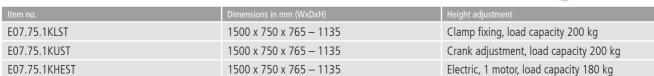


#### workline basic table, 1500 mm

- Conductive, powdered
- Worktop, conductive, 1500 x 750 x 30 mm
- Height-adjustable, tabletop form 765 1135 mm

#### 1x superstructure frame

- 1x tripod with 2x earthed sockets and 1x halogen lamp
- 1x pivot arm with shelf
- 1x pivot arm with perforated/slotted wall
- 1x footrest







# bedrunka+hirth

#### **ESD-secured workstation**

**ESD** workplace systems





1



Connection examples for earthing terminal strip on

#### Table cover

■ 610 x 1220 mm (WxD)

E07.24.03

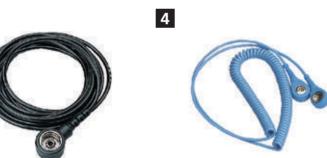


#### **Earthing module**

- With 2 m smooth cable
- 4 mm eyelet, without resistance

3

E07.24.21



#### Earthing cable, 1.5 m

- For table/floor coverings, 1 MOhm safety
- 10 mm snap fastener/4 mm eyelet, 3 m

E07.24.07



7

#### Spiral cable

- Highly elastic, 2.4 m long, 2x 1 MOhm safety resistance
- Earthing contact connection: 10 mm snap
- Typical resistance R = 2x 10<sup>6</sup> Ohm

E07.24.04



4 5

#### **Earthing box**

5

- As earth bonding point (EBP) for personal grounding, earthing cable
- 2 m long, connection type: 4 mm eyelet, 1 MOhm safety resistor per connection
- 2x 10 mm snap fastener connection
- 1x 4 mm safety socket

E07.24.22



#### Wrist strap

3 mm snap fastener

Item no.

E07.24.02



#### Floor mat

- Ecostat® Mega 3.5 Rubber
- 1220 x 2500 x 3.5 mm (W x D x H)

E07.24.08



#### **Earthing terminal strip**

E07.24.09

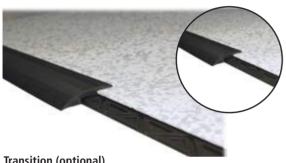
# Floor coverings

#### **ECOSTAT®** standard floor mats

#### Flooring material for DIY loose laying

Two-layer composite tile flooring

- Volume conductive
- Abrasion-resistant
- Conductive, elastic backing, adapts to the substrate
- Backing with waffle structure for installation on problematic substrates (e.g. residual moisture)
- Suitable for chair castors
- Suitable for forklifts
- Reusable
- Self-laying | Easy laying thanks to click system
- Easy handling using woodwork tools
- Can be walked on during laying, therefore very short downtimes
- Colour: Grey
- Typical bleeder resistance  $R_{gp} = 10^4 10^5$  ohm



#### Transition (optional)

Adhesive, easy laying thanks to click system

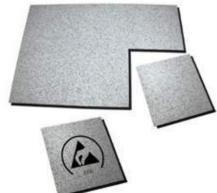
Item no.	Standard dimension in mm	Packaging unit
E1310PF701R	1220 x 65	1



#### Corner joint (optional)

Adhesive

Item no.	Standard dimension in mm	Packaging unit
F1310PF701RFS	711 x 65	2



#### Puzzle tile

Item no.	Dimensions in mm (WxDxH)	Packaging unit
E1310.PF.701	469 x 469 x 8.5	12
E1310.PF.ESD	469 x 469 x 8.5 with ESD logo	1

#### Standard floor mat

Rounded corners

Max. roll length 10 m



#### ECOSTAT® Mega - 3.5 Rubber

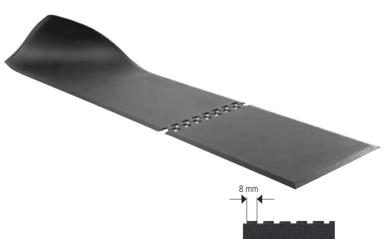
Adhesive

Item no.	Dimensions in mm (WxDxH)
E1250.681	1220 x 1650 x 3.5
E07.24.08	1220 x 2500 x 3.5

#### ECOSTAT® PR - 2.0

Adhesive

Item no.	Dimensions in mm (WxDxH)
E1250.7004.L	1500 x 2000 x 2



#### **ECOSTAT®** anti-fatigue mats

- Improved walking, turning and standing properties
- Tread can be quickly extended as desired using puzzle technology
- Customer-specific dimensions also possible lateral and longitudinal directions with puzzle technology
- Smallest configuration: 2 end tiles
- Blister diameter: 8 mm

Item no.	Dimensions in mm (WxDxH)
E06500940VE	End tile: 650 x 940 x 13 incl. 10 mm snap fastener
E06500910VM	Middle tile: 650 x 910 x 13
E307.B1.Z	Custom size on request

# bedrunka+hirth

ECOSTAT® table mat ESD workplace systems

- Two-layer composite flooring
- Rugged synthetic rubber
- Resistant to solder and heat
- Abrasion-resistant
- Halogen-free
- Permanently elastic



- Material thickness: 2 mm
- Typical bleeder resistance  $R_{qp} = 10^6 10^7$  ohm
- Includes: 2x 10 mm snap fastener,
- \*Rounded corners (radius approx. 43 mm)







#### Table cover

Item no.	Colour	Dimensions in mm (WxD)
E1402.665.L*	Light blue	610 x 1220
E1402.665.S*	Light blue	610 x 900
E1402.665.R	Light blue	Rolls: 1220 x 10000



#### Table cover

Item no.	Colour	Dimensions in mm (WxD)
E1402.662.L*	Beige	610 x 1220
E1402.662.S*	Beige	610 x 900
F1402.662.R	Reige	Rolls: 1220 x 10000

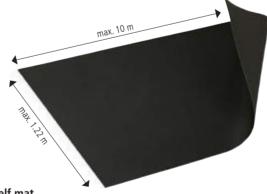
#### **ECOSTAT®** shelf mat



#### Anti-slip covering

- Anti-slip profile in transverse and longitudinal direction on both sides
- Permanently dissipative due to carbon
- Covering for transport trolleys and shelves
- Profiled, wear-resistant synthetic rubber
- Material thickness: 2 mm

Item no.	Colour	Dimensions in mm (WxD)
E1453.7300.R	Black	Rolls: 1220 x 10000



#### Shelf mat

- Two-layer composite flooring
- Rugged synthetic rubber
- Resistant to solder and heat
- Abrasion-resistant
- Halogen-free
- Permanently elastic
- Volume conductive
- Material thickness: 1.5 mm
- Typical bleeder resistance  $R_{op} = 10^6 10^7$  ohm



Item no.	Colour	Dimensions in mm (WxD)
E1452.659.R	Black	Rolls: 1220 x 10000



# **Storage systems**

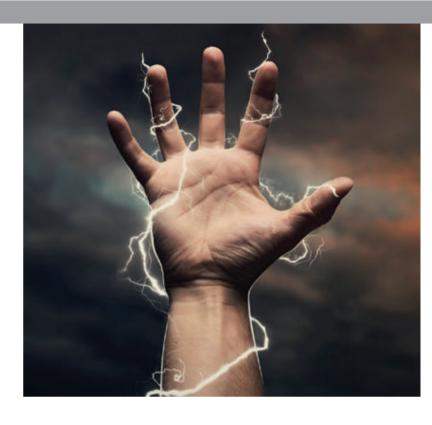
#### Open fronted storage bins

#### Open fronted storage bins - conductive

- Carbon-loaded, permanently volume conductive polypropylene
   Improved removal opportunity due to rounded corners
- With ESD labelling
- Typical surface resistance  $R_{qp} = 10^4 10^5$  ohm





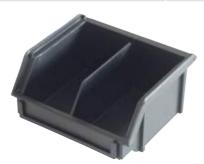


Item no.	External dimensions in mm (WxDxH)	Internal dimensions in mm (WxDxH)	Usable height/stack in mm	Packaging unit
E5320.FA3Z	200 x 350 x 145	182 x 280 x 127	127	12
E5320.FA4	145 x 235 x 125	127 x 180 x 108	108	25
E5320.FA5	100 x 175 x 75	87 x 129 x 67	67	42



#### ■ E5320.2 and E5320.3 include a handle

Item no.	External dimensions in mm (WxDxH)	Internal dimensions in mm (WxDxH)	Usable height/stack in mm	Packaging unit
E5320.2	300 x 500 x 200	280 x 425 x 183	183	6
E5320.3	200 x 350 x 200	182 x 280 x 185	185	8
E5320.3Z	200 x 350 x 145	182 x 280 x 127	127	12
E5320.4	145 x 235 x 125	127 x 180 x 108	108	27
E5320.5	100 x 175 x 75	87 x 129 x 67	67	40
E5320.6	100 x 95 x 50	87 x 60 x 44	44	50



#### ■ With separator

Item no.	External dimensions in mm (WxDxH)	Internal dimensions in mm (WxDxH)	Usable height/stack in mm	Packaging unit
E5320.6D	100 x 95 x 50	87 x 60 x 44	44	50

#### **Open fronted storage bins**

#### ESD workplace systems

#### IDP-STAT® open fronted storage bins – conductive

- Permanently volume conductive polypropylene
- Made of Inherently Dissipative Polymer (IDP-STAT®)
- Stackable
- With ESD labelling
- Typical surface resistance  $R_{gp} = 10^9 10^{10}$  ohm





#### ■ Red

Item no.	External dimensions in mm (WxDxH)	Internal dimensions in mm (WxDxH)	Usable height/stack in mm	Packaging unit
E5321.R.4	145 x 235 x 125	127 x 180 x 108	108	27
E5321.R.5	100 x 175 x 75	87 x 129 x 67	67	40
E5321.R.6	100 x 95 x 50	87 x 60 x 44	44	50



#### ■ Yellow

Item no.	External dimensions in mm (WxDxH)	Internal dimensions in mm (WxDxH)	Usable height/stack in mm	Packaging unit
E5321.Y.4	145 x 235 x 125	127 x 180 x 108	108	27
E5321.Y.5	100 x 175 x 75	87 x 129 x 67	67	40
E5321.Y.6	100 x 95 x 50	87 x 60 x 44	44	50

Other sizes and colours on request.



#### Labels for open fronted storage bins

Item no.	Suitable for open fronted storage bins	Dimensions in mm (WxD)	Packaging unit
E5320.2.ET	5320.2	82 x 42	100
E5320.3.ET	5320.3	79 x 43	100
E5320.3Z.ET	5320.3Z	79 x 30	100
E5320.4.ET	5320.4 / 5321.R.4 / 5321.Y.4	80 x 29	100
E5320.5.ET	5320.5 / 5321.R.5 / 5321.Y.5	79 x 20	100
E5320.6.ET	5320.6 / 5321.R.6 / 5321.Y.6	79 x 13	100
E5320FA2.3ET	5320.FA2 / 5320.FA3	98 x 43	100
E5320FA3Z.ET	5320.FA3Z	101 x 30	100
E5320.FA4.ET	5320.FA4	74 x 23	100
E5320.FA5.ET	5320.FA5	53 x 15	100



# **Storage systems**

#### Storage and transport containers - conductive

#### Storage containers - conductive

- Carbon-loaded, permanently volume conductive polypropylene
- Stackable
- Palette modular size
- With ESD labelling
- Closed handle
- Typical surface resistance  $R_{qp} = 10^4 10^5$  ohm



Item no.	External dimensions in mm (WxDxH)	Internal dimensions in mm (WxDxH)	Usable height/stack in mm
E5310.05	200 x 300 x 120	170 x 270 x 117	106
E5310.10	300 x 400 x 120	255 x 355 x 115	104
E5310.14	300 x 400 x 170	255 x 355 x 165	152
E5310.20	300 x 400 x 220	255 x 355 x 217	204
E5310.25	300 x 400 x 270	255 x 355 x 265	252
E5310.31	300 x 400 x 320	255 x 355 x 317	304



Item no.	External dimensions in mm (WxDxH)	Internal dimensions in mm (WxDxH)	Usable height/stack in mm
E5310.15	400 x 600 x 75	355 x 555 x 70	56
E5310.24	400 x 600 x 120	355 x 555 x 115	104
E5310.33	400 x 600 x 150	355 x 555 x 145	131
E5310.34	400 x 600 x 170	355 x 555 x 165	152
E5310.42	400 x 600 x 220	355 x 555 x 215	204
E5310.50	400 x 600 x 236	355 x 555 x 231	214
E5310.55	400 x 600 x 280	355 x 555 x 275	261
E5310.70	400 x 600 x 336	355 x 555 x 332	314
E5310.80	400 x 600 x 420	355 x 555 x 415	397







#### Lid with hooks

Item no.	External dimensions in mm (WxD)
E5310.43.PU	400 x 300 lid, loose, with conductive, soft PU foam
E5310.64.PU	600 x 400 lid, loose, with conductive, soft PU foam



Hinged lid

Item no.	External dimensions in mm (WxD)
E5310.32.S	300 x 200 lid, loose
E5310.43.S	400 x 300 lid, loose

#### Lid with hooks

Item no.	External dimensions in mm (WxD)
E5310.43	400 x 300 lid, loose
E5310.64	600 x 400 lid, loose

#### IDP-Stat® storage and transport containers - conductive

- Permanently volume conductive polypropylene
- Made of Inherently Dissipative Polymer (IDP-STAT®)
- Stackable
- Palette modular size
- With ESD labelling
- Closed handle
- Typical surface resistance  $R_{qq} = 10^9 10^{10}$  ohm



Item no.	External dimensions in mm (LxWxH)	Internal dimensions in mm (LxWxH)	Usable height/stack in mm
E5311.Y.10	300 x 400 x 120	255 x 355 x 115	104
E5311.Y.14	300 x 400 x 170	255 x 355 x 165	152
E5311.Y.20	300 x 400 x 220	255 x 355 x 217	204
■ Red			
E5311.R.10	300 x 400 x 120	255 x 355 x 115	104
E5311.R.14	300 x 400 x 170	255 x 355 x 165	152
E5311.R.20	300 x 400 x 220	255 x 355 x 217	204



#### Yellow

Item no.	External dimensions in mm (LxWxH)	(LxWxH)	Usable height/stack in mm	
E5311.Y.24	400 x 600 x 120	355 x 555 x 115	104	
E5311.Y.34	400 x 600 x 170	355 x 555 x 165	152	
E5311.Y.42	400 x 600 x 220	355 x 555 x 215	204	
■ Red				
E5311.R.24	400 x 600 x 120	355 x 555 x 115	104	
E5311.R.34	400 x 600 x 170	355 x 555 x 165	152	
E5311.R.42	400 x 600 x 220	355 x 555 x 215	204	





#### Lid with hooks

Yellow

Item no.	External dimensions in mm (WxD)
E5311.Y.43	400 x 300 lid, loose
E5311.Y.64	600 x 400 lid, loose



#### Lid with hooks

Red

Item no.	External dimensions in mm (WxD)
E5311.R.43	400 x 300 lid, loose
E5311.R.64	600 x 400 lid, loose



# **ESD** parts trolley

#### Multi-trolley combinations from practice - conductive



#### Multi-trolley

- Equipped with 2x fixed and 2x steering caster with locks, Ø 125 mm
- Bottom shelf
- 8x inclinable shelf 320 mm depth
- Total load capacity 500 kg

#### **Includes**

- 6x Euro storage bins 400 x 300 x 170 mm
- 8x open fronted storage bin 200 x 350 x 200 mm
- 16x open fronted storage bin 200 x 350 x 145 mm

Item no.	Dimensions in mm (WxDxH)
ESD07.58.14	990 x 610 x 1450



#### **Multi-trolley**

- Equipped with 2x fixed and 2x steering caster with locks, Ø 125 mm
- Open fronted storage bins are hung in rails
- Total load capacity 500 kg

#### **Includes**

- 32x open fronted storage bin 100 x 170 x 80 mm
- 24x open fronted storage bin 145 x 230 x 125 mm
- 16x open fronted storage bin 200 x 350 x 200 mm

Item no.	Dimensions in mm (WxDxH)
ESD07.58.12	990 x 610 x 1450

Individual parts trolleys on request.



#### Multi-trolley

- Equipped with 2x fixed and 2x steering caster with locks, Ø 125 mm
- 4x inclinable shelf 320 mm depth
- 2x perforated panel, 302 mm
- Total load capacity 500 kg

#### Includes

- 6x Euro storage bins 400 x 300 x 170 mm
- 8x open fronted storage bin 200 x 350 x 145 mm
- Supplied without tools

Item no.	Dimensions in mm (WxDxH)
FSD07 58 16	990 x 610 x 1450



#### Multi-trolley

- Equipped with 2x fixed and 2x steering caster with locks, Ø 125 mm
- 4x inclinable shelf 420 mm depth
- Total load capacity 500 kg

#### Includes

■ 8x Euro storage bins 400 x 600 x 170 mm

Item no.	Dimensions in mm (WxDxH)
ESD07.58.18	990 x 610 x 1450

#### Chairs, Stools and sit-stand stools

#### **ESD** workplace systems



#### Vinyl roller stool

- Dissipative roller stool with height adjustment
- For clean production areas
- 5-star cruciform base made of chrome-plated aluminium with 5 conductive, load-dependent braked, soft castors
- Safety gas spring
- Seat height adjustment from 500 to 640 mm
- Durable and conductive vinyl cover, seat diameter: 340 mm
- With ESD labelling

Item no.	Туре
E1700.VH	Black
E1700.KS.13	Hard, conductive chair castors (for carpeted floors)

The INDUSTRIAL PU chair provides excellent, ergonomic sitting comfort. It reliably and safely drains static charges from personnel to the conductive flooring or floor mat.



#### Standard version

- 5-star cruciform base made of chrome-plated aluminium with 5 conductive, load-dependent braked, soft castors
- Safety gas spring
- Seat height adjustment from 380 to 510 mm
- Synchronous adjustment of seat and backrest
- Seat and backrest made of durable, black conductive PU integral
- PU integral foam is easy to clean
- With ESD labelling
- GS tested

Item no.	Туре
E1700.PU	Without armrests



#### PU sit-stand stool

- Dissipative sit-stand stool with height adjustment
- Dissipative and robust construction with anti-skid glides
- Lockable seat height adjustment
- 15° tilting seat
- Dissipative and durable PU integral foam seat
- 16° tilting seat for excellent body contact
- GS tested
- With ESD labelling
- Typical bleeder resistance  $R_{qq} = 10^8 10^9$  ohm

Item no.	Colour
E1700.S	Black



#### High model

- Seat height from 540 to 800 rm
- Cruciform base with 5 conductive glides
- Chrome-plated foot ring as climbing aid
- Stepless height adjustment

Item no.	Туре
E1710.PU	Without armrests

#### Optional accessories

Item no.	Туре
E1700.KS.13	Hard, conductive chair castors (for carpeted floors)
E1700.XS.PU	Volume conductive PU armrests* incl. mounting plate



#### **Comfort chair**

The COMFORT chair provides an exceptional sitting comfort due to its highly resilient foam contoured seat. It reliably and safely drains static charges from personnel to the conductive flooring or floor mat.





Backrest with ESD







#### Standard version

- 5-star cruciform base made of chrome-plated aluminium with
   5 conductive, load-dependent braked, soft castors
- Safety gas spring
- Seat height adjustment from 400 to 420 mm
- Asynchronous mechanism
- Seat and dynamic back rest individually adjustable
- Hard-wearing and conductive upholstery cover for the seat and backrest in fabric
- Conductive plastic back seat shell with ESD labelling
- GS tested

Item no.	Colour	Туре
E1700.ES.B	Blue	Without armrests
E1700.ES.D	Grey	Without armrests

#### High model

- Seat height from 640 to 760 mm
- Cruciform base with 5 conductive glides, foot ring as climbing aid

Item no.	Colour	Туре
E1710.ES.B	Blue	Without armrests
E1710.ES.D	Grey	Without armrests

#### **Optional accessories**

Item no.	Туре
E1700.KS.13	Hard, conductive chair castors (for carpeted floors)
E1700.XS	Volume conductive PU armrests*

**Comfort Plus chair ESD** workplace systems

The high-quality COMFORT PLUS chair provides perfect, ergonomic sitting comfort due to its foam contoured seat. It reliably and safely drains static charges from personnel to the conductive flooring or floor mat.







Backrest with ESD labelling









#### Standard version

- 5-star cruciform base made of polished aluminium with 5 conductive, load-dependent braked, soft castors
- Safety gas spring
- Seat height adjustment from 430 to 540 mm
- Adjustable back height
- Adjustable back height, depth and angle
- Mechanism with synchronous technology ensures active-dynamic
- Seat and dynamic back rest individually adjustable
- High-quality moulded foam pads for perfect sitting comfort
- Hard-wearing and conductive black upholstery cover
- Conductive plastic back seat shell
- With ESD labelling
- GS tested

Item no.	Colour	Туре
E1700.ESP.S	Black	Without armrests

#### High model

- Seat height from 610 to 850 mm
- Cruciform base with 5 conductive glides
- Chrome-plated foot ring as climbing aid
- Stepless height adjustment

Item no.	Colour	Туре
E1710.ESP.S	Black	Without armrests

#### **Optional accessories**

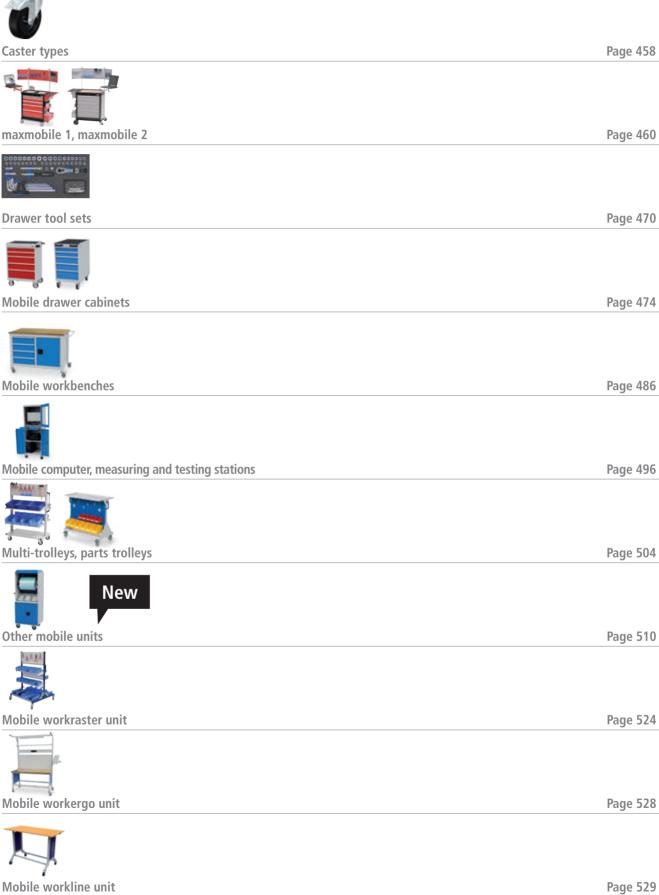
Item no.	Туре
E1700.KS.13	Hard, conductive chair castors (for carpeted floors)
E1700.XS	Volume conductive PU armrests*



# Mobile logistics systems









# **Mobile logistics systems**

# Caster types for drawer cabinets

For safety reasons, the maximum total load for a set of casters is 75% of the indicated load capacity







#### Casters for T500 mobile drawer cabinets

- Steering caster with back hole, Ø 80 mm
- Load capacity per caster 50 kg

Item no.	Version
04ST500L80	Steering caster without lock
04ST500LF80	Steering caster with lock

#### Casters for T736 mobile drawer cabinets

- Fixed and steering caster with screw-on plate, Ø 80 mm
- Wheel made of high-quality, unbreakable polyamide 6, natural white
- Load capacity per caster 200 kg

Item no.	Version
04ST736B80	Fixed caster
04ST736L80	Steering caster without lock
04ST736LF80	Steering caster with lock





#### Casters for T500 mobile drawer cabinets

- Steering caster with back hole, Ø 125 mm
- Wheel made of high-quality elastic solid rubber
- Quiet running, low roll resistance, very gentle on floors
- Load capacity per caster 150 kg

Item no.	Version
04SWEL125	Steering caster without lock
04SWELF125	Steering caster with lock

#### Casters for T736 mobile drawer cabinets

- Fixed and steering caster with screw-on plate, Ø 125 mm
- Wheel made of high-quality elastic solid rubber
- Quiet running, low roll resistance, very gentle on floors
- Load capacity per caster 150 kg

Item no.	Version
04ST736B125	Fixed caster
04ST736L125	Steering caster without lock
04ST736LF125	Steering caster with lock

# Caster types for workbenches

 For safety reasons, the maximum total load for a set of casters is 75% of the indicated load capacity







#### Casters for T500 and T750 mobile workbenches

- Steering caster with back hole, Ø 125 mm
- Wheel made of high-quality elastic solid rubber
- Quiet running, low roll resistance, very gentle on floors
- Load capacity per caster 150 kg

Item no.	Version
04SWEL125	Steering caster without lock
04SWELF125	Steering caster with lock

#### Casters for T750 mobile box workbenches

- Fixed and steering caster with screw-on plate, Ø 200 mm
- Wheel made of standard solid rubber
- Very high driving comfort, quiet running, very gentle on floors
- Load capacity per caster 205 kg

Item no.	Version
04WB200	Fixed caster
04WL200	Steering caster without lock
04WLF200	Steering caster with lock

#### maxmobile 1 and workergo series







04MLF100



4XXXXXMLF100

#### Casters for maxmobile 1

- Fixed and steering caster with back hole, Ø 100 mm
- Wheel made of high-quality thermoplastic rubber elastomer (TPE)
- High driving comfort, quiet running, low roll and swivel resistance, gentle on floors
- Load capacity per caster 110 kg

Item no.	Version
04MB100	Fixed caster
04ML100	Steering caster without lock
04MLF100	Steering caster with lock

#### workergo series expander casters

- Fixed and steering caster, Ø 100 mm
- Wheel made of high-quality thermoplastic rubber elastomer (TPE)

4XXXXXML100

- High driving comfort, quiet running, low roll and swivel resistance, qentle on floors
- Load capacity per caster 110 kg

Item no.	Version
4XXXXXMB100	Fixed caster
4XXXXXML100	Steering caster without lock
4XXXXXMLF100	Steering caster with lock

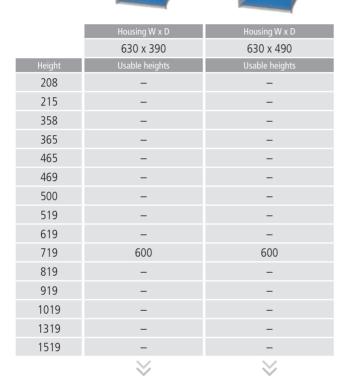


# **Mobile logistics systems**

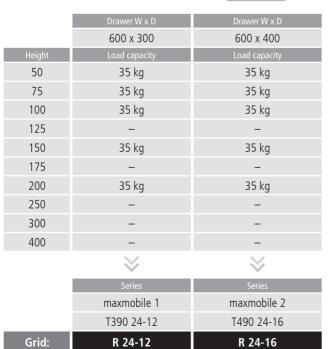
#### maxmobile 1 and 2

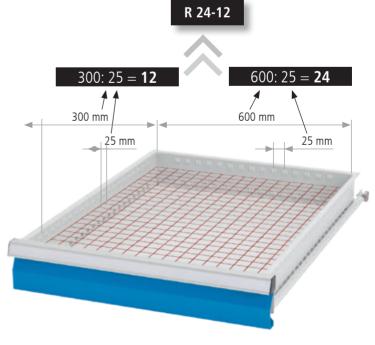












#### maxmobile 1 and 2

- Internal usable area: 600 x 300 mm
- Drawers with full pull-out (FP) 100 %, load capacity 35 kg
- Supplied without decoration, tools and hooks



#### maxmobile 1

- 5x drawer
- 2x fixed and 2x steering caster with locks, Ø 100 mm
- 1x waste bin, 1x bottle and can holder
- 1x support tray, 1x wooden panel, 1x side cover panel
- 1x swivelling laptop tray
- 1x perforated wall setup 300 mm with swivelling side parts

Item no.	Dimensions in mm (WxDxH)
08.88.90-1	780 x 480 x 1540











#### maxmobile 2

- 6x drawer
- Axle with 2x fixed caster, Ø 150 mm, 2x steering caster with lock, Ø 100 mm
- 1x waste bin, 1x bottle and can holder
- 1x support tray, 1x wooden panel, 1x side flap
- 1x swivelling laptop tray
- 1x perforated wall setup 300 mm with swivelling side parts

Item no.	Dimensions in mm (WxDxH)
08 89 92-1	780 x 580 x 1540



#### maxmobile 2

- 5x drawer
- Axle with 2x fixed caster, Ø 150 mm, 2x steering caster with lock, Ø 100 mm
- 1x bottle and can holder
- 1x waste bin, 1x support tray, 1x wooden panel, 1x side flap
- 1x swivelling laptop tray

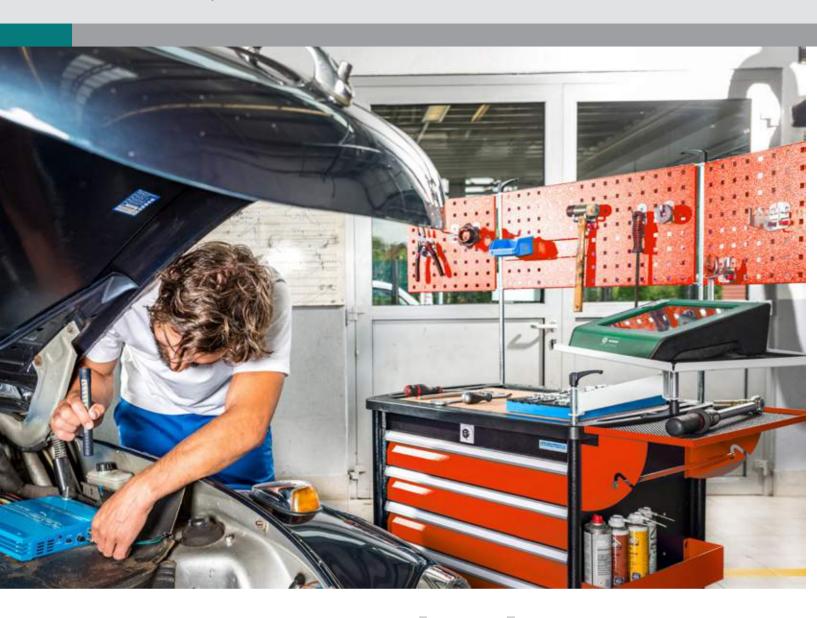
Item no.	Dimensions in mm (WxDxH)
08.89.90-1	780 x 580 x 912



- 5x drawer
- 1x waste bin, 1x support tray, 1x wooden panel, 1x side cover panel
- 1x swivelling laptop tray
- Axle with 2x fixed caster, Ø 150 mm, 2x steering caster with lock, Ø 100 mm
- 1x perforated wall setup 600 mm with swivelling side walls

Item no.	Dimensions in mm (WxDxH)
087.89.303-2	780 x 580 x 1540





#### maxmobile 1

- Internal usable area: 600 x 300 mm
- 100 % full pull-out of drawers with max. 35 kg load capacity
- Central locking
- Precise locking and self-retraction
- Circumferential impact and heel protection
- 2x fixed and 2x steering caster with locks, Ø 100 mm
- Comprehensive range of divider material
- Wide range of accessories for every application
- Plastic support surface with moulded surfaces for small parts and ergonomic handles
- Support surface is highly resistant to chemicals and oil
- Support surface in either plastic or beech multiplex version









#### Your advantages:

- Space-saving
- Small and manoeuvrable
- Comfortable, safe ride
- Theft-proof central locking with "B+H" locking system
- Wide range of accessories for every application
- Comprehensive range of divider material
- Individual configuration
- Eco-friendly painting procedure
- No risk of injury from snagging







#### maxmobile 1

- 2x hinged door
- 1x internal perforated wall on each side
- 1x shelf

Item no.	Dimensions in mm (WxDxH)
08.88.03	780 x 480 x 912



#### maxmobile 1

- 6x drawer
- 1x side cover panel

Item no.	Dimensions in mm (WxDxH)
08 88 93	780 x 480 x 912



- 6x drawer
- 1x side cover panel

Item no.	Dimensions in mm (WxDxH)
08.88.92	780 x 480 x 912



Grid: R 12-14 R 24-12 R 24-16 R 12-16 R 18-16 R 24-16 R 36-16 R 18-24 R 24-24 R 36-24 R 48-24

#### maxmobile 1



#### maxmobile 1

- 4x drawer
- 1x side cover panel

Item no.	Dimensions in mm (WxDxH)
08.88.91	780 x 480 x 912

#### Individual arrangement

#### 2x hinged door with lock

Cylinder lock with central locking

Item no.	Usable heights (mm)
08.88.FLGSE	600



#### Support rail for open fronted storage bins

• For hanging on the perforated wall

Item no.	Width in mm
03.900.06	300
03.900.05	450



#### Open fronted storage bins

Polypropylene

Item no.	Dimensions in mm (WxDxH)
03.900.001	100 x 95 / 65 x 50
03.900.002	100 x 175 / 140 x 75
03.900.003	145 x 235 / 195 x 125



#### **Hook assortment**

■ 10 parts

Item no.	
03.87.395-10	



#### Housing with 2x fixed and 2x steering caster with locks, Ø 100 mm $\,$

Item no.	Dimensions in mm (WxDxH)	Usable height in mm
08.88.10	780 x 480 x 912	600

#### **Drawers**

■ 600 x 300 mm (W x D) with full pull-out 100 % – 35 kg

Item no.	Front height	Shell height	Usable height	Load capacity
08.88.60	50	35	40	35 kg
08.88.64	75	60	65	35 kg
08.88.61	100	85	90	35 kg
08.88.62	150	135	140	35 kg
08.88.63	200	185	190	35 kg

#### maxmobile 1 - Accessories



Beech multiplex panel

• For inserting in the plastic storage area

Item no.	Dimensions in mm (WxDxH)
08.88.70	570 x 280 x 15



**Support tray** 

■ With paper roll holder

Item no.	Dimensions in mm (WxD)
08.88.72	435 x 200



Swivelling laptop tray

With locking

Item no.	Dimensions in mm (WxD)
08.88.73	300 x 420



Bottle and can holder

■ Hung on the side

Item no.	Dimensions in mm (WxDxH)
08.88.74	380 x 90 x 85



**Document holder** 

■ Hung on the side

Item no.	Dimensions in mm (WxDxH)
08.88.75	380 x 45 x 190



Waste bin

■ Hung on the side

	Dimensions in mm (WxDxH)	
08.88.76	375 x 170 x 150	



#### Perforated wall setup

■ With swivelling side parts

Item no.	Dimensions in mm (W x H)	
08.88.77	1250 x 300	
08.89.50	1380 x 600	

■ Without swivelling side walls

Item no.	Dimensions in mm (W x H)
08.88.89	630 x 300
08.89.51	630 x 568



Perforated side wall

■ Hung on the side

Item no.	Dimensions in mm (WxDxH)
08.88.79	388 x 15 x 712



#### Side cover panel

Semi-circular, hung on the side

Item no.	Dimensions in mm (WxDxH)
08.88.81	388 x 15 x 712

#### Drawer inserts R 24-12, internal dimensions 600 x 300 mm









- 2x TP with 2 troughs
- 4x TP with 3 troughs
- 2x TP with 4 troughs
- 4x SDIV for 2 troughs ■ 12x SDIV for 3 troughs
- 8x SDIV for 4 troughs

Item no.	Front
	Front
08.88.30	50



Item no.	Front
08.88.41	100



■ 3x CCR 300 mm ■ 8x DIV 150 mm

Item no.	Front
08.88.36	100
08.88.37	150
08 88 42	200

- 2x CCR 300 mm
- 6x DIV 200 mm

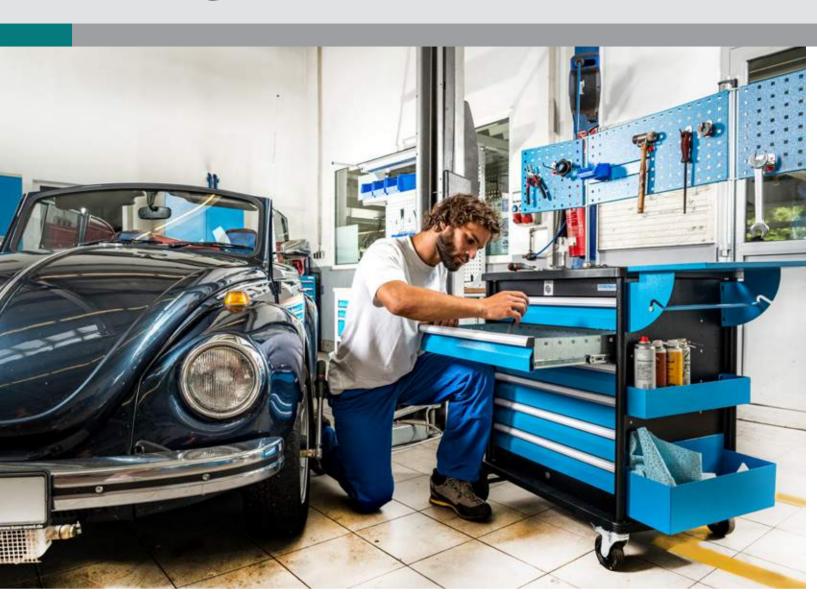
Item no.	Front
08.88.38	100
08.88.39	150
08.88.43	200



- 4x SPB 150 x 150 mm
- 6x SPB 75 x 150 mm
- 4x SPB 75 x 75 mm

Item no.	Front
08.88.34	50
08.88.35	100

CCR = Centre compartment rails, DIV = Divider, SPB = Small Parts Box, TP = Trough Plate, SDIV = Slot-in divider



#### **Mobile logistics systems**

#### maxmobile 2

- Drawer interior dimension 600 x 400 mm
- 100 % full pull-out of drawers with max. 35 kg load capacity
- Central locking
- Precise locking and self-retraction
- Circumferential impact and heel protection
- Axle with 2x fixed caster, Ø 150 mm, 2x steering caster with lock, Ø 100 mm
- Comprehensive range of divider material
- Wide range of accessories for every application
- Plastic support surface with moulded surfaces for small parts and ergonomic handles
- Support surface is highly resistant to chemicals and oil
- Side cover for the storage of long tools
- Powder coating in 15 standard colours (colour combinations possible)









#### Your advantages:

- Reinforced wheel set for higher load
- maxmobile 2 offers 25% more volume
- Larger storage shelves
- More storage space
- Theft-proof central locking with "B+H locking system"
- Wide range of accessories for every application
- Individual configuration
- No risk of injury from snagging







#### maxmobile 2

- 4x drawer
- 1x side cover panel

Item no.	Dimensions in mm (WxDxH)
08.89.91	780 x 580 x 912



#### maxmobile 2

- 6x drawer
- 1x side cover panel

Item no.	Dimensions in mm (WxDxH)	
08.89.93	780 x 580 x 912	



- 6x drawer
- 1x side cover panel

Item no.	Dimensions in mm (WxDxH)
08.89.92	780 x 580 x 912



Grid: R 12-14 R 24-12 R 24-16 R 12-16 R 18-16 R 24-16 R 36-16 R 18-24 R 24-24 R 36-24 R 48-24

#### maxmobile 2



#### maxmobile 2

- 2x hinged door, each with 1x internal perforated wall
- 1x shelf
- 1x internal perforated wall on each side

Item no.	Dimensions in mm (WxDxH)	
08.89.03	780 x 580 x 912	

#### Individual arrangement

#### 2x hinged door with lock

Cylinder lock with central locking

- Cylinder lock with certiful locking		
Item no.	Usable heights (mm)	
08.88.FLGSE	600	



Side flap

For long tools

Item no.	Dimensions in mm (WxDxH)
08 89 88	490 x 70 x 600



#### Anti-slip mat insert

• For inserting in the plastic storage area

Item no.	Dimensions in mm (WxDxH)
08.89.71	570 x 380 x 3



#### Housing with 2x caster, Ø 150 mm, 2x steering caster with lock, Ø 100 mm

■ Total height = 600 mm usable height + 119 mm +150 mm

Item no.	Dimensions in mm (WxDxH)	Usable height in mm
08.89.10	780 x 580 x 912	600

#### **Drawers**

■ 600 x 400 mm (W x D) with full pull-out 100 % - 50 kg

Item no.	Front height	Shell height	Usable height	Load capacity
08.89.60	50	35	40	50 kg
08.89.59	75	59	60	50 kg
08.89.61	100	85	90	50 kg
08.89.62	150	135	140	50 kg
08.89.63	200	185	190	50 kg



## Beech multiplex panel

• For inserting in the plastic storage area

Item no.	Dimensions in mm (WxDxH)
08.89.70	570 x 380 x 15



## **Support tray**

■ With paper roll holder

Item no.	Dimensions in mm
08.89.72	535 x 200



#### Swivelling laptop tray

With locking

ltem no.	Dimensions in mm
08.88.73	300 x 420



#### Bottle and can holder

■ Hung on the side

Item no.	Dimensions in mm (WxDxH)
08.89.74	480 x 90 x 85



**Document holder** 

■ Hung on the side

Item no.	Dimensions in mm (WxDxH)
08.89.75	480 x 45 x 190



Waste bin

■ Hung on the side

Item no.	Dimensions in mm (WxDxH)
08.89.76	475 x 170 x 150



## Perforated wall setup

■ With swivelling side parts

Item no.	Dimensions in mm (W x H)
08.88.77	1250 x 300
08.89.50	1380 x 600

■ Without swivelling side walls

Item no.	Dimensions in mm (W x H)
08.88.89	630 x 300
08.89.51	630 x 568



## Perforated side wall

■ Hung on the side

Item no.	Dimensions in mm (WxDxH)
08.89.79	488 x 15 x 712



## Side cover panel

Semi-circular, hung on the side

Item no.	Dimensions in mm (WxDxH)
08.89.81	488 x 15 x 712

## Drawer inserts R 24-16, internal dimensions 600 x 400 mm



- 2x CCR 400 mm
- 5x DIV 200 mm

Item no.	Front
168-136-100	100
168-136-150	150
168-136-200	200



- 5x SPB 150 x 150 mm
- 4x SPB 75 x 150 mm
- 4x SPB 75 x 75 mm
- 1x DIV 600 mm
- 2x DIV 100 mm

Item no.	Front
168-132	100



- 3x CCR 400 mm
- 8x DIV 150 mm

Item no.	Front
168-139-100	100
168-139-150	150
168-139-200	200

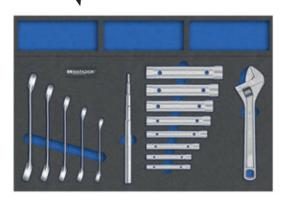
CCR = Centre compartment rails, DIV = Divider, SPB = Small Parts Box, TP = Trough Plate, SDIV = Slot-in divider



# **Drawer tool sets**

## maxmobile 1 drawer tool sets







# Set of turbular hexagon box spanner and double-end box wrench, 15 pcs.

- Turbular hexagon box spanner, DIN 896, Version B 6 x 7, 8 x 9, 10 x 11, 12 x 13, 14 x 15, 16 x 17, 18 x 19, 20 x 22 mm
- Mandrel, 5-fold
- Jaw spanner, adjutable to SW 30, 10"/ 250 mm
- Double-end box wrench 8 x 10, 10 x 12, 11 x 13, 14 x 17, 19 x 22 mm

Item no.	Dimensions in mm (WxD)
08.88.207	565 x 300

## Set of T-handle screwdrivers, 15 pcs.

- Inlet two-coloured black/blue
- Hex T-handle screwdriver, DIN 911, 2, 3, 4, 5, 6, 8, 10 mm
- T-handle screwdriver, internal Torx TX 10, 15, 20, 25, 27, 30, 40, 45

Item no.	Dimensions in mm (WxD)
08.88.200	565 x 300

## Accessories for individual configuration of maxmobile 1 and 2



## Cutting tool, 50 mm

Flat wide tool for individual creation of inlets

Item no.	Dimensions in mm
08.90.01	50 mm



## Cutting tool, 20 mm

Flat small tool for individual creation of inlets

Item no.	Dimensions in mm
08.90.02	20 mm



## Cutting tool, 20 x 20 mm

Semicircular tool for individual creation of inlets

Item no.	Dimensions in mm
08.90.03	20 x 20

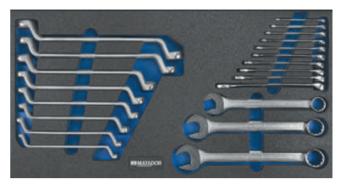


## Inlet, untreated

2 colours: blue 5 mm, black 20 mm height

Item no.	W x D in mm
08.90.10	600 x 300
08.90.11	600 x 400





## Set of hammers, files, chisels and saws, 16 pcs.

- Inlet two-coloured black/blue
- Fitter's hammer, DIN 1041, 500 g
- Plastic embossing and dinging hammer, 32 mm
- Engineer's file, DIN 7261 A, 200 mm flat, triangular, round, square and half-round
- Metal saw frame, 250 mm
- Tool set, 6 pcs., plastic feeler gauge, 100 mm sheet, bolted, 20 x 2 − 40/100
- Steel tape measure 3 m

Item no.	Dimensions in mm (WxD)
08.88.203	565 x 300

#### Key set, 21 pcs.

- Inlet two-coloured black/blue
- Combination spanner DIN 3113 A,6, 7, 8, 9, 10, 11, 12, 13, 14, 17, 19, 22, 24 mm
- Double-ended ring spanners, DIN 8386 x 7, 8 x 9, 10 x 11, 12 x 13, 14 x 15, 16 x 17, 18 x 19, 20 x 22 mm

Item no.	Dimensions in mm (WxD)
08.88.204	565 x 300







## Set of 1/4"-12" socket keys, 71 pcs.

- Inlet two-coloured black/blue
- 1/2" reversible ratchet, 270 mm
- 1/2" extension, 75 and 250 mm
- 1/2" cardan joint, 75 mm
- 1/2" hex socket10, 11, 12, 13, 14, 15, 16, 17, 19, 22, 24, 27, 30, 32 mm
- 1/4" reversible ratchet, safety extension, 140 mm
- 1/4" extension, DIN 3123, 50 and 100 mm
- 1/4" drive handle, DIN 3122, 150 mm
- 1/4" hex socket 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14 mm
- 1/4" internal Torx socket, TX 8, 10, 15, 20, 25, 27, 30, 40
- 1/4" external Torx socket, E 4, 5, 6, 7, 8, 10, 11
- 1/4" cross-head socket, PH 1, 2, 3
- 1/4" slot drive socket, 4 x 25, 5,5 x 25, 7 x 25 mm
- Angled hex key, long, ball head, 9 pcs. 1.5 10 mm

Item no.	Dimensions in mm (WxD)
08.88.205	565 x 300

## Set of pliers/screwdrivers, 14 pcs.

- Inlet two-coloured black/blue
- Cross-head screwdriver, Pozidriv, DIN ISO 8764-1/-2, PZ 1, 2, 3
- Cross-head screwdriver, DIN ISO 8764-1/-2, PH 1, 2, 3
- Workshop screwdriver, DIN 5265, D, 6,5 x 150, 5,5 x 125, 6, 5 x 125 mm
- Water pump pliers, ISO 8976, B, 240 mm
- High leverage combination pliers, DIN ISO 5746, 7" / 180 mm
- Diagonal cutter, DIN ISO 5749, 6.1/4" / 160 mm
- Telephone pliers, ISO 5745, straight, 6.3/4" / 170 mm
- Universal grip pliers, 10" / 250 mm

Item no.	Dimensions in mm (WxD)
08.88.206	565 x 300

# **Drawer tool sets**

## maxmobile 2 drawer tool sets





#### Set of spanners, 100, 8 pcs.

- Inlet two-coloured black/blue
- Double open-ended spanner DIN 3110 6 x 7, 8 x 9, 10 x 11, 12 x 13, 14 x 15, 16 x 17, 18 x 19, 20 x 22 mm

Item no.	Dimensions in mm
08.89.200	400 x 200



#### Set of spanners, 185, 8 pcs.

- Inlet two-coloured black/blue
- Combination spanner, DIN 3113 A 8, 10, 11, 13, 14, 17, 19, 22 mm

Item no.	Dimensions in mm
08.89.201	400 x 200



## Set of spanners, 190, 8 pcs.

- Inlet two-coloured black/blue
- Combination spanner, DIN 3113 B 8, 10, 11, 13, 14, 17, 19, 22 mm

Item no.	Dimensions in mm (WxD)
08.89.202	400 x 200

## Set of hammers, chisels and drift punchs, 11 pcs.

- Inlet two-coloured black/blue
- Fitter's hammer, DIN 1041, 500 g
- Flat chisel, DIN 6453, form A, 150 and 200 mm
- Centre punch, pin punch, DIN 6450, form C, 3, 4, 5, 6 mm
- Suprabeam Q1 LED tube light
- Snap-off knife, 18 mm
- Steel tape measure 3 m

Item no.	Dimensions in mm (WxD)	
08.89.203	400 x 200	

## Set of 1/4" socket keys, 84 pcs.

- Inlet two-coloured black/blue 1/4" reversible ratchet
- Safety extension, 140 mm, 1/4" sliding T-handle, DIN 3122, 115 mm
- 1/4" cardan joint, DIN 3123, 37 mm
- 1/4" extension, DIN 3123, 50 and 100 mm
- 1/4" drive handle, DIN 3122, 150 mm
- 1/4" hex socket 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 13 mm
- 1/4" slot drive socket, 4 x 25, 5,5 x 25, 7 x 25 mm
- 1/4" cross-head socket, PH 1, 2, 3
- 1/4" hex socket, 3, 4, 5, 6, 8 mm
- 1/4" connector, A/M 3/8"- I/F 1/4", 1/4" insert
- External Torx, E 4, 5, 6, 7, 8, 10, 11
- 1/4" internal Torx socket, TX 8, 10, 15, 20, 25, 27, 30, 40
- Angled hex key, long, ball head, 9 pcs. 1.5 10 mm
- 1/4 connector for 1/4" bits, A/M 1/4"- I/F 1/4"
- Torx bit assortment with 72 teeth ratchet, 31 pcs.

Item no.	Dimensions in mm (WxD)
08.89.204	400 x 200



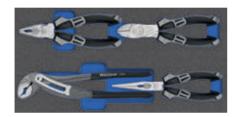
## maxmobile 2 drawer tool sets



#### Set of screwdrivers, 10 pcs.

- Inlet two-coloured black/blue
- Electrician's screwdriver, DIN 5265, carburettor screwdriver 4 x 80 mm, PH1
- Workshop screwdriver, DIN 5265, D, 5 x 100, 5,5 x 125, 6,5 x 150 mm
- Cross-head screwdriver, DIN ISO 8764-1/-2, PH 0, 1, 2
- Voltage tester, VDE 0680, 3 mm

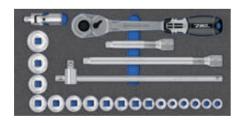
Item no.	Dimensions in mm
08.89.207	400 x 200



## Set of pliers, 4 pcs.

- Inlet two-coloured black/blue
- High leverage combination pliers, DIN ISO 5746, 7"/ 180 mm
- High leverage diagonal cutter, DIN ISO 5749, 7" / 180 mm
- Water pump pliers, ISO 8976, B, 240 mm
- Telephone pliers, ISO 5745, straight, 8" / 205 mm

Item no.	Dimensions in mm (WxD)
08.89.209	400 x 200



## Set of socket keys 1/2", hex key, 22 pcs.

- Inlet two-coloured black/blue
- 1/2" reversible ratchet, safety locking 270 mm
- 1/2" sliding T-handle, DIN 3122, 300 mm
- 1/2" cardan joint, 75 mm
- 1/2" extension, swivelling, 125 and 250 mm
- 1/2" hex socket 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 24, 27, 30, 32 mm

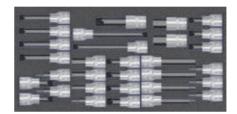
Item no.	Dimensions in mm (WxD)
08.89.205	400 x 200



## Set of circlip pliers, 4 pcs.

- Inlet two-coloured black/blue
- Circlip pliers, DIN 5254, A, A2
- Circlip pliers, DIN 5254, B, A21
- Circlip pliers, DIN 5256, C, J2
- Circlip pliers, DIN 5254, D, J21

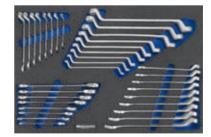
Item no.	Dimensions in mm
08.89.208	400 x 200



## 1/2" hex key Set of socket keys, 31 pcs.

- Inlet two-coloured black/blue
- 1/2" hex socket, 5 x 60, 5 x 110, 6 x 60, 6 x 110, 7 x 100, 8 x 60, 8 x 110, 10 x 60, 12 x 60, 14 x 60, 17 x 60, 7 x 60 mm
- 1/2" socket B & 5 / XZN M 5 x 60, 6 x 60, 6 x 100, 8 x 60, 8 x 100, 10 x 60, 10 x 100, 12 x 100 mm; 1/2" internal Torx socket, TX 25 x 60,
- 27 x 60, 30 x 60, 40 x 60, 45 x 60, 50 x 60, 55 x 60, 60 x 60, 45 x 140, 55 x 140, 70 x 110 mm

Item no.	Dimensions in mm (WxD)
08.89.210	400 x 200



#### Set of spanners, 34 pcs.

- Inlet two-coloured black/blue
- Double open-ended spanner, DIN 3110 6 x 7, 8 x 9, 10 x 11, 12 x 13, 14 x 15, 16 x 17, 18 x 19, 20 x 22, 21 x 23 mm
- Combination spanner, DIN 3113 B 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22 mm
- Double-ended ring spanners, DIN 838 6 x 7, 8 x 9, 10 x 11, 12 x 13, 14 x 15, 16 x 17, 18 x 19, 20 x 22, 21 x 23 mm

Item no.	Dimensions in mm (WxD)
08.89.211	600 x 400



# **Mobile drawer cabinets**

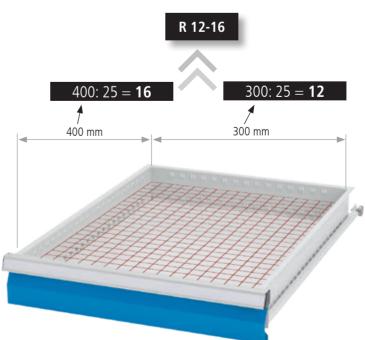
# T500 mobile drawer cabinets

- Roll-off edge on 3 sides
- 4x steering caster, thereof 2 with locks, Ø 125 mm
- Drawers with full pull-out 100%, load capacity per drawer 50 or 75 kg
- Aluminium handle bars with labelling strip
- Central locking with single pull-out lock
- Double locking of the drawers by means of individual interlocking
- Push handle









# bedrunka+hirth

# Mobile logistics systems

Series	Series	Series
T500	T500	T500







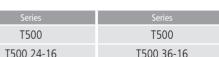
	Housing W x D	Housing W x D	Housing W x D
	530 x 500	680 x 500	980 x 500
Height	Usable heights	Usable heights	Usable heights
519	400	400	-
619	500	500	500
719	600	600	600
819	700	700	700
919	800	800	800
1019	900	900	900
1219	-	-	-
1319	-	1200	1200
1519	-	-	-
			$\sim$







		Drawer W x D	Drawer W x D	Drawer W x D
		450 x 400	600 x 400	900 x 400
Height	Shell height	Load capacity	Load capacity	Load capacity
75	59	50 kg	50 kg	50 kg
100	85	50 / 75 kg	50 / 75 kg	50 / 75 kg
150	135	50 / 75 kg	50 / 75 kg	50 / 75 kg
200	185	50 / 75 kg	50 / 75 kg	50 / 75 kg
250	185	50 / 75 kg	50 / 75 kg	50 / 75 kg
300	185	50 / 75 kg	50 / 75 kg	50 / 75 kg
		<b>X</b>	<b>X</b>	



Grid:	R 18-16	R 24-16	R 36-16
	T500 18-16	T500 24-16	T500 36-16
	T500	T500	T500



# Mobile drawer cabinets

Grid: R 12-14 R 24-12 R 24-16 R 12-16 R 18-16 R 24-16 R 36-16 R 18-24 R 24-24 R 36-24 R 48-24

## Mobile drawer cabinets 530 mm width | 500 mm depth

- Drawer interior dimension 450 x 400 mm
- Drawers with full pull-out (FP) 100 %
- Load capacity per drawer 50 or 75 kg
- Push handle
- Cylinder lock with two keys
- Suitable divider material see page 73
- 4x drawer
- Incl. roll-off edge on 3 sides and ribbed rubber mat
- 4x steering caster, thereof 2 with locks, Ø 125 mm

Item no.	Dimensions in mm (WxDxH)
46.220M	530 x 500 x 800



## Individual arrangement





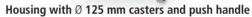


#### Housing with $\emptyset$ 80 mm casters and push handle

■ Total height = usable height + 120 mm + 110 mm

Item no.	Dimensions in mm (WxDxH)	Usable height in mm
01.046M80	530 x 500 x 730	500
01.047M80	530 x 500 x 830	600
01.048M80	530 x 500 x 930	700
01.049M80	530 x 500 x 1030	800
01.040M80	530 x 500 x 1130	900





■ Total height = usable height + 120 mm +160 mm

5-3
kg 500
300

Item no.	Dimensions in mm (WxDxH)	Usable height in mm
01.046M125	530 x 500 x 780	500
01.047M125	530 x 500 x 880	600
01.048M125	530 x 500 x 980	700
01.049M125	530 x 500 x 1080	800
01.040M125	530 x 500 x 1180	900

page 51

#### Ribbed rubber mat on cabinet

Oil-proof

Item no.	Dimensions in mm (WxDxH)
65.040.530	530 x 500 x 3

#### Metal roll-off edge on 3 sides

■ 20 mm height

Item no.	Dimensions in mm (WxDxH)
66.046.025	530 x 500 x 20

#### **Cover plate**

■ Beech multiplex, oiled, 25 mm

Item no.	Dimensions in mm (WxDxH)	
67.046.017	530 x 500 x 25	

## **Cover plate**

- Melamine resin coated chipboard
- RAL 7035, 16 mm, screwable

Item no.	Dimensions in mm (WxDxH)
67.046.016	530 x 500 x 16

## Drawers

■ 450 x 400 mm (WxD)

,	,			
Item no.	Front height in mm	Shell height in mm	Usable height in mm	Load capacity
60.046.075VA	75	59	60	50 kg
60.046.100VA	100	85	90	50 kg
60.046.150VA	150	135	140	50 kg
60.046.200VA	200	185	190	50 kg
60.046.250VA	250	185	240	50 kg
60.046.300VA	300	185	290	50 kg
60.046.100VA-75	100	85	90	75 kg
60.046.150VA-75	150	135	140	75 kg
60.046.200VA-75	200	185	190	75 kg
60.046.250VA-75	250	185	240	75 kg
60.046.300VA-75	300	185	290	75 kg

R 24-16 **Mobile logistics systems** 

## Mobile drawer cabinets 680 mm width | 500 mm depth

- Drawer interior dimension 600 x 400 mm
- Drawers with full pull-out (FP) 100 %
- Load capacity per drawer 50 or 75 kg
- Push handle
- Cylinder lock with two keys
- Suitable divider material see page 79
- 5x drawer
- Incl. roll-off edge on 3 sides and ribbed rubber mat
- 4x steering caster, thereof 2 with locks, Ø 125 mm

	Item no.	Dimensions in mm (WxDxH)
	68.221M	680 x 500 x 1000



## **Individual arrangement**





900

#### Housing with $\emptyset$ 80 mm casters and push handle

■ Total height = usable height + 120 mm +110 mm

680 x 500 x 1130



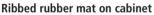


#### Housing with $\emptyset$ 125 mm casters and push handle

■ Total height = usable height + 120 mm + 160 mm



Item no.	Dimensions in mm (WxDxH)	Usable height in mm
01.066M125	680 x 500 x 780	500
01.067M125	680 x 500 x 880	600
01.068M125	680 x 500 x 980	700
01.069M125	680 x 500 x 1080	800
01.060M125	680 x 500 x 1180	900



Oil-proof

01.060M80

Item no.	Dimensions in mm (WxDxH)
65.060.530	680 x 500 x 3

#### Metal roll-off edge on 3 sides

■ 20 mm height

Item no.	Dimensions in mm (WxDxH)
66.068.025	680 x 500 x 20

## Cover plate

■ Beech multiplex, oiled, 25 mm

Item no.	Dimensions in mm (WxDxH)
67.068.017	680 x 500 x 25

#### Cover plate

- Melamine resin coated chipboard
- **RAL** 7035, 16 mm, screwable

Item no.	Dimensions in mm (WxDxH)	
67.068.016	680 x 500 x 16	

#### **Drawers**

■ 600 x 400 mm (WxD)

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Item no.	Front height in mm	Shell height in mm	Usable height in mm	Load capacity
60.068.075VA	75	59	60	50 kg
60.068.100VA	100	85	90	50 kg
60.068.150VA	150	135	140	50 kg
60.068.200VA	200	185	190	50 kg
60.068.250VA	250	185	240	50 kg
60.068.300VA	300	185	290	50 kg
60.068.100VA-75	100	85	90	75 kg
60.068.150VA-75	150	135	140	75 kg
60.068.200VA-75	200	185	190	75 kg
60.068.250VA-75	250	185	240	75 kg
60.068.300VA-75	300	185	290	75 kg



# **Mobile drawer cabinets**

Grid: R 12-14 R 24-12 R 24-16 R 12-16 R 18-16 R 24-16 R 36-16 R 18-24 R 24-24 R 36-24 R 48-24

## Mobile drawer cabinets 980 mm width | 500 mm depth

- Drawer interior dimension 900 x 400 mm
- Drawers with full pull-out (FP) 100 %
- Load capacity per drawer 50 or 75 kg
- Push handle
- Cylinder lock with two keys
- Suitable divider material see page 85
- 5x drawer
- Incl. roll-off edge on 3 sides and ribbed rubber mat
- 4x steering caster, thereof 2 with locks, Ø 125 mm

Item no.	Dimensions in mm (WxDxH)
98.221M	980 x 500 x 1000





## Individual arrangement



## Housing with $\ensuremath{\mathcal{Q}}$ 80 mm casters and push handle

■ Total height = usable height + 120 mm + 100 mm

Item no.	Dimensions in mm (WxDxH)	Usable height in mm
01.096M80	980 x 500 x 730	500
01.097M80	980 x 500 x 830	600
01.098M80	980 x 500 x 930	700
01.099M80	980 x 500 x 1030	800
01.090M80	980 x 500 x 1130	900



Housing with  $\varnothing$  125 mm casters and push handle

■ Total height = usable height + 120 mm + 160 mm



Item no.	Dimensions in mm (WxDxH)	Usable height in mm
01.096M125	980 x 500 x 780	500
01.097M125	980 x 500 x 880	600
01.098M125	980 x 500 x 980	700
01.099M125	980 x 500 x 1080	800
01.090M125	980 x 500 x 1180	900

#### Ribbed rubber mat on cabinet

Oil-proof

Item no.	Dimensions in mm (WxDxH)
65.090.530	980 x 500 x 3

#### Metal roll-off edge on 3 sides

■ 20 mm height

Item no.	Dimensions in mm (WxDxH)
66.098.025	980 x 500 x 20

#### Cover plate

■ Beech multiplex, oiled, 25 mm

Item no.	Dimensions in mm (WxDxH)
67.098.017	980 x 500 x 25

## **Cover plate**

- Melamine resin coated chipboard
- RAL 7035, 19 mm, screwable

Item no.	Dimensions in mm (WxDxH)
67.098.016	980 x 500 x 19

## **Drawers**

■ 900 x 400 mm (WxD)

60.098.075VA 75 59 60 50 kg 100 85 90 50 kg 60.098.100VA 50 kg 60.098.150VA 150 135 140 60.098.200VA 200 185 190 50 kg 60.098.250VA 250 185 240 50 kg 60.098.300VA 300 185 290 50 kg 60.098.100VA-75 100 85 90 75 kg 60.098.150VA-75 150 135 140 75 kg 60.098.200VA-75 200 185 190 75 kg 60.098.250VA-75 250 185 240 75 kg 60.098.300VA-75 300 185 290 75 kg

## Mobile drawer cabinets | 500 mm depth





	100
	100
	100
	150
	130
	150
	200
	200
The second secon	
100	
rawer	
erforated side wall	
cholated side wall	

- 5x (
- 1x p
- 1x depositing box
- Incl. roll-off edge on 3 sides and ribbed rubber mat
- 4x steering caster, thereof 2 with locks, Ø 125 mm

ltem no.	Dimensions in mm (WxDxH)	Version
68.221M	680 x 500 x 1000	Drawer cabinet
03.983.680	500 x 819 (WxH)	Perforated side wall

## Accessories for perforated wall system

■ 4x steering caster, thereof 2 with locks, Ø 125 mm

530 x 500 x 800



#### Range of hooks, 10 parts

■ 7x tool holder with inclined end

03.983.530 530 x 30 x 605

- 2x double tool holder
- 1x tool clamp

46.500M

Item no.	
03.87.395-10	



## **DIN A4 brochure holder**

Item no.	Dimensions in mm (W x H)
03.87.398	220 x 330



#### Depositing box

Drawer cabinet

Perforated wall setup

- Dimensions in mm (WxDxH): 500 x 90 x 85
- For hanging into the support columns

Item no.	Version for
03.983.53.1	Perforated wall setup
03.983.736.1	Perforated side wall



## Can holder, single

■ Width 100 mm

Item no.	Dimensions in mm (Ø)
03.87.369	70



#### Rail for open fronted storage bins

• For hanging on the perforated wall

Item no.	Width in mm
03.900.06	300
03.900.05	450



#### Drill/hex key holder (various dia.)

■ 200/390 x 30 x 35, dimensions in mm  $(W \times D \times H)$ 

Item no.	Version
03.87.378	for 14 pieces
03.87.379	for 28 pieces

# **Mobile drawer cabinets**

Grid: R 12-14 R 24-12 R 24-16 R 12-16 R 18-16 R 24-16 R 36-16 R 18-24 R 24-24 R 36-24 R 48-24

## Mobile drawer cabinets 1060 mm width | 500 mm depth

- Drawer interior dimension 450 x 400 mm
- With individual interlocking and 2 housing variants
- With full pull-out 100 %, load capacity per drawer 50 kg
- Push handle
- Cylinder lock with two keys
- 4x steering caster, thereof 2 with locks, Ø 125 mm
- Suitable divider material see page 73



- Left: 4x drawer
- Right: 1x hinged door, 1x shelf
- Incl. roll-off edge on 4 sides and ribbed rubber mat

Item no.	Dimensions in mm (WxDxH)
04.11.04	1060 x 500 x 1000

## Individual arrangement

#### Hinged door

- Hinges on the right and left are possible
- Twist lock cylinder lock with 2 keys

TWIST TOCK CYMTACT TOCK WITH Z Keys	
Item no.	Usable heights (mm)
01.053.700E	700

#### Shelf

Item no.	Dimensions in mm (WxDxH)
04 053 013	475 x 443 x 22

## Ribbed rubber mat on cabinet

Oil-proof

Item no.	Dimensions in mm (WxDxH)	
65.1060.530	1060 x 500 x 3	

## Metal roll-off edge on 3 sides

■ 20 mm height

Item no.	Dimensions in mm (WxDxH)
04.11.01	1060 x 500 x 20

#### **Cover plate**

■ Beech multiplex, oiled, 25 mm

Item no.	Dimensions in mm (WxDxH)	
67 1060 25	1060 x 500 x 25	

## **Cover plate**

- Melamine resin coated chipboard
- RAL 7035, 16 mm, screwable

Item no.	Dimensions in mm (WxDxH)
67.1060.016	1060 x 500 x 25



Mobile drawer cabinet with 2x empty housing, 1x push handle, 4x steering caster Ø 125 mm, usable height 700 mm

Item no.	Dimensions in mm (WxDxH)
04.1100LG	1060 x 500 x 980

## **Drawers**

■ 450 x 400 mm (WxD)

Divider material see page 51

`	,			
Item no.	Front height in mm	Shell height in mm	Usable height in mm	Load capacity
60.046.075VA	75	59	60	50 kg
60.046.100VA	100	85	90	50 kg
60.046.150VA	150	135	140	50 kg
60.046.200VA	200	185	190	50 kg
60.046.250VA	250	185	240	50 kg
60.046.300VA	300	185	290	50 kg
60.046.100VA-75	100	85	90	75 kg
60.046.150VA-75	150	135	140	75 kg
60.046.200VA-75	200	185	190	75 kg
60.046.250VA-75	250	185	240	75 kg
60.046.300VA-75	300	185	290	75 kg

R 18-16 **Mobile logistics systems** 

## Workshop trolley 1060 mm width | 500 mm depth



- Drawer interior dimension 450 x 400 mm
- Roll-off edge on 4 sides
- Lockable telescopic roll-off edge with storage space
- 4x centre compartment rail, top, 1x support surface
- With full pull-out 100 %, load capacity per drawer 50 or 75 kg
- Aluminium handle bar with labelling strip
- Central locking with single pull-out lock
- Double locking of the drawers by means of individual interlocking
- 4x steering caster, thereof 2 with locks, Ø 125 mm
- Suitable divider material see page 73



- 4x drawer
- 2x ribbed rubber mat
- 1x shelf
- Incl. perforated side wall

Item no.	Dimensions in mm (WxDxH)
04.116.09	1060 x 500 x 1010

## Individual arrangement





Divider material see



#### Hinged door

- Hinges on the right and left are possible
- Twist lock cylinder lock with 2 keys

Item no.	Usable heights (mm)
01.053.500E	500

## Shelf

Item no.	Dimensions in mm (WxDxH)
04.053.013	475 x 443 x 22



#### Open fronted storage bins

Polypropylene

Item no.	Dimensions in mm (WxDxH)
03.900.003	145 x 235 / 195 x 125
03.900.004	200 x 350 / 300 x 145
03.900.005	200 x 350 / 300 x 200

Mobile workshop trolley Empty housing, 1x push handle,

4x steering caster Ø 125 mm, usable height 500 mm incl. perforated wall, shelf and lockable telescopic roll-off edge

Item no.	Dimensions in mm (WxDxH)
04.116LG	1060 x 500 x 1010

## **Drawers**

■ 450 x 400 mm (WxD)

60.046.075VA 75 59 60 50 kg 100 85 90 50 kg 150 135 140 50 kg 200 185 190 50 kg 250 185 240 50 kg

# **Mobile drawer cabinets**

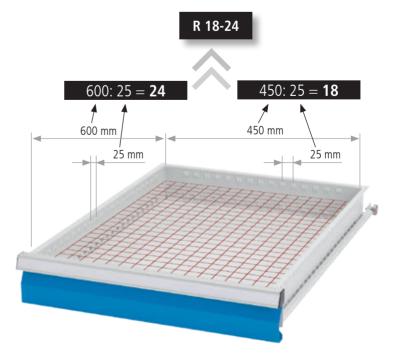
# T736 mobile drawer cabinets

- 2x steering caster with locks, 2x fixed caster, Ø 125 mm
- Drawers with full pull-out (FP) 100%
- Drawers with 50 mm front height, load capacity 70 kg
   Drawers from 75 mm front height, load capacity 100 kg
- Aluminium handle bars with labelling strip
- Central locking with single pull-out lock
- Double locking of the drawers by means of individual interlocking
- Plastic push handles
- Roll-off edge on 3 sides





# Grid subdivision



# bedrunka+hirth

# Mobile logistics systems

Series	Series	Series
T736	T736	T736







	Housing W x D	Housing W x D	Housing W x D
	555 x 736	705 x 736	1005 x 736
Height	Usable heights	Usable heights	Usable heights
519	400	400	400
619	500	500	500
719	600	600	600
819	700	700	700
919	800	800	800
1019	900	900	900
1219	1100	1100	1100
1319	-	1200	1200
1519	_	1400	1400







		Drawer W x D	Drawer W x D	Drawer W x D
		450 x 600	600 x 600	900 x 600
Height	Shell height	Load capacity	Load capacity	Load capacity
50	28	70 kg	70 kg	70 kg
75	56	100 kg	100 kg	100 kg
100	81	100 kg	100 kg	100 kg
125	81	100 kg	100 kg	100 kg
150	131	100 kg	100 kg	100 kg
175	131	100 kg	100 kg	100 kg
200	181	100 kg	100 kg	100 kg
250	181	100 kg	100 kg	100 kg
300	181	100 kg	100 kg	100 kg
400	81	100 kg	100 kg	100 kg
		$\Rightarrow$	$\Rightarrow$	$\Rightarrow$
		Series	Series	Series
		T736	T736	T736
		T736 18-24	T736 24-24	T736 36-24
G	cid:	R 18-24	R 24-24	R 36-24



# Mobile drawer cabinets

Grid: R 12-14 R 24-12 R 24-16 R 12-16 R 18-16 R 24-16 R 36-16 R 18-24 R 24-24 R 36-24 R 48-24

## 555 mm width | 736 mm depth

- Drawer interior dimension 450 x 600 mm
- Drawers with full pull-out 100 %
- Drawers with 50 mm front height, load capacity 70 kg
   Drawers from 75 mm front height, load capacity 100 kg
- Aluminium handle bars with labelling strip
- Central locking with single pull-out lock
- Double locking of the drawers by means of individual interlocking
- 2x steering caster with locks, 2x fixed caster, Ø 125 mm
- Suitable divider material see page 97
- Plastic push handle
- 5x drawer
- Incl. roll-off edge on 3 sides and ribbed rubber mat

Item no.	Dimensions in mm (WxDxH)
04.10.05V	555 x 736 x 990



## Individual arrangement





Divider material see

page 75

100 kg

100 kg

100 kg

## Housing with $\varnothing$ 125 mm casters and push handle

■ Total height = usable height + 120 mm +150 mm

Item no.	Dimensions in mm (WxDxH)	Usable height in mm
0550M125	555 x 736 x 670	400
0560M125	555 x 736 x 770	500
0570M125	555 x 736 x 870	600
0580M125	555 x 736 x 970	700
0590M125	555 x 736 x 1070	800
0500M125	555 x 736 x 1170	900

## Ribbed rubber mat on cabinet

Oil-proof

Item no.	Dimensions in mm (WxDxH)
65.050.730	555 x 736 x 3

#### Metal roll-off edge on 3 sides

20 mm height

Item no.	Dimensions in mm (WxDxH)
66.050.025	555 x 736 x 20

## **Cover plate**

■ Beech multiplex, oiled, 25 mm

Item no.	Dimensions in mm (WxDxH)
67.050.017	555 x 736 x 25

## **Cover plate**

- Melamine resin coated chipboard
- RAL 7035, 16 mm, screwable

Item no.	Dimensions in mm (WxDxH)
67.050.016	555 x 736 x 16

#### **Drawers**

60.50.250V10

60.50.300V10

■ 450 x 600 mm (WxD) with full pull-out 100 % - 70/100 kg

250

300

60.50.050V07 50 30 70 kg 60.50.075V10 75 56 58 100 kg 60.50.100V10 100 83 100 kg 60.50.125V10 125 81 108 100 kg 60.50.150V10 150 131 133 100 kg 60.50.175V10 175 131 158 100 kg 60.50.200V10 200 181 183 100 kg

233

283

181

181



R 18-24 **Mobile logistics systems** 

# Mobile drawer cabinets 555 mm width | 736 mm depth





- 7x drawer
- Incl. roll-off edge on 3 sides and ribbed rubber mat
- 1x perforated wall setup

Item no.	Dimensions in mm	Version
04.10.07V	555 x 736 x 990	Drawer cabinet
03.983.580	555 x 604	Perforated wall setup



- 4x drawer
- Incl. roll-off edge on 3 sides and ribbed rubber mat
- 1x perforated side wall
- 1x depositing box

Item no.	Dimensions in mm	Version
04.10.04V	555 x 736 x 990	Drawer cabinet
03.983.581	720 x 604	Perforated side wall

## Accessories for perforated wall system



## Rail for open fronted storage bins

For hanging on the perforated wall

Item no.	Width in mm
03.900.06	300
03.900.05	450



## Machine holder

Item no.	Dimensions in mm (Ø)
03.87.357	40
03.87.358	60
03.87.359	80



## Open fronted storage bins

■ Polypropylene

ltem no.	Dimensions in mm (WxDxH)
03.900.001	100 x 95 / 65 x 50
03.900.002	100 x 175 / 140 x 75
03.900.003	145 x 235 / 195 x 125
03.900.004	200 x 350 / 300 x 145
03.900.005	200 x 350 / 300 x 200



#### Round holder

Item no.	Dimensions in mm (WxD)
03.87.355	65 x 25



## **Depositing box**

- Dimensions in mm (WxDxH): 730 x 90 x 85
- For hanging into the support columns

Item no.	Version for
03.983.53.1	Perforated wall setup
03.983.736.1	Perforated side wall

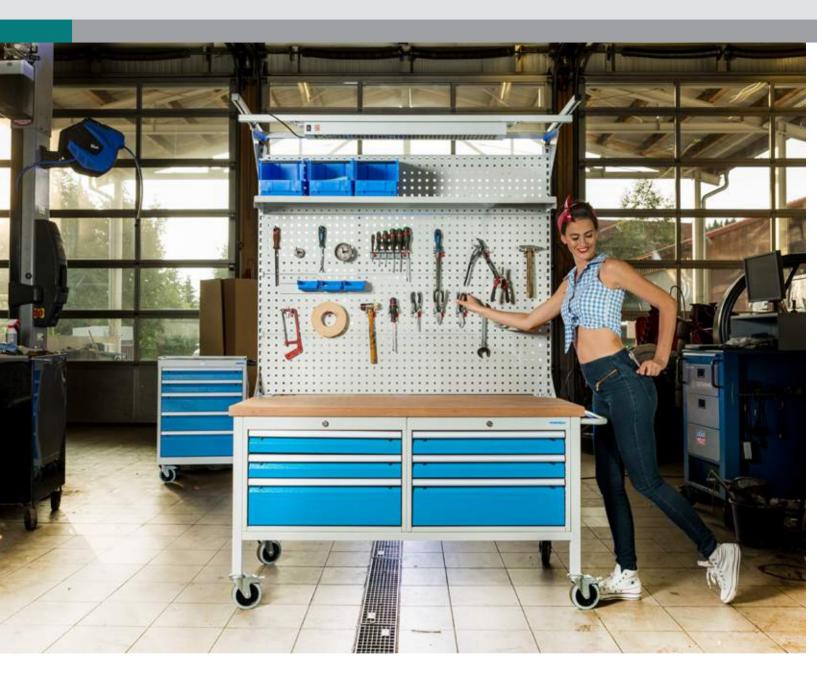


## **Double tool clamp**

Item no.	Dimensions in mm (Ø)
03.87.341	6
03.87.342	10
03.87.343	13
03.87.344	16
03.87.345	19



# Mobile workbenches



# Mobile workbenches





## Mobile workbench with shelves

- Beech multiplex worktop 25 mm
- 4x steering caster, Ø 125 mm, thereof 2 with locks
- Push handle

Item no.	Dimensions in mm (WxDxH)	Designation
04.512.20	1200 x 540 x 880	1x shelf
04.512.30	1200 x 540 x 880	2x shelf

#### Mobile workbench with shelves

- Beech multiplex worktop 25 mm
- 4x steering caster, Ø 125 mm, thereof 2 with locks
- Push handle

Item no.	Dimensions in mm (WxDxH)	Designation
04.515.20	1500 x 540 x 880	1x shelf
04.515.30	1500 x 540 x 880	2x shelf



## Mobile worktable

- Beech multiplex worktop 40 mm
- 1x beech multiplex shelf 25 mm
- 4x steering caster, Ø 125 mm, thereof 2 with locks
- Push handle

Item no.	Dimensions in mm (WxDxH)
04.12.01	1250 x 750 x 859
04.15.01	1500 x 750 x 859
04.20.01	2000 x 750 x 859



## Mobile worktable

- Beech multiplex worktop 40 mm
- 1x beech multiplex shelf 25 mm
- 2x fixed and 2x steering caster with locks, Ø 200 mm
- Push handle

Item no.	Dimensions in mm (WxDxH)
04.12.02	1250 x 750 x 995 mm
04.15.02	1500 x 750 x 995 mm
04.20.02	2000 x 750 x 995 mm



# Mobile workbenches

Grid: R 12-14 R 24-12 R 24-16 R 12-16 R 18-16 R 24-16 R 36-16 R 18-24 R 24-24 R 36-24 R 48-24

## Mobile workbenches 1200 mm width | 540 mm depth



- Beech multiplex worktop 25 mm
- Drawer interior dimension 450 x 400 mm
- Drawers with full pull-out (FP) 100 %, load capacity 50 or 75 kg
- Cylinder lock with two keys



1	nigiit. 5x u	IdWei
	tem no	Dimensions in mm

Item no.	Dimensions in mm (WxDxH)
04.512.03	1200 x 540 x 880

- Push handle
- 4x steering caster, thereof 2 with locks, Ø 125 mm
- Suitable divider material see page 73



Right: 5x drawer

Item no.	Dimensions in mm (WxDxH)
04.512.05	1200 x 540 x 880

## Individual arrangement



Mobile workbench 1x empty housing, 2x wooden shelf, 1x push handle, 4x steering caster, thereof 2 with locks, Ø 125 mm, usable height 500 mm

Item no.	Dimensions in mm (WxDxH)
04.512M	1200 x 540 x 880

## **Drawers**

■ 450 x 400 mm (WxD)

Divider material see page 51

## **Hinged door**

- Hinges on the right and left are possible
- Twist lock cylinder lock with 2 keys

Item no.	Usable heights (mm)
01.053.500E	500

## Shelf

Item no.	Dimensions in mm (WxDxH)
04.053.013	475 x 443 x 22

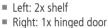
<u> </u>				
Item no.	Front height in mm	Shell height in mm	Usable height in mm	Load capacity
60.046.075VA	75	59	60	50 kg
60.046.100VA	100	85	90	50 kg
60.046.150VA	150	135	140	50 kg
60.046.200VA	200	185	190	50 kg
60.046.250VA	250	185	240	50 kg
60.046.300VA	300	185	290	50 kg
60.046.100VA-75	100	85	90	75 kg
60.046.150VA-75	150	135	140	75 kg
60.046.200VA-75	200	185	190	75 kg
60.046.250VA-75	250	185	240	75 kg
60.046.300VA-75	300	185	290	75 kg
00.040.300VA-73	300	100	290	75 Kg

R 18-16 Mobile logistics systems

## Mobile workbenches 1200 mm width | 540 mm depth

- Beech multiplex worktop 25 mm
- Drawer interior dimension 450 x 400 mm
- Drawers with full pull-out (FP) 100 %, load capacity 75 kg
- Cylinder lock with two keys
- Push handle
- 4x steering caster, thereof 2 with locks, Ø 125 mm





Item no.	Dimensions in mm (WxDxH)
04.512.01	1200 x 540 x 880



■ Left: 2x shelf | Right: 4x drawer

## Multi-board setup

 With 2x support column, 1x perforated wall, 1x magnetic board, 1x A4 info pouch

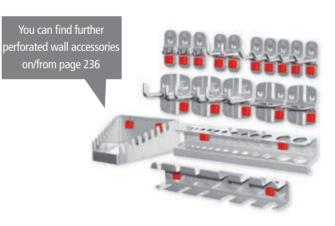
Item no.	Dimensions in mm (WxDxH)
04.512.04	1200 x 540 x 880
03.900.12.02	Multi-board setup 1000 x 650



#### Multi-board setup

- 2x support column
- 1x perforated wall
- 1x magnetic board
- 2x shelf, 220 mm

Item no.	Dimensions in mm (WxDxH)
03.900.12.01	1000 x 220 x 950



## Range of hooks, 18 parts

- 5x tool holder with inclined end
- 2x tool holder with vertical end
- 3x double tool holder
- 3x tool clamp
- 2x pliers holder
- 1x drill holder
- 1x spanner holder
- 1x screwdriver holder

item no.	
03.87.395-18	



# Mobile workbenches

Grid: R 12-14 R 24-12 R 24-16 R 12-16 R 18-16 R 24-16 R 36-16 R 18-24 R 24-24 R 36-24 R 48-24

## Mobile workbenches 1250 mm width | 750 mm depth



- Beech multiplex worktop 40 mm
- Drawer interior dimension 450 x 600 mm
- Usable height of housing 400 mm
- Cylinder lock with two keys
- Push handle



Right: 1x drawer

Item no.	Dimensions in mm (WxDxH)
04.12.04V	1250 x 750 x 859

- Drawers with full pull-out 100 %
- Drawers with 50 mm front height, load capacity 70 kg Drawers from 75 mm front height, load capacity 100 kg
- 4x steering caster, Ø 125 mm, thereof 2 with locks
- Suitable divider material see page 97



Right: 4x drawer

Item no.	Dimensions in mm (WxDxH)
04.12.05V	1250 x 750 x 859

## Individual arrangement

4x steering caster, Ø 125 mm, thereof 2 with locks Usable height 400 mm, 1x push handle



Item no.	Dimensions in mm (WxDxH)
04.12.859-1M	1250 x 750 x 859



Item no.	Dimensions in mm (WxDxH)
04.12.859-2M	1250 x 750 x 859

## **Drawers**

■ 450 x 600 mm (WxD) with full pull-out 100 % - 70/100 kg

Divider material see page 75



## **Hinged doors**

Item no.	Usable heights (mm)	side
03.050.400EL	400	left
03.050.400ER	400	right

## Shelf

Item no.	Dimensions in mm (WxDxH)
03.1094.01	499 x 705 x 20

1 430 x 666 min (WXD) with run pun out 166 % 76/166 kg				
Item no.	Front height	Shell height	Usable height	Load capacity
60.50.050V07	50	28	30	70 kg
60.50.075V10	75	56	58	100 kg
60.50.100V10	100	81	83	100 kg
60.50.125V10	125	81	108	100 kg
60.50.150V10	150	131	133	100 kg
60.50.175V10	175	131	158	100 kg
60.50.200V10	200	181	183	100 kg
60.50.250V10	250	181	233	100 kg
60.50.300V10	300	181	283	100 kg

Mobile logistics systems R 18-24

## Mobile workbenches 1250 mm width | 750 mm depth



- Beech multiplex worktop 25 mm
- Drawer interior dimension 450 x 600 mm
- Usable height of housing 600 mm
- Cylinder lock with two keys
- Push handle



- Right: 1x hinged door, 1x shelf

Item no.	Dimensions in mm (WxDxH)
04.12.19V	1250 x 750 x 935

- Drawers with full pull-out 100 %
- Drawers with 50 mm front height, load capacity 70 kg Drawers from 75 mm front height, load capacity 100 kg
- 4x steering caster, Ø 125 mm, thereof 2 with locks
- Suitable divider material see page 97



- Left: 3x drawer
- Right: 3x drawer

Item no.	Dimensions in mm (WxDxH)
04.12.23V	1250 x 750 x 935

## Individual arrangement





- Hinges on the right and left are possible
- Twist lock cylinder lock with 2 keys

Item no.	Usable heights (mm)
03.050.600	600

## Shelf

Item no.	Dimensions in mm (WxDxH)
03.1094.01	499 x 705 x 20

#### Rear edge profile

Item no.	Width in mm
RPA125	1250

## Workbench top end profiles on 3 sides

Item no.	Dimensions in mm (WxD)
PA.1275.12	1250 x 750

Mobile workbench 2x empty housing, 1x push handle, 4x steering caster Ø 125 mm, thereof 2 with locks Usable height 600 mm

Item no.	Dimensions in mm (WxDxH)
04.12.935M	1250 x 750 x 935

#### **Drawers**

■ 450 x 600 mm (WxD) with full pull-out 100 % - 70/100 kg





100 X 000 11111 (11X2	,	ut . 00 /0 / 0/	. o o . kg	100%
Item no.	Front height	Shell height	Usable height	Load capacity
60.50.050V07	50	28	30	70 kg
60.50.075V10	75	56	58	100 kg
60.50.100V10	100	81	83	100 kg
60.50.125V10	125	81	108	100 kg
60.50.150V10	150	131	133	100 kg
60.50.175V10	175	131	158	100 kg
60.50.200V10	200	181	183	100 kg
60.50.250V10	250	181	233	100 kg
60.50.300V10	300	181	283	100 kg



Grid: R 12-14 R 24-12 R 24-16 R 12-16 R 18-16 R 24-16 R 36-16 R 18-24 R 24-24 R 36-24 R 48-24

## Mobile workbenches 1250 mm width | 750 mm depth



- Beech multiplex worktop 40 mm
- Drawer interior dimension 450 x 600 mm
- Usable height of housing 600 mm
- Cylinder lock with two keys
- Push handle



- Left: 4x drawer
- Right: 5x drawer

Item no.	Dimensions in mm (WxDxH)
04.12.29V	1250 x 750 x 995

- Drawers with full pull-out 100 %
- Drawers with 50 mm front height, load capacity 70 kg
   Drawers from 75 mm front height, load capacity 100 kg
- 2x fixed and 2x steering caster with locks, Ø 200 mm
- Suitable divider material see page 97



- Left: 4x drawer
- Right: 4x drawer

Item no.	Dimensions in mm (WxDxH)
04.12.28V	1250 x 750 x 995

## Individual arrangement



#### Hinged door

- Hinges on the right and left are possible
- Twist lock cylinder lock with 2 keys

Item no.	Usable heights (mm)
03.050.600	600

#### Shelf

Item no.	Dimensions in mm (WxDxH)
03.1094.01	499 x 705 x 20

#### Rear edge profile

Item no.	Width in mm
RPA125	1250

#### Workbench top end profiles on 3 sides

Item no.	Dimensions in mm (WxD)
PA.1275.12	1250 x 750

Mobile workbench 2x empty housing, 1x push handle, 2x fixed and 2x steering caster with locks, Ø 200 mm Usable height 600 mm

Item no.	Dimensions in mm (WxDxH)
04.12.995M	1250 x 750 x 995

#### **Drawers**

■ 450 x 600 mm (WxD) with full pull-out 100 % — 70/100 kg

Divider material see page 75



	, pa s			100%
Item no.	Front height	Shell height	Usable height	Load capacity
60.50.050V07	50	28	30	70 kg
60.50.075V10	75	56	58	100 kg
60.50.100V10	100	81	83	100 kg
60.50.125V10	125	81	108	100 kg
60.50.150V10	150	131	133	100 kg
60.50.175V10	175	131	158	100 kg
60.50.200V10	200	181	183	100 kg
60.50.250V10	250	181	233	100 kg
60.50.300V10	300	181	283	100 kg



## Mobile workbenches 1200 mm width | 540 mm depth

kg 500

- Beech multiplex worktop 25 mm
- Drawer interior dimension 450 x 400 mm
- Drawer guides on ball-bearings

Drawers with full pull-out 100 %, load capacity 75 kg
2 x fixed casters and 2 x steering casters with lock, Ø 200 mm



- Left: 4x drawer
- Right: 4x drawer

Item no.	Dimensions in mm (WxDxH)
04.12.93	1200 x 540 x 820



- Left: 4x drawer
- Right: 2x beech multiplex shelf 25 mm

Item no.	Dimensions in mm (WxDxH)
04.12.91	1200 x 600 x 820



- Left: 1x hinged door
- Right: 2x beech multiplex shelf 25 mm

Item no.	Dimensions in mm (WxDxH)
04.12.90	1200 x 540 x 820



- Left: 4x drawer
- Right: 1x hinged door

Item no.	Dimensions in mm (WxDxH)
04.12.92	1200 x 540 x 820

## Drawer inserts, internal dimension 450 x 400 mm



## Metal divider | 8 parts

- 2x CCR 400 mm
- 6x DIV 150 mm

Item no.	Front height in mm
146-139-100	100



#### Metal divider | 15 parts

- 3x CCR 400 mm
- 9x DIV 100 mm
- 3x DIV 150 mm

Item no.	Front height in mm
146-142-100	100



## Small parts boxes | 12 parts

- 3x SPB 150 x 150 mm
- 4x SPB 75 x 150 mm
- 4x SPB 75 x 75 mm
- 1x CCR 450 mm

Item no.	Front height in mm
146-132	100

 $\mathsf{CCR} = \mathsf{Centre} \ \mathsf{compartment} \ \mathsf{rails}, \ \mathsf{DIV} = \mathsf{Divider}, \ \mathsf{SPB} = \mathsf{Small} \ \mathsf{Parts} \ \mathsf{Box}, \ \mathsf{TP} = \mathsf{Trough} \ \mathsf{Plate}, \ \mathsf{SDIV} = \mathsf{Slot-in} \ \mathsf{divider}$ 

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R 24-12 R 24-16 R 12-16 R 18-16 R 36-16 R 24-24 R 36-24 R 48-24 R 12-14 R 24-16 R 18-24

## Mobile workbenches 1500 mm width | 750 mm depth

- Beech multiplex worktop 40 mm
- Drawer interior dimension 600 x 600 mm
- Usable height of housing 400 mm
- Drawers with full pull-out 100 %
- Drawers with 50 mm front height, load capacity 70 kg Drawers from 75 mm front height, load capacity 100 kg
- Cylinder lock with two keys
- Push handle
- 4x steering caster, Ø 125 mm, thereof 2 with locks
- Suitable divider material see page 105





Right: 1x drawer 400 mm, load capacity 180 kg

Item no.	Dimensions in mm (WxDxH)	
04.15.14V	1500 x 750 x 859	



Right: 3x drawer

Item no	Dimensions in mm	(W

Item no.	Dimensions in mm (WxDxH)	
04.15.43V	1500 x 750 x 859	

## Individual arrangement



#### **Hinged door**

- Hinges on the right and left are possible
- Twist lock cylinder lock with 2 keys

		Usable heights (mm)	
	03.070.400E	400	

Usable height 400 mm

1500 x 750 x 859

04.15.859M

Shelf

Item no.	Dimensions in mm (WxDxH)	
03.1094.00	649 x 705 x 20	

#### Rear edge profile

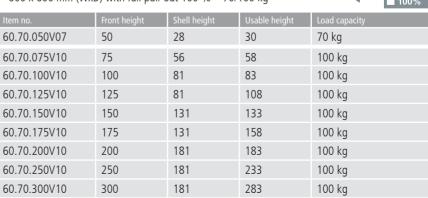
Item no.	Width in mm
RPA150	1500

#### Workbench top end profiles on 3 sides

Item no.	Dimensions in mm (WxD)
PA150	1500 x 750

page 83

■ 600 x 600 mm (WxD) with full pull-out 100 % - 70/100 kg





R 24-24 Mobile logistics systems

- Beech multiplex worktop 40 mm
- Drawer interior dimension 600 x 600 mm
- Usable height of housing 400 mm
- Drawers with full pull-out 100 %, load capacity 100 kg
- Push handle
- 4x steering caster, Ø 125 mm, thereof 2 with locks



- Left: 4x drawer
- Right: 1x hinged door

Item no.	Dimensions in mm (WxDxH)	
04.15.41V	1500 x 750 x 859	



- Left: 3x drawer
- Right: 3x drawer

## Multi-board

- 2x support column, 1x overhead frame, 1x equipment rail
- 1x perforated wall, 1x magnetic board, 1x shelf, 320 mm

Item no.	Dimensions in mm	Version
04.15.33V	1500 x 750 x 859	Mobile workbench
03.900.15.30	1500 x 1250	Multi-board



## Multi-board

- 2x support column
- 1x shelf, 220 mm, 1x perforated wall, 1x magnetic board

Item no.	Dimensions in mm (WxDxH)	Version
04.15.22V	1500 x 750 x 859	Mobile workbench
03.900.15.32	1500 x 1250	Multi-board



- Left: 1x hinged door
- Right: 4x drawer

## Multi-board

- 2x support column
- 1x magnetic board, 1x shelf, 220 mm, 1x shelf, 320 mm

Item no.	Dimensions in mm	Version
04.15.24V	1500 x 750 x 859	Mobile workbench
03.900.15.31	1500 x 1250	Multi-board

Supplied without hooks, boxes and decoration



# Mobile computer, measuring and testing stations

Besides standard products in various widths and heights with extensive accessory parts, we also manufacture customer-related solutions and tailor-made products for your production and/or storage area. Simply ask us!





#### Media stand

- Plastic roller shutters, lockable, top
- Perforated double hinged door, lockable, bottom
- 1x shelf
- Cable passage in rear wall
- 4x steering caster Ø125, thereof 2 with locks
- 2x push handle

Item no.	Dimensions in mm (WxDxH)
04.RC.01	1250 x 500 x 1757

#### Coffee stand with lateral folding table

- Plastic roller shutters, lockable, top
- 1x hinged door
- 2x shelf
- Lateral folding table, beech multiplex 25 mm
- Cable passage in rear wall
- 4x steering caster Ø125, thereof 2 with locks
- 2x push handle

Item no.	Dimensions in mm (WxDxH)
04.RC.02	600/1400 x 700 x 1757

All models are intended for the holding of IT hardware components. Equipped to customer requirements.

#### **Advantages**

- All models are available in stationary and mobile versions
- Stable sheet steel constructions with a powder coating
- Cable passages on the rear
- Ventilation slots/square holes
- Individually configured or according to our arrangement
- Supplied fully assembled

## **Computer cabinet**

Mobile add-on:

- $\blacksquare$  2x fixed and 2x steering caster with locks, Ø 125 mm Computer cabinet:
- Hinged door: top H 727, bottom H 979 mm
- Keyboard drawer: H 84 mm with anti-slip mat
- Pull-out shelf
- Fan
- Socket bar, 4x with connection cable

Item no.	Dimensions in mm (WxDxH)	Description
04.118.601	680 x 600 x 160	Mobile add-on
04.118.05	680 x 736 x 160	Mobile add-on
04.118.600	680 x 600 x 1838	Computer cabinet
04.118.003	680 x 736 x 1838	Computer cabinet





#### **Computer cabinet | Stationary**

- Hinged door: top H 558, bottom H 630 mm
- Keyboard drawer: H 84 mm
- Fan
- 1x 4-way socket bar with connection cable

Item no.	Dimensions in mm (WxDxH)
04.118.002	680 x 736 x 1320



## Computer cabinet | Stationary or mobile

- Computer housing made of high-quality thin sheet metal with one vertical and one horizontal partition wall and 1 x keyboard drawer
- 1x 4-way socket bar
- Monitor attachment housing incl. keyboard drawer
- Mobile add-on: 2x fixed and 2x steering caster with locks, Ø 125 mm

Item no.	Dimensions in mm (WxDxH)	Description
04.118.609	1005 x 600 x 160	Mobile add-on: 2x fixed and 2x steering caster with locks, Ø 125 mm
04.118.608	1005 x 600 x 820	Computer housing
04.118.607	680 x 600 x 820	Monitor attachment housing



# Mobile computer, measuring and testing stations

## Mobile office | Stationary or mobile









- Computer cabinet with 1x shelf
- 2x hinged door
- 1x drawer, 100 mm
- Energy duct with 4x earthed sockets and monitor bracket
- Square holes in rear wall for ventilation

Pos.	Item no.	Dimensions in mm (WxDxH)	Description
1	01.098.009	980 x 500 x 150	Mobile add-on: - 4x steering caster, thereof 2 with locks, Ø 125 mm
2	04.980.30	463 x 211	Tray
3	04.980.02	980 x 500 x 1020	Housing with hinged doors
4	60.098.100VA	900 x 400 x 100	Drawer FH 100 mm
5	03.12.25	1200 x 600 x 25	Beech multiplex worktop 25mm
6	07.861.10.14	1000 x 60 x 130	Energy duct with 1x 4-way socket
7	07.98.20	333 x 320	Monitor bracket complete with pivot arm
	04.980.01	1200 x 600 x 1196	Mobile office, as illustrated

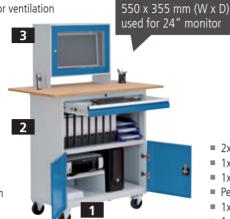




## Computer trolley | Stationary or mobile

Mobile logistics systems

- Stationary or mobile
- Cable passages
- Square holes in rear wall for ventilation





- Beech multiplex top 25 mm
- 2x hinged door
- 1x drawer, 100 mm
- 1x monitor attachment housing
- Window cutout, 355 x 550 mm
- 1x roller base, Ø 125 mm

Pos.	Item no.	Dimensions in mm (WxDxH)	Description
1	01.098.009	980 x 500 x 150	Mobile add-on: 4x steering caster, thereof 2 with locks, Ø 125 mm
2	04.980.03	980 x 500 x 1044	Housing with hinged doors and worktop
3	04.110.CM	700 x 300 x 600	Monitor attachment housing
	04.980.04	1200 x 700 x 1796	Computer trolley, as illustrated



Visible area:

- 2x hinged door
- 1x keyboard pull-out
- 1x shelf
- Perforated rear wall
- 1x inclined shelf
- 1x flat screen bracket with VESA screw connection
- 1x roller base, Ø 125 mm
- 1x 4-way socket



Pos.	Item no.	Dimensions in mm (WxDxH)	Description
1	01.068.009	680 x 500 x 150	Mobile add-on: 4x steering caster, thereof 2 with locks, Ø 125 mm
2	04.680.01	680 x 500 x 820	Housing with hinged doors
3	04.680.PA	680 x 500 x 640	Perforated wall with flat screen bracket + desk attachment and pull-out drawer
	04.680.C125	680 x 500 x 1610	Computer trolley, as illustrated



- 1x hinged door
- Beech multiplex top 25 mm
- 1x drawer, 100 mm
- 1x roller base, Ø 125 mm
- 1x 4-way socket

Pos.	Item no.	Dimensions in mm (WxDxH)	Description
1	01.046.009	530 x 500 x 150	Mobile add-on: 4x steering caster, Ø 125 mm, thereof 2 with locks
2	04.530.01	530 x 500 x 820	Housing with hinged door, 1x shelf, 1x socket bar and 1x drawer
3	03.53/50.25	530 x 500 x 25	Beech multiplex top 25 mm
	04.530.02	530 x 500 x 1000	Computer trolley, as illustrated





- 2x hinged door
- Beech multiplex top 25 mm
- 1x monitor attachment housing
- Window cutout, 355 x 550 mm
- 1x roller base, Ø 125 mm
- 1x 4-way socket

Pos.	Item no.	Dimensions in mm (WxDxH)	Description
1	01.068.009	680 x 500 x 150	Mobile add-on: 4x steering caster, Ø 125 mm, thereof 2 with locks
2	04.680.10	700 x 500 x 820	Housing with hinged doors, top and 1x shelf
3	04.110.CM	700 x 300 x 600	Monitor attachment housing
	04.680.02	750 x 500 x 1600	Computer trolley, as illustrated



# Mobile computer, measuring and testing stations

## Computer trolley 105 | Stationary or mobile

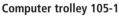
- Hinged door cabinet with or without desk attachment
- Attachment parts such as perforated walls and monitor brackets with VESA screw connection can be retrofitted.
- Stationary or mobile
- Cable passages
- Square holes in rear wall for ventilation







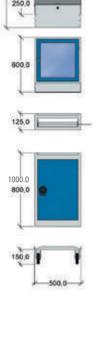




- 1x hinged door
- 1x drawer
- 2x shelf
- 1x monitor bracket with VESA screw connection
- 1x mouse tray
- 1x roller base, Ø 125 mm
- 1x 4-way socket

Pos.	Item no.	Dimensions in mm (WxDxH)	Description
1	04.105.125	500 x 500 x 150	Mobile add-on: 4x steering caster, Ø 125 mm, thereof 2 with locks
2	04.105C	500 x 500 x 1000	Hinged door cabinet
3	04.105.BH	500 x 575	Flat screen attachment
4	04.105.MAA	150 x 175	Mouse tray
	04.105.MC125	500 x 500 x 1725	Computer trolley, as illustrated





## Computer trolley 105-2

- 1x hinged door
- 1x drawer
- 2x shelf
- 1x desk attachment
- 1x monitor bracket with VESA screw connection
- 1x mouse tray
- 1x roller base, Ø 125 mm
- 1x 4-way socket

Pos.	Item no.	Dimensions in mm (WxDxH)	Description
1	04.105.125	500 x 500 x 150	Mobile add-on: 4x steering caster, Ø 125 mm, thereof 2 with locks
2	04.105C	500 x 500 x 1000	Hinged door cabinet
3	04.105.205	500 x 500 x 250	Desk attachment
4	04.105.BH	500 x 575	Flat screen attachment
5	04.105.MAA	150 x 175	Mouse tray
	04.105.MKC125	500 x 500 x 1725	Computer trolley, as illustrated

















## Computer trolley 105-3

- 1x hinged door
- 1x drawer
- 2x shelf
- 1x monitor attachment housing
- 1x mouse tray
- 1x roller base, Ø 125 mm
- 1x 4-way socket

Pos.	Item no.	Dimensions in mm (WxDxH)	Description
1	04.105.125	500 x 500 x 150	Mobile add-on: 4x steering caster, Ø 125 mm, thereof 2 with locks
2	04.105C	500 x 500 x 1000	Hinged door cabinet
3	04.105.CM01	500 x 300 x 600	Monitor attachment housing
4	04.105.MAA	150 x 175	Mouse tray
	04.105.C01	500 x 500 x 1750	Computer trolley, as illustrated

## Computer trolley 105-4

- 1x hinged door
- 1x drawer
- 2x shelf
- 1x intermediate block with keyboard pull-out
- 1x monitor attachment housing
- 1x mouse tray
- 1x roller base, Ø 125 mm
- 1x 4-way socket

• • • • • • • • • • • • • • • • • • • •			
Pos.	Item no.	Dimensions in mm (WxDxH)	Description
1	04.105.125	500 x 500 x 150	Mobile add-on: 4x steering caster, Ø 125 mm, thereof 2 with locks
2	04.105C	500 x 500 x 1000	Hinged door cabinet
3	04.105.TAA	500 x 500 x 125	1x intermediate block with keyboard pull-out
4	04.105.CM02	500 x 500 x 600	Monitor attachment housing
5	04.105.MAA	150 x 175	Mouse tray
	04.105.C02	500 x 500 x 1950	Computer trolley, as illustrated

# Mobile computer, measuring and testing stations

## Computer trolley 110 | Stationary or mobile

- Stationary or mobile
- Cable passages
- Square holes in rear wall for ventilation







## Computer trolley 110-1

- 2x hinged door
- 1x adjustable shelf
- 1x monitor attachment housing
- 1x roller base, Ø 125 mm

Pos.	Item no.	Dimensions in mm (WxDxH)	Description
1	04.110.125	1000 x 500 x 150	Mobile add-on: 4x steering caster, Ø 125 mm, thereof 2 with locks
2	04.180.C01	1000 x 500 x 820	Hinged door cabinet
3	04.105.CM01	500 x 300 x 600	Monitor attachment housing
	04.180.C03	1000 x 500 x 1575	Computer trolley, as illustrated







#### Computer trolley 110-2

- 2x hinged door
- 1x adjustable shelf
- 1x monitor attachment housing
- 1x roller base, Ø 125 mm

Pos.	Item no.	Dimensions in mm (WxDxH)	Description
1	04.110.125	1000 x 500 x 150	Mobile add-on: 4x steering caster, Ø 125 mm, thereof 2 with locks
2	04.180.C01	1000 x 500 x 820	Hinged door cabinet
3	04.110.CM	700 x 300 x 600	Monitor attachment housing
	04.180.C04	1000 x 500 x 1575	Computer trolley, as illustrated

#### Computer trolley 110-3

- 2x hinged door
- 1x adjustable shelf
- 1x monitor attachment housing
- 1x roller base, Ø 125 mm

Pos.	Item no.	Dimensions in mm (WxDxH)	Description
1	04.110.125	1000 x 500 x 150	Mobile add-on: 4x steering caster, Ø 125 mm, thereof 2 with locks
2	04.180.C01	1000 x 500 x 820	Hinged door cabinet
3	04.MAG100/30	1000 x 300 x 600	Monitor attachment housing, two-door
	04.180.C05	1000 x 500 x 1575	Computer trolley, as illustrated

## Computer trolley 110 | Stationary or mobile

**Mobile logistics systems** 





## Computer trolley 110-4

- 2x hinged door
- 1x adjustable shelf
- 1x monitor attachment housing
- 1x roller base, Ø 125 mm
- 1x desk attachment

Pos.	Item no.	Dimensions in mm (WxDxH)	Description
1	04.110.125	1000 x 500 x 150	Mobile add-on: 4x steering caster, Ø 125 mm, thereof 2 with locks
2	04.180.C01	1000 x 500 x 820	Hinged door cabinet
3	04.105.205	500 x 500 x 250	Desk attachment
4	04.105.CM01	500 x 300 x 600	Monitor attachment housing
5	04.105.MAA	150 x 175	Mouse tray
	04.180.C06	1000 x 500 x 1575	Computer trolley, as illustrated



## Computer trolley 110-5

- 2x hinged door
- 1x adjustable shelf
- 1x roller base, Ø 125 mm
- 1x desk attachment with pull-out drawer and perforated wall

Pos.	Item no.	Dimensions in mm (WxDxH)	Description
1	04.110.125	1000 x 500 x 150	Mobile add-on: 4x steering caster, Ø 125 mm, thereof 2 with locks
2	04.180.C01	1000 x 500 x 820	Hinged door cabinet
3	04.680.PA	680 x 500 x 640	Perforated wall with flat screen bracket + desk attachment and pull-out drawer
	04.180.C02	1000 x 500 x 1610	Computer trolley, as illustrated















## Computer trolley 110-6

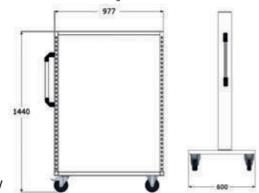
- 2x hinged door
- 1x adjustable shelf
- 1x monitor attachment housing
- 1x roller base, Ø 125 mm

Pos.	Item no.	Dimensions in mm (WxDxH)	Description
1	04.110.125	1000 x 500 x 150	Mobile add-on: 4x steering caster, Ø 125 mm, thereof 2 with locks
2	04.180.C01	1000 x 500 x 820	Hinged door cabinet
3	03.12/60.25	1200 x 600 x 25	Wooden shelf
4	04.110.CM	700 x 300 x 600	Monitor attachment housing
	04.180.C07	1200 x 600 x 1660	Computer trolley, as illustrated

# **Parts trolley**

## Multi-trolley combinations from practice

- Total load capacity 500 kg
- Side push handle
- Equipped with 2x fixed and 2x steering caster with locks, Ø 125 mm





■ Empty

Item no.	Dimensions in mm (WxDxH)
07.58.10	990 x 610 x 1450













## **Multi-trolley**

8x perforated wall, 302 mm

Item no.	Dimensions in mm (WxDxH)
07.58.17	990 x 610 x 1450



## **Multi-trolley**

- Bottom shelf
- 8x inclinable shelf 320 mm depth
- Supplied without decoration

Item no.	Dimensions in mm (WxDxH)
07.58.14	990 x 610 x 1450

## **Accessories**



## Bin carrier 1000 mm

■ Fully equipped with open fronted storage bins

Item no.	Open fronted storage bins in mm	Piece
03.900.012	Size 2: 100 x 170 / 140 x 80	8
03.900.013	Size 3: 145 x 230 / 195 x 125	6
03.900.015	Size 5: 200 x 350 / 300 x 200	4





#### **Bottom shelf**

■ For multi-trolley 07.58.10

Item no.	
07.58.20	

## Top shelf

For multi-trolley 07.58.10

Item no.	
07.58.22	

#### Multi-trolley combinations from practice

#### Mobile logistics systems



#### **Multi-trolley**

- Bottom shelf
- 4x inclinable shelf 320 mm depth
- 2x perforated wall, 302 mm
- Supplied without decoration

Item no.	Dimensions in mm (WxDxH)
07.58.16	990 x 610 x 1450



#### Multi-trolley

- 2x shelf, 220 mm depth
- 2x inclinable shelf, 320 mm
- 1x multi-roller shutter cabinet

Item no.	Dimensions in mm (WxDxH)
07.58.19	990 x 610 x 1450



#### **Multi-trolley**

- Complete, as illustrated
- 4x bin strip with open fronted storage bins, size 2
- 4x bin strip with open fronted storage bins, size 3
- 4x bin strip with open fronted storage bins, size 5

Item no.	Dimensions in mm (WxDxH)
07.58.12	990 x 610 x 1450



#### **Multi-trolley**

- Top shelf
- 4x inclinable shelf 420 mm depth
- 8x Euro storage bin 400 x 600 x 120 mm

Item no.	Dimensions in mm (WxDxH)
07.58.18	990 x 610 x 1450

#### **Accessories**



#### Euro storage bin

- Polypropylene
- Blue

Item no.	Dimensions in mm (WxDxH)
03.55498	300 x 400 x 120
03.55501	300 x 400 x 170
03.55504	300 x 400 x 220



#### Shelf

■ 0°, 10° & 20° inclinable

Item no.	Depth in mm
03.910.220	220
03.910.320	320
03.910.420	420



#### Perforated wall

Mounting between support columns

Item no.	Dimensions in mm (WxDxH)
03.983.102	1000 x 20 x 302



## **Parts trolley**

#### Multi-trolley combinations from practice - conductive

These mobile material and small parts storage units are ideal wherever assembly, repairs or commissioning is carried out. Fitted with slotted panels and assorted practical open fronted storage bins on both sides, they keep all types of small material clearly arranged and ready to hand and ensure easy transport.

- Small parts boxes L x W x H Size 6 = 230 x 140 x 130 mm | Size  $7 = 160 \text{ x } 105 \text{ x } 75 \text{ mm} \mid \text{ Size } 8 = 85 \text{ x } 105 \text{ x } 45 \text{ mm}$
- Modular structure, 3 different heights, impact and scratch resistant plastic coating, width 1000 mm, depth 500 mm
- Double-sided use, ergonomic handles, horizontal mounting and dismounting of open fronted storage bins





The special design of the hanging rail allows to hang and unhang the storage bin absolutely horizontally even when they're filled. So no spilling of the stored goods.



Trolley - Size 2

- W x D x H: 1000 x 500 x 890 mm
- with 88 Bins

Item no.	Size 6	Size 7	Size 8
04.01.0913	24	64	-



Trolley - Size 2

- W x D x H: 1000 x 500 x 890 mm
- with 96 Bins

Item no.	Size 6	Size 7	Size 8
04.02.0913	-	96	-



Trolley - Size 2

- W x D x H: 1000 x 500 x 890 mm
- with 60 Bins

Item no.	Size 6	Size 7	Size 8
04.03.0913	60	-	-



#### Trolley - Size 3

- W x D x H: 1000 x 500 x 1230 mm
- with 152 Bins

Item no.	Size 6	Size 7	Size 8
04.01.2013	24	80	48

Colours

RAL 7016 RAL 7035



#### Trolley - Size 3

- W x D x H: 1000 x 500 x 1230 mm
- with 112 Bins

Item no.	Size 6	Size 7	Size 8
04.02.2013	48	64	-



Trolley - Size 3

- W x D x H: 1000 x 500 x 1230 mm
- with 84 Bins

Item no.	Size 6	Size 7	Size 8
04.03.2013	84	-	-

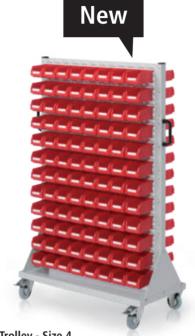




■ W x D x H: 1000 x 500 x 1580 mm

■ with 160 Bins

Item no.	Size 6	Size 7	Size 8
04.01.3513	48	112	-



Trolley - Size 4

■ W x D x H: 1000 x 500 x 1580 mm

■ with 192 Bins

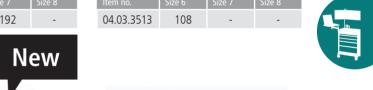
Item no.	Size 6	Size 7	Size 8
04.02.3513	-	192	-



Trolley - Size 4

- W x D x H: 1000 x 500 x 1580 mm
- with 108 Bins

Item no.	Size 6	Size 7	Size 8
04.03.3513	108	-	-





#### Trolley - Size 4

- W x D x H: 1000 x 500 x 1580 mm
- with 184 Bins

Item no.	Size 6	Size 7	Size 8
04.04.3513	24	128	32
C-1			

Colours

RAL 5010 RAL 7016 RAL 7035



Trolley - Size 4

- W x D x H: 1000 x 500 x 1580 mm
- with 152 Bins

Item no.	Size 6	Size 7	Size 8
04.05.3513	72	32	48



Trolley - Size 4

- W x D x H: 1000 x 500 x 1580 mm
- with 176 Bins

Item no.	Size 6	Size 7	Size 8
04.06.3513	48	80	48

www.bedrunka-hirth.de 507

## **Parts trolley**

#### RasterMobil® - Combinations from practice

#### **RasterMobil®**

is the practical rolling material and tool store your useful helper in the workshop, factory and assembly hall. They are particularly helpful to save time. Work processes can be organised organised from any location.

- Modular construction in three heights
- Subsequent modification and/or exchange of panels possible
- Impact- and scratch-resistant plastic coating
- Fahrmodul lichtgrau
- Double-sided perforated/slotted panels
- Ergonomische Handgriffe
- Ergonomic handles
- 2 x fixed and 2 x steering castors with lock Ø 100 mm



Open fronted storage bins for hanging





#### RasterMobil® Trolley - Size 2

- W x D x H: 1000 x 500 x 890 mm
- 1 x base shelf made of sheet steel
- 1 x range of hooks 10 pcs.
- With 11 Bins

Item no.	Size 6	Size 7	Size 8
04.47.1016	6	5	-



#### RasterMobil® Trolley - Size 2

- W x D x H: 1000 x 500 x 890 mm
- 1 x base shelf made of sheet steel
- Incl. ribbed rubber mat
- 1 x range of hooks 10 pcs.
- With 12 Bins

Item no.	Size 6	Size 7	Size 8
04.42.1016	-	8	4



#### RasterMobil® Trolley - Size 2

- W x D x H: 1000 x 500 x 890 mm
- 1 x base shelf made of sheet steel
- Top: beech mutliplex 30 mm
- 1 x range of hooks 10 pcs.
- With 14 Bins

Item no.	Size 6	Size 7	Size 8
04.43.1016	6	4	4



#### RasterMobil® Trolley - Size 3

- W x D x H: 1000 x 500 x 1230 mm
- 1 x base shelf made of sheet steel
- Incl. ribbed rubber mat
- 1 x range of hooks 15 pcs.
- 1 x document holder A4
- With 14 Bins

Item no.	Size 6	Size 7	Size 8
04.47.2216	6	8	-



#### RasterMobil® Trolley - Size 3

- W x D x H: 1000 x 500 x 1230 mm
- 1 x base shelf made of sheet steel
- 1 x range of hooks 15 pcs.
- With 10 Bins

Item no.	Size 6	Size 7	Size 8
04.43.2216	6	4	-

#### Colours

RAL 5010 RAL 7016 RAL 7035





#### RasterMobil® Trolley - Size 2

- W x D x H: 1000 x 500 x 890 mm
- 1 x range of hooks 12 pcs.

Item no.	Size 6	Size 7	Size 8
04.46.0813	-	-	-



#### RasterMobil® Trolley - Size 2

- W x D x H: 1000 x 500 x 890 mm
- 1 x range of hooks 10 pcs.
- With 12 Bins

Item no.	Size 6	Size 7	Size 8
04.41.1016	-	8	4



#### RasterMobil® Trolley - Size 4

- W x D x H: 1000 x 500 x 1580 mm
- 1 x range of hooks 18 pcs.
- 1 x shelf 950 mm
- 1 x hook, fork holder
- 2 x hook, shaft carrier
- With 9 Bins

Item no.	Size 6	Size 7	Size 8
04.41.4116	2	-	7



#### RasterMobil® Trolley - Size 4

- W x D x H: 1000 x 500 x 1580 mm
- 1 x range of hooks 28 pcs.
- 1 x shelf 450 mm
- 1 x hook, universal holder
- 2 x hook, mandrel carrier
- With 9 Bins

Item no.	Size 6	Size 7	Size 8
04.41.3916		9	-

Colours

RAL 5010 RAL 7016 RAL 7035





#### **Hinged door cabinet**



#### Hinged door cabinet, type 105, mobile

- 2x adjustable shelf
- 1x drawer with full pull-out 100 %, load capacity 50 kg
- 1x roller base, Ø 125 mm

Item no.	Dimensions in mm (WxDxH)
04.105MK125	500 x 500 x 1400 with desk attachment
04.105M125	500 x 500 x 1150 without desk attachment







#### Hinged door cabinet, type 105

- 1x drawer with full pull-out 100 %, load capacity 50 kg
- 2x shelf
- 1x roll-off edge

Item no.	Dimensions in mm (WxDxH)
04.105	500 x 500 x 1000

#### **Individual components**



#### Roller base

04.105.50 500 x 500 x 65

<ul><li>4x steering</li><li>Thereof 2 w</li></ul>	caster, Ø 50 mm ith locks	kg 150
Item no.	Dimensions in mm (WxDxH)	



#### Roller base

■ 4x ste

04.105.125 500 x 500 x 150

■ There

eof 2 with locks		40
).	Dimensions in mm (WxDxH)	



#### Desk attachment

■ With tray and cylinder lock

Item no.	Dimensions in mm (WxDxH)
04.105.205	500 x 500 x 250



#### Hinged door cabinet, type 110

- 1x roller base, Ø 125 mm
- 2x drawer with full pull-out 100 %, load capacity 50 kg
- 2x shelf
- 1x roll-off edge

Item no.	Dimensions in mm (WxDxH)
04.110M125	1000 x 500 x 1150



#### Hinged door cabinet, type 110



- 2x shelf
- 1x roll-off edge

Item no.	Dimensions in mm (WxDxH)
04.110	1000 x 500 x 1000

#### Roller base

- 4x steering caster, Ø 125 mm
- Thereof 2 with locks

Item no.	Dimensions in mm (WxDxH)
04.110.125	1000 x 500 x 150





- Load capacity 30 kg each
- Delivered unassembled!



- Stepless height adjustment
- Caster types: Ø50 mm: 4 x plastic steering caster Ø100 mm: 4 x steering caster with locks
- Tray 610 x 410 mm (W x D) with Ripped rubber mat

Item no.	Dimensions in mm (WxDxH)	Caster dia. in mm
05.10.20	660 x 660 x 872 – 1222	50
05.10.21	660 x 660 x 945 – 1295	100



- Stepless height adjustment
- Up to 30° inclinable
- 4x steering caster with locks
- Tray 610 x 410 mm (W x D) with Ripped rubber mat

Item no.	Dimensions in mm (WxDxH)	Caster dia. in mm
05.10.51	600 x 600 x 1024 – 1374	100



- Stepless height adjustment
- Up to 30° inclinable
- Caster types: Ø50 mm: 4 x plastic steering caster Ø100 mm: 4 x steering caster with locks
- Tray 610 x 410 mm (W x D) with Ripped rubber mat

Item no.	Dimensions in mm (WxDxH)	Caster dia. in mm
05.10.30	660 x 660 x 921 – 1271	50
05.10.31	660 x 660 x 994 – 1344	100





- Up to 30° inclinable
- Equipped with 4x adjustable feet
- Tray 610 x 410 mm (W x D) with Ripped rubber mat

Item no.	Dimensions in mm (WxDxH)	
05.10.52	600 x 600 x 900 – 1250 mm	







#### Mobile skips

Long-lasting welded steel construction with tilting bin made from 2 mm

sheet steel, watertight version also available.

600-litre trolley is reinforced with round tube. Load-bearing chassis of channel steel, forklift pockets made from enclosed hollow structural steel profiles 120 x 60 x 3 mm or 160 x 90 x 4.5 mm.

#### Wheels

- Axle: Ø 25 mm
- Axle wheels: Ø 250 mm
- Steering caster: Ø 200 mm All wheels have solid rubber tyres and are mounted on ball-bearings for smooth running. For size 600 I with elastic tyres.





with bolted sheet steel rim Wheel dia. 250 mm, wheel width 60 mm for dia. 25 mm axle.



Forged drop guard prevents accidental tipping of the bin.



## Forklift pockets in two dimen-

Internal dimensions 114 x 54 mm 150 x 80 mm With full lock

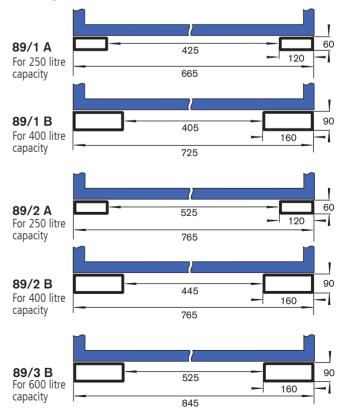
(for secure positioning) as standard. For reasons of space, not possible for 250-litre version type B



**Securing chain** prevents the trolley from sliding away during accidental inclination of the forklift masts.

- Total length approx. 1000 mm
- Available for surcharge

#### Forklift pocket dimensions of the different versions:



Mobile skips Mobile logistics systems

#### Additional equipment

Cover lid with welded handle





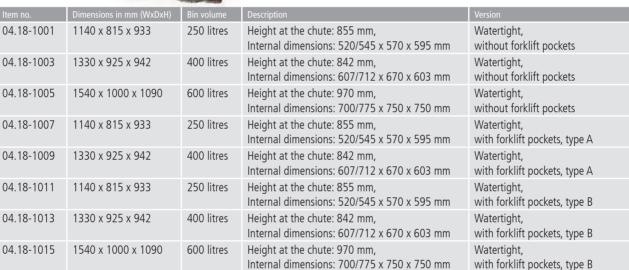
250 litres



400 litres



600 litres (steering caster with lock for all sizes apart from 04.18-1010 and 04.18-1011)





#### Additional equipment

 Locks for the steering caster included in the scope of delivery (not 04.18-1011)

Item no.	Description	Version
04.18-1016	Securing chain	Length: 1000 mm

Item no.	Description	Version
04.18-1017	6 111	For 250 litre size
04.18-1018	Cover lid, galvanised	For 400 litre size
04.18-1019	gaivariisca	For 600 litre size

#### Sieve bottom with ball valve

On request, we supply the watertight versions with a full, bolted sieve bottom. The distance from the lower bottom is approx. 100 mm. Ball valve for the draining of accumulated liquid.

#### Surcharge for sieve bottom and ball valve

Item no.	Bin volume	Ball valve
04.18-89\$25	250 litres	R ¾" connection
04.18-89540	400 litres	R ¾" connection
04.18-89560	600 litres	R 1" connection

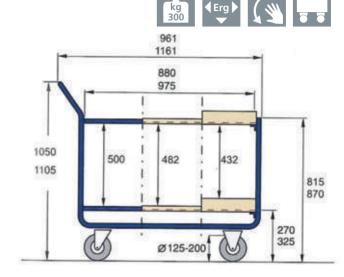




## Steel tube table trolley 850 x 450 mm

- Load capacity 300 kg
- Sturdy steel tube construction, tube Ø 27 mm
- Bars optionally of angular steel 15 mm, beech 30 mm or beech glulam 75 mm high
- Load areas internal dimensions: Steel 800 x 500 mm, wood 774 x 474 mm
- 2x fixed and 2x steering caster
- With lock, full rubber, black Ø 125 mm
- Load areas made of multiplex wood with heavy-duty surface
- Powder coating in RAL 5010 Gentian blue as standard

The equipment arrives as a ready-made trolley. No assembling required before use.





#### Steel tube table trolley

- 2x load area 800 x 500 mm
- Angular steel 15 mm

Item no.



#### Steel tube table trolley

- 3x load area 800 x 500 mm
- Angular steel 15 mm

Item no.

04.11.1063



#### Steel tube table trolley

- 2x load area 800 x 500 mm
- Beech wood 30 mm

Item no. 04.11.1072



#### Steel tube table trolley

- 3x load area 800 x 500 mm
- Beech wood 30 mm

Item no.

04.11.1081



#### Steel tube table trolley

- 2x load area 800 x 500 mm
- Beech glulam 75 mm

04.11.1099



#### Steel tube table trolley

- 3x load area 800 x 500 mm
- Beech glulam 75 mm

Item no

04.11.1108

#### Steel tube table trolley 1000 x 600 mm

**Mobile logistics systems** 

- Load capacity 300 kg
- Sturdy steel tube construction, tube Ø 27 mm
- Bars optionally of angular steel 15 mm, beech 30 mm or beech glulam 75 mm high
- Load areas internal dimensions: Steel 1000 x 600 mm, wood 974 x 574 mm
- 2x fixed and 2x steering caster with locks, full rubber, black, Ø 125 mm
- Load areas made of multiplex wood with heavy-duty surface
- Powder coating in RAL 5010 Gentian blue as standard

The equipment arrives as a ready-made trolley. No assembling required before use.















#### Steel tube table trolley

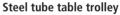
- 2x load area 1000 x 600 mm
- Load area: Steel 15 mm

Item no.	Casters
04.11.1058	Ø 125 mm

#### Steel tube table trolley

- 2x load area 1000 x 600 mm
- Load area: Beech wood 30 mm

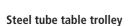
Item no.	Casters
04.11.1076	Ø 125 mm



- 2x load area 1000 x 600 mm
- Load area: Beech wood 75 mm

Item no.	Casters
04.11.1103	Ø 125 mm





3x load area 1000 x 600 mmLoad area: Steel 15 mm

Item no.	Casters
04.11.1067	Ø 125 mm



#### Steel tube table trolley

- 3x load area 1000 x 600 mm
- Load area: Beech wood 30 mm

Item no.	Casters
04.11.1085	Ø 125 mm



#### Steel tube table trolley

- 3x load area 1000 x 600 mm
- Load area: Beech wood 75 mm

Item no.	Casters
04.11.1112	Ø 125 mm



#### **Transport trolleys**

- Ergonomic handle
- 2x fixed and 2x steering caster with locks, Ø 125 mm
- 300 kg load capacity with uniform load
- Tubes 40 x 20 mm





Item no.	Dimensions in mm (WxDxH)
04.900.01	900 x 620 x 860











■ With wooden bottom and rear panel

Item no.	Dimensions in mm (WxDxH)	
04.900.02	900 x 620 x 860	



- With wooden bottom
- Front and rear panel

Item no.	Dimensions in mm (WxDxH)		
04.900.03	900 x 620 x 860		



■ With 2 levels of wooden shelves

Item no.	Dimensions in mm (WxDxH)	
04.900.04 900 x 620 x 860		

#### **Accessories**



Label pouch A4

Item no.	
04.900.10	



Writing tablet A4

_	
Item no.	
04.900.11	



Zinc panel cover

-	
Item no.	
04.900.13	



#### Tray

Item no.
04.900.12

### Mesh-sided trolleys

Mobile logistics systems

- Solid welded steel construction
- Support frame and corner profiles in angle irons, 40 x 40 x 4 mm
- Bottom made of multiplex wood with heavy-duty surface
- All trolleys have 2 steering casters and 2 fixed casters with total brakes on the steering casters in accordance with EN 1757-3
- Wheel diameter and width 200 x 50 mm















Completely closed

With half cover

With half cover and cover lid

#### Mesh-sided trolleys

- 2x fixed and 2x steering caster with locks
- Full rubber, black, Ø 200 mm

Tyres	Version	Item no.	Dimensions in mm (WxDxH)
	Half open	04.12.1211	1050 x 700 x 800
		04.12.1212	1250 x 800 x 800
Dall bearing	Completely closed	04.12.1207	1050 x 700 x 800
Ball bearing		04.12.1208	1250 x 800 x 800
	Half covered	04.12.1215	1050 x 700 x 800
		04.12.1216	1250 x 800 x 800

#### Accessories

Version	Item no.	Version
Cover lid	04.48.86	1050 x 700 mm
Cover III	04.48.87	1250 x 800 mm
Lid closure	04.48.84	Single
Lid closure	04.48.85	Double



## KUBIK – orderliness by system, square and practical

- Solid sheet steel construction
- Reinforced handle spars with safety handles
- Either plastic wheels or solid rubber tyres
- With roller bearings or smooth-running ball bearings
- Solid rubber wheels for smooth floors

#### Features:

- Safety handles made from high-strength plastic
- Supplied without decoration





Kubik-1

	As	il	lustrate
-	ΑS	Ш	iustiate

Item no.	Dimensions in mm (WxDxH)	Plastic rollers
86.1000	620 x 620 x 445	Ø 50 mm
86.1000.100	620 x 620 x 505	Ø 100 mm



Kubik-2 As illustrated

Item no.	Dimensions in mm (WxDxH)	Plastic rollers
86.2000	620 x 620 x 805	Ø 50 mm
86.2000.100	620 x 620 x 865	Ø 100 mm



Kubik-3

As illustrated

Item no.	Dimensions in mm (WxDxH)	Plastic rollers
86.3000	620 x 620 x 1165	Ø 50 mm
86.3000.100	620 x 620 x 1225	Ø 100 mm

#### **Accessories**



■ 302 x 142 x 332 mm

Item no 86.7010



■ 302 x 210 x 332 mm

Item no. 86.7020



Maxirack

86.7030

■ 302 x 300 x 332 mm



Shelving divider

**200** x 140 mm





**Tabletop** 

Item no.
86.7075

Supplied without attachment parts such as racks, shelving dividers, tabletops, perforated walls, wardrobe rails









**Kubik-3-4**■ As illustrated

Item no.	Dimensions in mm (WxDxH)	Plastic rollers
86.3100	620 x 620 x 1165	Ø 50 mm
86.3100.100	620 x 620 x 1225	Ø 100 mm



**Kubik-4**■ As illustrated

Item no.	Dimensions in mm (WxDxH)	Plastic rollers
86.4000	620 x 620 x 1525	Ø 50 mm
86.4000.100	620 x 620 x 1585	Ø 100 mm



**Kubik-5-3**■ As illustrated

Item no.	Dimensions in mm (WxDxH)	Plastic rollers
86.5200	620 x 620 x 1885	Ø 50 mm
86 5200 100	620 x 620 x 1945	Ø 100 mm

### Accessories



Tabletop

■ 620 x 620 x 12 mm

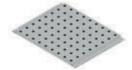
Item no.
86.7070



Rack divider

295 x 332 mm

Item no. 86.6140



Perforated panel

■ 295 x 382 mm

Item no.
86.7100



Mirror

■ 295 x 332 mm

Item no.	
86.7150	



Wardrobe rail

■ 618 mm width

Item no.
86.7200



### KUBIK – 5S











Back

Paper towel roll

Waste bins

Disinfectant dispenser



#### Kubik 5S cleaning station duo

- 1 x perforated side wall, consisting of 4 x individual panel
- 1 x solid side wall with push handle
- Top bevelled on 4 sides
- Recessed rear wall: 2 x shelves, 1 x broom, 1 x hand brush and 1x dustpan
- Interior: 2 x waste bins made of galvanised sheet steel
- 1 x unwind holder incl. paper towel roll
- $\blacksquare$  2 x fixed casters and 2 x steering casters with lock Ø 125 mm
- Delivery without disinfectant dispenser

Item no.	Dimensions in mm (WxDxH)
86.CLEAN5S-1	690 x 530 x 1690



#### **Kubik 5S cleaning station trio**

- 1 x perforated side wall, consisting of 4 x individual panel
- 1 x solid side wall with push handle
- Top bevelled on 4 sides
- Recessed rear wall: 2 x shelves, 1 x broom, 1 x hand brush and 1x dustpan
- Interior: 3 x waste bins made of galvanised sheet steel
- 1 x unwind holder incl. paper towel roll
- $\blacksquare$  2 x fixed casters and 2 x steering casters with lock Ø 125 mm

Item no.	Dimensions in mm (WxDxH)
86.CLEAN5S-2	690 x 530 x 1690





#### Disinfectant dispenser\*

- Airtight closed system (no germination)
- Constant dosage of 1.00 ml
- Incl. metal adapter for perforated wall and drip-catcher, allows for simple mounting an optimal cleaning
- Incl. high-performance batteries

Item no.	Dimensions in mm (WxDxH)
03.H8719	105 x 108 x 280

\*Delivery without disinfectant



#### Disinfectant

- Alcoholic solution for hygienic hand disinfection
- Re-greasing, spectrum MRSA, Noro
- HBV/HIV, exposure time 3 ml/30 sec., VAH-listed, 650 ml vacuum bag

03.BH8719



# Item no. Dimensions in mm (WxDxH) 05.H10.01 655 x 655 x 1060-1410











- Solid sheet steel construction
- Reinforced handle bars with aluminium handles
- Easy to move
- Space-saving and clearly arranged
- Perforated grid: 38mm
- Solid rubber wheels for smooth floors
- 4 x steering castors Ø 125 mm, 2 x with brakes
- Weight: approx. 50 kg
- 8 x perforated wall, 566 mm wide, perforation 10x10 mm

Item no.	Dimensions in mm (WxDxH)
04.IP001	650 x 650 x 1970





### KUBIK – 5S

#### **Health Protection Line Kubik**

- Solid sheet steel construction
- Reinforced handle bars with aluminium handles
- Space-saving and clearly arranged
- Perforation: 10 x 10 mm, spacing: 38 mm
- 1 x push handle
- 2 x hinged door
- 4 x perforated wall on the side
- 1 x perforated back wall
- 1 x shelf with recess for waste Ø 148 mm
- Easy to move
- Solid rubber wheels for smooth floors
- 4 x steering castors Ø 125 mm, 2 x with brakes



#### Waste bin, 40 Liter

- White, large filling capacity, ABS plastic
- Free standing or wall mounted

Item no.	Dimensions in mm (WxDxH)
03.H8780	320 x 250 x 500

#### **Bin liners**

■ 50 litres, white, 9 rolls of 40 bags each

03.H8769







- 1 x waste bin, stowed behind the hinged doors
- 1 x disinfectant dispenser
- 1 x towel dispenser
- Incl. adapters for accessories for easy mounting to perforated walls and optimal cleaning

Item no.	Dimensions in mm (WxDxH)
86.H02KUB5	730 x 550 x 1690



- Delivery without accessories, as described above
- Waste bin can be stowed behind hinged doors

Item no.	Dimensions in mm (WxDxH)
86.H01KUB5	730 x 550 x 1690

Flex-Box **Mobile logistics systems** 

The sturdy case cabinet made of sheet steel with 4 compartments ensures quick and clear access to your flex-box at the workplace. It is suitable for attachment on the wall and as a free-standing or stackable unit. Both plastic and metal flex-boxes can be used.

- Eco-friendly powder coating (light grey)
- High stability and load capacity
- Individual drawer interlocking prevents unwanted opening, one-handed operation
- Smooth-running ball bearing full pull-outs with self-retraction
- Special colours, silkscreens, stickers possible on request







#### Flex-box cases on/ from page 255



#### Open fronted storage bins

Polypropylene

Item no.	Dimensions in mm (WxDxH)
03.900.001	100 x 95 / 65 x 50
03.900.002	100 x 175 / 140 x 75
03.900.003	145 x 235 / 195 x 125



#### Support rail for open fronted storage bins

Item no.	Width in mm
03.900.06	300



#### Mobile flex-box cabinet

- Beech multiplex top 30 mm
- Side handles at top

**Bottle holder** 

- 2x case cabinet with smooth side wall
- Individual drawer interlocking prevents unwanted opening One-handed operation
- Smooth-running ball bearing full pull-outs with self-retraction
- 4x steering caster, Ø 100 mm, thereof 2 with locks

Item no.	External dimensions in mm (WxDxH)	
04.50.37.2*	607 x 475 x 1132	



#### Perforated wall

• For hanging the range of hooks

Item no.	External dimensions in mm (WxH)
04.50.37LW	370 x 462



Item no.	Dimensions in mm
03.900.43	Ø 90



Item no.	Dimensions in mm (WxDxH)
03.900.42	140 x 106 x 71

<sup>\*</sup>Supplied without bins, hooks, case, perforated walls and tools.

## Mobile workplace systems

#### Mobile workraster units

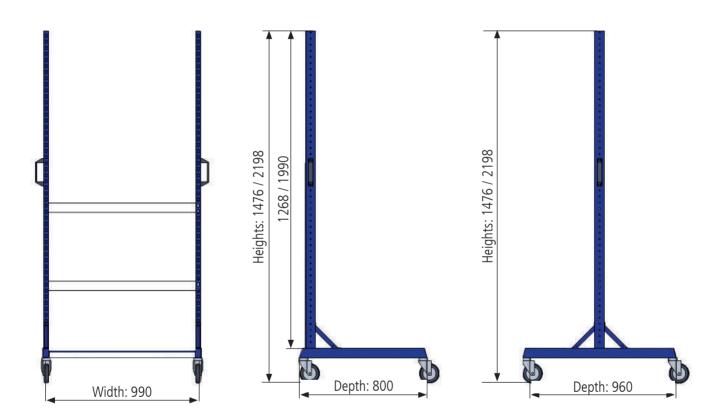




## workraster workplace systems

The mobile units of the workraster series enable quick access and maximum mobility. More manoeuvrable than ever before with 4 steering casters with a diameter of 125 mm (2 with locks). Simple handling thanks to user-friendly plastic handles. As transport or storage trolleys, whether used as a mobile workstation or for storing tools in the perforated walls,

they can be used in any situation. Thanks to a height grid of 38 mm, various heights and depths, individual equipping is possible on one or both sides. Shelves can be added to supply material as can many parts of the multi-board. The accessories of the workraster range are compatible.



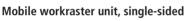
#### Mobile workraster units: Basic dimensions

The mobile workraster units can be arranged in different depths and heights and can be used just as flexibly and individually as the series itself.



- Ergonomic plastic handle
- 4x steering caster, Ø 125 mm with lock





■ 1x bottom plate







TA BOLLOTTI PIALE	
Item no.	Dimensions in mm (WxDxH)
07.8310.821	1000 x 800 x 2198



#### Mobile workraster unit, double-sided ■ 1x bottom plate





#### Mobile workraster unit, double-sided

■ 1x bottom plate

WR
DK

Item no.	Dimensions in mm (WxDxH)
07.8310.922	1000 x 960 x 2198



## Mobile workplace systems

#### Mobile workraster units



- 2x bin carrier
- 1x shelf, 220 mm
- 1x shelf, 320 mm
- 1x bin strip with 6x drawer
- Open fronted storage bins: 12x size 4, 12x size 3, 8x size 2

Item no.	Dimensions in mm (WxDxH)
07.8310.01	1000 x 800 x 2198





- 1x bin carrier
- 1x shelf, 220 mm
- 2x perforated wall
- Open fronted storage bins: 8x size 2, 6x size 3

Item no.	Dimensions in mm (WxDxH)
07.8310.50	1000 x 800 x 2198



#### Mobile workraster unit, double-sided

- 1x bottom plate
- 2x perforated wall
- 4x bin carrier
- 4x Euro bin 400 x 300 mm
- Open fronted storage bins: 16x size 2, 12x size 3, 4x size 4
- 1x bin strip with 3x drawer

Item no.	Dimensions in mm (WxDxH)
07.8310.02	1000 x 960 x 1476



#### Mobile workraster unit, double-sided

- 1x bottom plate
- 2x perforated wall
- 2x bin carrier
- 2x shelf, 220 mm
- Open fronted storage bins: 8x size 2, 18x size 3, 8x size 4



Item no.	Dimensions in mm (WxDxH)
07.8310.03	1000 x 960 x 1476



Open fronted storage bins: 8x size 2, 6x size 3, 8x size 4

Dimensions in mm (WxDxH)



- 2x perforated wall
- Open fronted storage bins: 6x size 2, 8x size 3
- Small parts magazine with 12x drawer
- 1x bin strip with 6x drawer







■ 1x bottom plate

■ 1x bin carrier

■ 1x shelf, 220 mm

- 1x multi-roller shutter cabinet
- 2x shelf, 220 mm
- 2x perforated wall
- 3x Euro bin 400 x 300 mm
- Open fronted storage bins: 12x size 3, 4x size 4

Item no.	Dimensions in mm (WxDxH)
07.8310.06	1000 x 960 x 2198



■ 1x bottom plate

- 2x shelf, 220 mm
- 2x bin carrier
- 2x perforated wall
- **3** 3x Euro bin 400 x 300 mm
- Open fronted storage bins: 4x size 4, 18x size 3, 8x size 2



	Dimensions in mm (WxDxH)
07.8310.07	1000 x 960 x 2198

Supplied without hooks, tools and decoration



## Mobile workplace systems

#### Mobile workergo units



#### Mobile workergo unit

- Beech multiplex worktop 25 mm
- Stepless height adjustment with clamp fixing
- Load capacity 200 kg
- 2x steering caster, Ø 100 mm with lock
- 2x fixed caster, Ø 100 mm

#### Multi-board setup

- 2x support column
- 1x equipment rail
- 1x overhead frame with lighting
- 1x shelf, 220 mm
- 1x energy duct with 3x earthed sockets and on/off switch
- 2x perforated wall
- 1x document holder



Item no.	Dimensions in mm (WxDxH)	Version
4M150KL75GB	1500 x 750 x 820 — 1160	Mobile workergo unit
4C150-7	1500 x 1255	Multi-board setup



## Mobile workergo unit

- Beech multiplex worktop 25 mm
- Stepless height adjustment with clamp fixing
- Load capacity 200 kg
- 2x steering caster, Ø 100 mm with lock
- 2x fixed caster, Ø 100 mm

#### Multi-board setup

- 3x support column
- 1x equipment rail
- 1x overhead frame with lighting
- 2x shelf, 220 mm
- 1x energy duct with 3x earthed sockets and on/off switch
- 4x perforated wall
- 1x document holder

Item no.	Dimensions in mm (WxDxH)	Version
4M200KL75GB	2000 x 750 x 820 — 1160	Mobile workergo unit
4C200-7	2000 x 1255	Multi-board setup

#### **Mobile workline units**

**Mobile logistics systems** 





- 2x shelf, beech multiplex shelf 25 mm
- Extendable and height-adjustable

Item no.	Dimensions in mm (WxDxH)
07.59.75	700 x 610 x 950
07.59.95	900 x 610 x 950



- 3x shelf, beech multiplex shelf 25 mm
- Extendable and height-adjustable

Item no.	Dimensions in mm (WxDxH)
07.55.75	700 x 610 x 1510
07.55.95	900 x 610 x 1510







- Beech multiplex top 25 mm
- Stepless height adjustment
- Load capacity 200 kg

Item no.	Dimensions in mm (WxDxH)	
07.51.85	750 x 750 x 980 – 1250	

### Mobile workline tables





- Beech multiplex worktop 25 mm
- Stepless height adjustment
- Load capacity 200 kg

Item no.	Dimensions in mm (WxDxH)
07.51.87	1500 x 750 x 980 — 1250



- Beech multiplex worktop 25 mm
- Stepless height adjustment
- Load capacity 200 kg

Item no.	Dimensions in mm (WxDxH)
07.51.86	1000 x 750 x 980 -1250





# Hinged and sliding door cabinets







Individual hinged door cabinets

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**Multifunction cabinets** 

Page 536



Open fronted storage bin cabinets

Page 539



Hinged door cabinets with shelves

Page 542







Environment protection cabinets, fireproof cabinets and cleaning cabinets

Page 543



**Heavy-duty cabinets** 

Page 546



**Cabinets with windows** 

Page 547





**Battery charging cabinet** 

Seite 548



Cabinets with sliding doors

Page 550

## **Individual hinged door cabinets**

#### Hinged door cabinets T500 | wide 530 mm

- Robust, welded sheet steel construction
- Resistant powder coating
- Drawers/pull-out shelf with full pull-out 100 %, load capacity 50 kg
- Adjustable steel shelves, load capacity 80 kg
- Doors with moulded recess cylinder lock
- When using drawers and pull-outs, the opening angle must be 130°



#### Hinged door cabinet T500

- 1 x drawer
- 2 x shelves

Item no.	Dimensions in mm (WxDxH)
04.153.001	530 x 500 x 1019

#### Drawers

- Drawers with full pull-out (FP) 100 %
- Usable drawer dimension: 450 x 400 mm (B x T)

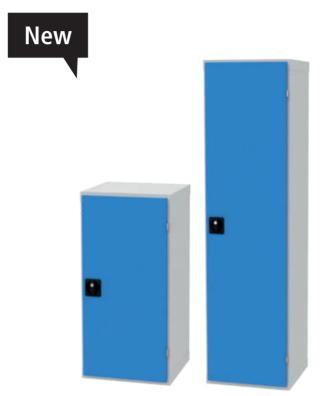
Item no.	Front height	Shell height	Usable height	Load capacity
60.046.075VA	75	59	60	50 kg
60.046.100VA	100	85	90	50 kg
60.046.150VA	150	135	140	50 kg
60.046.200VA	200	185	190	50 kg
60.046.250VA	250	185	240	50 kg
60.046.300VA	300	185	290	50 kg
60.046.100VA-75	100	85	90	75 kg
60.046.150VA-75	150	135	140	75 kg
60.046.200VA-75	200	185	190	75 kg
60.046.250VA-75	250	185	2240	75 kg
60.046.300VA-75	300	185	290	75 kg



#### Hanging folder frame R 18-16

Pull-out 100%, load capacity 50 kg

Item no.	Dimensions in mm (WxDxH)
04.053.015	475 x 328 x 80



04.153.10FLS

04.153.18FLS

#### Housing with hinged doors

Item no.	Dimensions in mm (WxDxH)	Usable height
04.153.10FLS	530 x 500 x 1019	900
04.153.18FLS	530 x 500 x 1838	1719





- Shelf with upstand, pull-out 100%, load capacity 50 kg
- Includes fastening material

Item no.	Dimensions in mm (WxDxH)	
04.053.014	476 x 422 x 70	



#### Shelf R 18-16

- load capacity 80 kg
- Includes fastening material

Item no.	Dimensions in mm (WxDxH)
04.053.013	475 x 443 x 22

- Robust, welded sheet steel construction
- Resistant powder coating
- Drawers/pull-out shelf with full pull-out 100 %, load capacity 50 kg
- Adjustable steel shelves, load capacity 80 kg
- Doors with moulded recess cylinder lock
- When using drawers and pull-outs, the opening angle must be 130°



#### Hinged door cabinet T500

- 2 x drawers
- 1 x shelf
- 1x hanging folder frame

Item no.	Dimensions in mm (WxDxH)
04.106.001	680 x 500 x 1019

# 04.106 04.112

#### Housing with hinged doors

Item no.	Dimensions in mm (WxDxH)	Usable height
04.106	680 x 500 x 1019	900
04.112	680 x 500 x 1838	1719

#### **Drawers**

- Drawers with full pull-out (FP) 100 %
- Usable drawer dimension: 600 x 400 mm (B x T)

Item no.	Front height	Shell height	Usable height	Load capacity
60.068.175VA	75	59	60	50 kg
60.068.100VA	100	85	90	50 kg
60.068.150VA	150	135	140	50 kg
60.068.200VA	200	185	190	50 kg
60.068.250VA	250	185	240	50 kg
60.068.300VA	300	185	290	50 kg
60.068.100VA-75	100	85	90	75 kg
60.068.150VA-75	150	135	140	75 kg
60.068.200VA-75	200	185	190	75 kg
60.068.250VA-75	250	185	240	75 kg
60.068.300VA-75	300	185	290	75 kg







#### Hanging folder frame R 24-16

■ Pull-out 100%, load capacity 50 kg

Item no.	Dimensions in mm (WxDxH)
04.060.015	625 x 382 x 80

## Pull-out shelf R 24-16

- Shelf with upstand, pull-out 100%, load capacity 50 kg
- Includes fastening material

Item no.	Dimensions in mm (WxDxH)
04.060.014	626 x 442 x 70



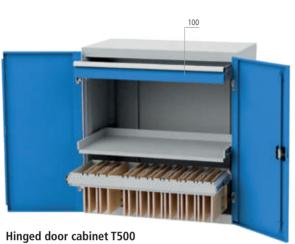
- load capacity 80 kg
- Includes fastening material

Item no.	Dimensions in mm (WxDxH)
04.060.013	625 x 443 x 22

## **Individual hinged door cabinets**

#### Hinged door cabinets T500 | wide 980 mm

- Robust, welded sheet steel construction
- Resistant powder coating
- Drawers/pull-out shelf with full pull-out 100 %, load capacity 50 kg
- Adjustable steel shelves, load capacity 80 kg
- Doors with moulded recess cylinder lock
- When using drawers and pull-outs, the opening angle must be 130°





- 1x pull-out shelf
- 1x hanging folder frame

Item no.	Dimensions in mm (WxDxH)
04.109.001	980 x 500 x 1019

#### Drawers

- Drawers with full pull-out (FP) 100 %
- Usable drawer dimension: 900 x 400 mm (B x T)

Item no.	Front height	Shell height	Usable height	Load capacity
60.098.075VA	75	59	60	50 kg
60.098.100VA	100	85	90	50 kg
60.098.150VA	150	135	140	50 kg
60.098.200VA	200	185	190	50 kg
60.098.250VA	250	185	240	50 kg
60.098.300VA	300	185	290	50 kg
60.098.100VA-75	100	85	90	75 kg
60.098.150VA-75	150	135	140	75 kg
60.068.200VA-75	200	185	190	75 kg
60.068.250VA-75	250	185	240	75 kg
60.068.300VA-75	300	185	290	75 kg

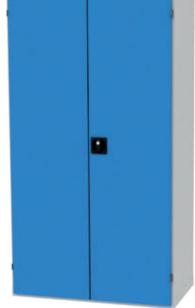


#### Hanging folder frame R 18-16

■ Pull-out 100%, load capacity 50 kg

Item no.	Dimensions in mm (WxDxH)
04.090.015	925 x 382 x 80





#### Housing with hinged doors

Item no.	Dimensions in mm (WxDxH)	Usable height
04.109	980 x 500 x 1019	900
04.118	980 x 500 x 1838	1719



#### Pull-out shelf R 18-16

- Shelf with upstand, pull-out 100%, load capacity 50 kg
- Includes fastening material

Item no.	Dimensions in mm (WxDxH)	
04.090.014	926 x 442 x 70	



#### Shelf R 18-16

- load capacity 80 kg
- Includes fastening material

Item no.	Dimensions in mm (WxDxH)
04.090.013	925 x 443 x 22

- Robust, welded sheet steel construction
- Resistant powder coating
- Drawers/pull-out shelf with full pull-out 100 %, load capacity 50 kg
- Adjustable steel shelves, load capacity 80 kg
- Doors with moulded recess cylinder lock
- When using drawers and pull-outs, the opening angle must be 130°



#### Housing with hinged doors and Plexglas insert

Price without drawers. Drawers have to be combined individually

Item no.	Dimensions in mm (WxDxH)	Usable height
04.119	980 x 500 x 1538 + 300 (drawers)	1538+300



#### Housing with hinged doors and Plexglas insert

Price without drawers. Drawers have to be combined individually

Item no.	Dimensions in mm (WxDxH)	Usable height
04.117	980 x 500 x 1838	1719



#### Display cabinet T500 R 36-16

- 3x shelf, fixed
- 1x shelf, pull-out
- 1x intermediate shelf
- 2x drawers, not lockable

Item no.	Dimensions in mm (WxDxH)
04.188.002	980 x 500 x 1838



## **Multifunction cabinets**

#### Multifunction cabinet T500 R 36-16

- When using drawers and pull-outs, the opening angle must be 130°
- Supplied without decoration, hooks and open fronted storage bins



#### Multifunction cabinet T500 R 36-16

- 2x shelf, fixed, 500 mm
- 1x perforated wall
- 2x hinged door with perforated wall

Item no.	Dimensions in mm (WxDxH)
04.118.023	980 x 500 x 1838



- 1x drawer 100 mm, FP 50 kg
- 1x drawer 200 mm, FP 50 kg
- 1x intermediate shelf
- 1x perforated wall
- 2x hinged door with perforated wall

Item no.	Dimensions in mm (WxDxH)
04.118.024	980 x 500 x 1838

#### **Individual components**

#### Drawers R 36-16

- Drawers with full pull-out (FP) 100 %
- Usable drawer dimension: 900 x 400 mm (B x T)

Item no.	Dimensions in mm (WxDxH)	Front height	Shell height	Load capacity
60.098.075VA	75	59	60	50 kg
60.098.100VA	100	85	90	50 kg
60.098.150VA	150	135	140	50 kg
60.098.200VA	200	185	190	50 kg
60.098.250VA	250	185	240	50 kg
60.098.300VA	300	185	290	50 kg
60.098.100VA-75	100	85	90	75 kg
60.098.150VA-75	150	135	140	75 kg
60.068.200VA-75	200	185	190	75 kg
60.068.250VA-75	250	185	240	75 kg
60.068.300VA-75	300	185	290	75 ka



#### Shelf R 36-16

Includes fastening material





#### Pull-out shelf R 36-16

- Shelf with upstand, pull-out 100%
- Includes fastening material

Item no.	Dimensions in mm (WxDxH)	Load capacity	
04.090.014	926 x 442 x 70	50 kg	

- When using drawers and pull-outs, the opening angle must be 130°
- It is not possible to install a shelf in front of the perforated rear wall
- Supplied without decoration, hooks and open fronted storage bins



#### Multifunction cabinet T500 R 36-16

- 2x hinged door with perforated wall
- 1x perforated wall
- 3x shelf

Item no.	Dimensions in mm (WxDxH)
04.118.026	980 x 500 x 1838

#### Accessories











#### **Hook assortment**

■ Further hook assortments can be found on page 312

Item no.	Parts
03.87.395-18	18 parts

#### Support rail for open fronted storage bins

Item no.	Width in mm
03.900.05	450
03.900.06	300

#### Open fronted storage bins

Item no.	Width in mm
03.900.001	Size 1 100 x 95 / 65 x 50
03.900.002	Size 2 100 x 170 / 140 x 80
03.900.003	Size 3 145 x 230 / 195 x 125
03.900.004	Size 4 200 x 350 / 300 x 145
03.900.005	Size 5 200 x 350 / 300 x 200

#### Range of open fronted storage bin as illustrated in the respective cabinets

Item no.	Туре
04.118.023/1	4x size 4, 6x size 3, 8x size 2, 6x size 1
04.118.024/1	6x size 3, 8x size 2, 6x size 1
04.118.026/1	4x size 4, 12x size 3, 48x size 2

# **Open fronted storage bin cabinets**



#### **Locking system**



The 3-bolt Ergo-Lock 4.0 lock is not only equipped with 2 keys but also a patented mechanism: Simply press to lock! It is only available for hinged door cabinets from page 540-542 and 546-549. On request, the Ergo-Lock 4.0 is also available keyed alike or as an electronic PIN code or RFID lock.





Simply press to lock



Recessed handle lock, easy to use even with gloves





#### **Electronic PIN code lock**

- Operation with 2 x standard AA alkaline batteries, approx. 3 years service life / 30,000 operations
- PIN code lock with selectable user and master code
- Immediately programmable and ready for operation

06.8900.750



#### Mechanical lock

- Mechanical key lock
- Surcharge per lock

06.8900.7211



#### **Electronic RFID transponder lock**

- Operation with 2 x standard AA alkaline batteries, approx. 3 years life / 30,000 operations
- RFID lock with programmable user and master cards as well as service card
- Basic programming set required for commissioning

06.8900.740



- Master card, update card, service card
- Required for commissioning the RFID lock

06.8900.7491

#### RFID user card

One card required per user

06.8900.7492



## Open fronted storage bin cabinets

#### Large cabinets

- Long-lasting steel construction with a wide range of different dimensions and box fittings for every purpose
- Door reinforcements for high door stability
- High flexibility of the internal arrangement through adjustability on a 15 mm grid
- Open fronted storage bins of various sizes, colours and fittings
- 3-bolt Ergo-Lock 4.0 with 2 keys and patented mechanism: Simply press to lock!
- Drawers with telescopic rail guide, full pull-out 100%,
   50 kg load capacity per drawer
- High load capacity per galvanised shelf up to 70 kg (shortened shelves up to 50 kg)

Open fronted storage bins (W x D x H)

Size 2: 103 x 160 x 75 mm Size 3: 150 x 230 x 125 mm Size 4: 210 x 350 x 145 mm Size 6: 315 x 500 x 145 mm

**Size 7**: 315 x 500 x 200 mm



Simply press to lock



Recessed handle lock, easy to

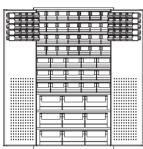
use even with gloves

nent with approx. 110° opening angle. For large cabinets with hinged doors the door opening angle is 180°

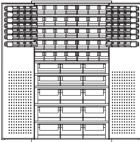
Door retention compo-



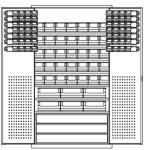
Drawers with telescopic rail guide, full pull-out, load capacity per drawer 50 kg



04.130276.65



04.130276.66

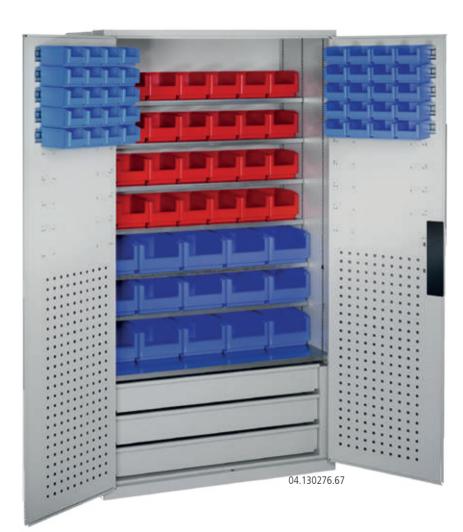


04.130276.68

#### Large cabinets with open fronted storage bins

■ 1100 x 535 x 1950 mm (W x D x H)

Item no.	Shelves	Drawers	Rails per door	Bins
04.130276.65	9x shelf, 7x shelf, short	-	5	40x size 2 blue, 28x size 3 red, 15x size 4 blue, 9x size 7 red
04.130276.66	9x shelf, 5x shelf, short	-	7	56x size 2 red, 35x size 3 blue, 6x size 6 red, 9x size 7 blue
04.130276.67	7x shelf, 6x shelf, short	3	5	40x size 2 blue, 28x size 3 red, 15x size 4 blue
04.130276.68	7x shelf, 4x shelf, short	3	7	56x size 2 red, 35x size 3 blue, 6x size 6 red



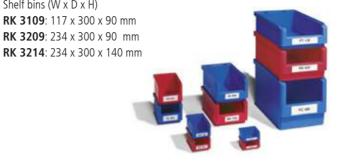
Open fronted storage bins (W x D x H) Shelf bins (W x D x H)

**Size 1:** 102 x 85 x 50 mm **Size 2**: 103 x 160 x 75 mm

**Size 3**: 150 x 230 x 125 mm **Size 4**: 210 x 350 x 145 mm

**Size 6**: 315 x 500 x 145 mm **Size 7**: 315 x 500 x 200 mm

**Size 5**: 210 x 350 x 200 mm









## Cabinets with open fronted storage bins

■ 700 x 300 x 1690 mm (W x D x H)

Item no.	Shelves	Bins
04.413.20	6	-
04.413.22	9	20x size 3 red, 20x size 3 blue
04.413.23	11	36x size 2 red, 24x size 3 blue
04.413.27	13	18x size 1 red, 18x size 1 blue, 18x size 2 red, 20x size 3 blue
04.413.25	14	42x size 2 red, 48x size 2 blue
04.413.210	17	30x size 1 red, 30x size 1 blue, 24x size 2 red, 24x size 2 blue
04.413.24	9	45x size 1 red, 45x size 1 blue, 24x size 2 red, 24x size 2 blue

### Additional shelf

galvanised

Item no.	For cabinet widths	Dimensions in mm (WxDxH)
04.013.81	700	694 x 252 x 15
04.044.81	1000	994 x 372 x 24

## Cabinets with open fronted storage bins

■ 700 x 300 x 1980 mm (W x D x H)

Item no.	Shelves	Bins
04.113.20	9	-
04.113.22	15	60x size 2 red, 24x size 3 blue
04.113.23	18	60x size 2 red, 54x size 2 blue
04.113.21	11	24x size 3 red, 24x size 3 blue

## Cabinets with open fronted storage bins and shelf bins

■ 1000 x 420 x 1980 mm (W x D x H)

Item no.	Shelves	Bins
04.144.20	4	-
04.144.22	6	16x size 5 red, 12x size 5 blue
04.144.23	8	24x size 4 red, 12x size 5 blue
04.144.24	9	20x size 4 red, 20x size 4 blue
04.144.29	11	48x RK 3109 blue, 112x size 4 red, 12x size 4 blue
04.144.28	12	40x RK 3109 blue, 16x RK 3209 blue, 16x RK 3214 blue

Housing

RAL 5012 RAL 7021 RAL 7016 RAL 7035

101113								
RAL 3000	RAL 3003	RAL 5010	RAL 5012	RAL 5021	RAL 6011	RAL 7021	RAL 7016	RAL 7035

# Hinged door cabinets with shelves

## **Hinged door cabinets**

- Long-lasting steel construction with a wide range of different dimensions for every purpose - up to 800 mm depth
- Central door reinforcements for high door stability
- Door retention component with approx. 110° opening angle
- High flexibility of the internal arrangement through adjustability on a 15 mm grid
- 3-bolt Ergo-Lock 4.0 with 2 keys and patented mechanism: Simply press to lock!
- High load capacity per galvanised shelf: 70 kg



Simply press to lock



Recessed handle lock, easy to use even with gloves



Door retention component with approx. 110° opening angle





04.156.093

04.158.120

## Hinged door cabinets, height 1950 mm

4x galvanised shelf

Item no.	Dimensions in mm (WxDxH)	Туре
04.155.050	500 x 500 x 1950	1x hinged door
04.154.070	700 x 400 x 1950	2x hinged door
04.155.070	700 x 500 x 1950	2x hinged door
04.154.093	930 x 400 x 1950	2x hinged door
04.155.093	930 x 500 x 1950	2x hinged door
04.156.093	930 x 600 x 1950	2x hinged door
04.158.093	930 x 800 x 1950	2x hinged door
04.154.120	1200 x 400 x 1950	2x hinged door
04.155.120	1200 x 500 x 1950	2x hinged door
04.156.120	1200 x 600 x 1950	2x hinged door
04.158.120	1200 x 800 x 1950	2x hinged door

#### Additional shelf

- Load capacity 70 kg
- galvanised

Item no.	Dimensions in mm (WxD)
04.155.050FB	495 x 453
04.154.070FB	695 x 353
04.155.070FB	695 x 453
04.154.093FB	925 x 353
04.155.093FB	925 x 453
04.156.093FB	925 x 553
04.158.093FB	925 x 753
04.154.120FB	1195 x 353
04.155.120FB	1195 x 453
04.156.120FB	1195 x 553
04.158.120FB	1195 x 753

## **Environment protection cabinets and fireproof cabinets**

Hinged and sliding door cabinets





- Storage of small containers of water-hazardous materials, e.g. fertilizer, oils, fats, small quantities of thinner, etc.
- Hinged doors with perforated rosettes for ventilation
- Exterior height 1950 mm (interior 1840 mm)
- Internal dimensions (WxD) 928 x 453 mm
- Trays tested in accordance with the WHG (Water Resources Act)







item no.	Dimensions in mm (WXDXH)	Description
04.01.119	930 x 500 x 1950	4x adjustable galvanised tray, collection volume per tray approx. 20 l
04.01.219	930 x 500 x 1950	3x adjustable galvanised shelf, 4x plastic tray made of polyethylene

## **Fireproof cabinets**

- Double-walled on all sides (between the walls are 25 mm thick special insulating panels, class A1 non-flammable according to DIN 4102)
- Protection against small fires and attempts at burglary
- Hinged doors on stable pintles at top and bottom
- Improved security against burglary through stable door locking mechanisms that engage in the side walls on left and right
- 5-bar bolt lock mechanism (3x side, 1x top/bottom)
- Double-bit security lock with 2 keys
- Load capacity per shelf: 70 kg
- 1x door, internal, 4x adjustable shelf

Item no.	External dimensions in mm (WxDxH)	Internal dimensions in mm (WxD)
04.112.04	650 x 500 x 1950	598 x 429

■ 2x door, internal, 4x adjustable shelf

Item no.	External dimensions in mm (WxDxH)	Internal dimensions in mm (WxD)
04.112.05	930 x 500 x 1950	878 x 429

■ 2x door, internal, 4x adjustable shelf

Item no.	External dimensions in mm (WxDxH)	Internal dimensions in mm (WxD)
04.112.06	1200 x 500 x 1950	1148 x 429



04.112.04

Housing

RAL 5012 RAL 7021 RAL 7016 RAL 7035

Fronts

RAL 5012 RAL 5021 RAL 6011 RAL 7021 RAL 7016 RAL 7035

# Hinged door cabinets with shelves

## **Hinged door cabinets**

## New

#### Version:

- On enclosed plinth
- Cabinet bottom smooth, without protruding edges, therefore easy to clean
- High-quality, environmentally friendly powder coating

#### Interrior

- 4 x shelf, height adjustable in a grid fo 50 mm
- No accessories for height adjustment necessary
- 80 kg load capacity per shelf



#### Doors

- 2 x hinge each side
- Box-shaped reinforcement profile over the entire door height, for additional stabilisation
- Concealed locking bars
- Doors smooth on the outside

#### Locking

- 3-point lock, recessed turning handle and integrated security cylinder lock
- Incl. 2 x key
- Doors can be locked together in the middle



04.Z13.14.060

## Hinged door cabinets, depth 300 mm

Item no.	Dimensions in mm (WxDxH)	Туре
04.Z13.13.050	500 x 300 x 1950	2x hinged door
04.Z13.13.060	600 x 300 x 1950	2x hinged door
04.Z13.13.070	700 x 300 x 1950	2x hinged door
04.Z13.13.080	800 x 300 x 1950	2x hinged door
04.Z13.13.090	900 x 300 x 1950	2x hinged door
04.Z13.13.100	1000 x 300 x 1950	2x hinged door
04.Z13.13.120	1200 x 300 x 1950	2x hinged door
04.Z13.13.150	1500 x 300 x 1950	2x hinged door

## Hinged door cabinets, depth 700 mm

	-	
Item no.	Dimensions in mm (WxDxH)	Туре
04.Z13.17.050	500 x 700 x 1950	2x hinged door
04.Z13.17.060	600 x 700 x 1950	2x hinged door
04.Z13.17.070	700 x 700 x 1950	2x hinged door
04.Z13.17.080	800 x 700 x 1950	2x hinged door
04.Z13.17.090	900 x 700 x 1950	2x hinged door
04.Z13.17.100	1000 x 700 x 1950	2x hinged door
04.Z13.17.120	1200 x 700 x 1950	2x hinged door
04.Z13.17.150	1500 x 700 x 1950	2x hinged door

## Hinged door cabinets, depth 400 mm

Item no.	Dimensions in mm (WxDxH)	Туре
04.Z13.14.050	500 x 400 x 1950	2x hinged door
04.Z13.14.060	600 x 400 x 1950	2x hinged door
04.Z13.14.070	700 x 400 x 1950	2x hinged door
04.Z13.14.080	800 x 400 x 1950	2x hinged door
04.Z13.14.090	900 x 400 x 1950	2x hinged door
04.Z13.14.100	1000 x 400 x 1950	2x hinged door
04.Z13.14.120	1200 x 400 x 1950	2x hinged door
04.Z13.14.150	1500 x 400 x 1950	2x hinged door

## Hinged door cabinets, depth 800 mm

Item no.	Dimensions in mm (WxDxH)	Туре
04.Z13.18.050	500 x 800 x 1950	2x hinged door
04.Z13.18.060	600 x 800 x 1950	2x hinged door
04.Z13.18.070	700 x 800 x 1950	2x hinged door
04.Z13.18.080	800 x 800 x 1950	2x hinged door
04.Z13.18.090	900 x 800 x 1950	2x hinged door
04.Z13.18.100	1000 x 800 x 1950	2x hinged door
04.Z13.18.120	1200 x 800 x 1950	2x hinged door
04.Z13.18.150	1500 x 800 x 1950	2x hinged door

## **Cleaning cabinets**

New

Hinged and sliding door cabinets

#### Version:

- On enclosed plinth
- Cabinet bottom smooth, without protruding edges, therefore
- High-quality, environmentally friendly powder coating

■ 80 kg load capacity per shelf



#### Doors:

- 2 x hinge each side
- Box-shaped reinforcement profile over the entire door height, for additional stabilisation
- Concealed locking bars

#### Locking:

- 3-point lock, recessed turning handle and integrated security cylinder lock
- Incl. 2 x key
- Doors can be locked together in the middle
- 2 x seperate safe deposit boxed
- 3 x shelf

Item no.	Dimensions in mm (WxDxH)	Туре
04.W13.14.090	900 x 400 x 1950	2x hinged door
04.W13.15.090	900 x 500 x 1950	2x hinged door
04.W13.16.090	900 x 600 x 1950	2x hinged door
04.W13.14.100	1000 x 400 x 1950	2x hinged door
04.W13.15.100	1000 x 500 x 1950	2x hinged door
04.W13.16.100	1000 x 600 x 1950	2x hinged door

- Left: 4x shelf
- Right: Hat shelf and clothes rail with 3x sliding hook

Item no.	Dimensions in mm (WxDxH)	Туре
04.K13.14.090	900 x 400 x 1950	2x hinged door
04.K13.15.090	900 x 500 x 1950	2x hinged door
04.K13.16.090	900 x 600 x 1950	2x hinged door
04.K13.14.100	1000 x 400 x 1950	2x hinged door
04.K13.15.100	1000 x 500 x 1950	2x hinged door
04.K13.16.100	1000 x 600 x 1950	2x hinged door



- 1x hat shelf
- 1x clothes rail
- 1x shelf

Item no.	Dimensions in mm (WxDxH)	Туре
04.V13.14.090	900 x 400 x 1950	2x hinged door
04.V13.15.090	900 x 500 x 1950	2x hinged door
04.V13.16.090	900 x 600 x 1950	2x hinged door
04.V13.14.100	1000 x 400 x 1950	2x hinged door
04.V13.15.100	1000 x 500 x 1950	2x hinged door
04.V13.16.100	1000 x 600 x 1950	2x hinged door

RAL 3000 RAL 3003 RAL 5010 RAL 5012 RAL 5018 RAL 6011 RAL 6018 RAL 7035 RAL 7016 RAL 9005

# **Heavy-duty cabinets**

## Heavy-duty cabinets

#### Heavy-duty cabinets with hinged doors:

- Long-lasting sheet steel construction
- Door retention component through external hinges, approx. 180° opening angle
- Door reinforcement for high door stability and concealed locking bar
- High flexibility of the internal arrangement through adjustability on a 15 mm grid
- 3-bolt Ergo-Lock 4.0 with 2 keys and patented mechanism: Simply press to lock!
- High load capacity of galvanised shelves: 110 kg
- Bay load 700 kg



Simply press to lock



Recessed handle lock, easy to use even with gloves



Door opening angle approx. 180° through external hinges



Door reinforcement for high door stability with concealed locking bars



Drawers with telescopic rail guide, full pull-out, load capacity per drawer 75 kg







## Heavy-duty cabinets with hinged doors

 4x adjustable shelf, galvanised, load capacity 110 kg

Item no.	Dimensions in mm (WxDxH)
04S155093	930 x 500 x 1950
04\$156093	930 x 600 x 1950
04\$158093	930 x 800 x 1950
04S155120	1200 x 500 x 1950
04S156120	1200 x 600 x 1950
04S158120	1200 x 800 x 1950

# Heavy-duty cabinets with centric drawer block

- 3x drawer with full pull-out
- Load capacity 75 kg per drawer
- 3x adjustable shelf, galvanised, load capacity 110 kg

Item no.	Dimensions in mm (WxDxH)
04\$155093-1	930 x 500 x 1950
04\$156093-1	930 x 600 x 1950
04\$155120-1	1200 x 500 x 1950
04\$156120-1	1200 x 600 x 1950

## Heavy-duty cabinet with sliding doors

- 4x adjustable shelf, galvanised
- Turn/push cylinder lock incl. 2 key and exchangeable cylinder
- Sliding doors with smooth-running rollers

Item no.	Dimensions in mm (WxDxH)
04S255120	1200 x 500 x 1950

## Heavy-duty cabinet with sliding doors

- With centre divider
- 2 x 4 adjustable shelf, galvanised

Item no.	Dimensions in mm (WxDxH)
04S255160	1600 x 500 x 1950



# Cabinets with glazed doors

Hinged and sliding door cabinets

#### Cabinets with glazed doors:

- Steel-hinged doors with firmly screwed 3 mm thick acrylic glass and concealed locking bars
- Acrylic glass can be easily replaced



## Hinged door cabinets with windows

 4x adjustable shelf, galvanised, load capacity 70 kg

Item no.	Dimensions in mm (WxDxH)
04155093G	930 x 500 x 1950
04156093G	930 x 600 x 1950
04158093G	930 x 800 x 1950
04155120G	1200 x 500 x 1950
04156120G	1200 x 600 x 1950
04158120G	1200 x 800 x 1950



# Hinged door cabinets with centric drawer block and viewing window

- 3x drawer with full pull-out
- Load capacity 50 kg per drawer
- 3x adjustable shelf, galvanised, load capacity 70 kg

Item no.	Dimensions in mm (WxDxH)
04155093G-2	930 x 500 x 1950
04156093G-2	930 x 600 x 1950
04155120G-2	1200 x 500 x 1950
04156120G-2	1200 x 600 x 1950



# Hinged door cabinets with lower drawer block and viewing window

- 3x drawer with full pull-out
- Load capacity 50 kg per drawer
- 4x adjustable shelf, galvanised, load capacity 70 kg

Item no.	Dimensions in mm (WxDxH)
04155093G-1	930 x 500 x 1950
04156093G-1	930 x 600 x 1950
04155120G-1	1200 x 500 x 1950
04156120G-1	1200 x 600 x 1950







Smooth-running sliding doors run with special rollers in rail quides



Ergonomic metal bow-type handle for easy use



High load capacity per shelf: 70 kg

#### Sliding door cabinets with viewing window

- 4x adjustable shelf, galvanised, load capacity 70 kg,
   1600 mm wide versions with centre panel and 2x 4 shelves
- Turn/push cylinder lock incl. 2 key and exchangeable cylinder
- Ideal for confined spaces
- Steel sliding doors with viewing window of firmly adhered 3 mm thick acrylic glass for direct view

Item no.	Dimensions in mm (WxDxH)
04255120G	1200 x 500 x 1950
04256120G	1200 x 600 x 1950
04255160G	1600 x 500 x 1950
04256160G	1600 x 600 x 1950

Housina

RAL 5012 RAL 7021 RAL 7016 RAL 7035

Fronts

1101112								
RAL 3000	RAL 3003	RAL 5010	RAL 5012	RAL 5021	RAL 6011	RAL 7021	RAL 7016	RAL 7035

# **Hinged door cabinets**

## **Battery charging cabinets**

- Sturdy steel construction with high-quality coating
- Doors on external hinges, 180° door opening angle
- Optionally with solid sheet metal doors or with viewing window made of acrylic glass, 3 mm thick, easy to replace
- 3-bolt Ergo-Lock 4.0 handle lock with 2 keys and patented mechanism Simply press to close!
- High adjustability of the shelves: adjustable in a grid of 15 mm

#### The innovativ e-shelf

- Sophisticated technology for simplest use
- Concealed storage tray for power supply units and supply cables of the chargers
- More space and better organisation
- Mounting and positioning of the socket strip (firmly connected to the base)
- Perforated to allow for good airflows





- Special tray floor (e-shelf), galvanised, with 5-fold socket strip and concealed accommodation level for cables and power supply units
- Perforated rear panel for optimum ventilation, comfort version with fan
- Each cabinet incl. 3 m Schuko supply cable, 230 V

## All cabinets comply:

New

- Low Voltage Directive 2014/35/EU
- EMC Directive 2014/30/EU
- RoHS Directive 2011/65/EU





Temperature-controlled fan and central master bar in the comfort cabinet

## **Accessories**



#### Additional shelf

- Only for battery charging cabinet basic
- Only one additional shelf possible (not retrofittable), incl. allocation

Item no. 06.80E1



#### Drawer unit

- 3 x drawers full pull-out 100%, 50 kg load capacity
- With telescopic rail

1tem no. 06.5702



#### Rubber mat

- For application on the e-shelf
- Incl. adhesive tape

Item no.

06.703



## Foam rubber mat

■ To be placed in the drawer

Item no

06.701

## Hinged and sliding door cabinets



#### Battery charging cabinet basic

- Solid sheet metal doors
- 3 x shelf, galvanized
- 1 x e-shelf, permanently installed, earthed (electric tray base with 5-fold socket strip)
- 1 x additional e-shelf possible (not retrofittable)
- Additional shelves possible

Item no.	Dimensions in (W x D x H)
06.155.05E1	930 x 500 x 1950



## **Battery charging cabinet comfort**

RAL 5012 RAL 7021 RAL 7016 RAL 7035

- Solid sheet metal doors
- Incl. temperature-controlled fan
- 1 x shelf, galvanized
- 3 x e-shelf, permanently installed, earthed (electric tray base with 5-fold socket strip = 15 sockets in total)
- Central master bar with fan connection, installation contactor, circuit breaker, as well as 3 x connections for socket strips

Item no.	Dimensions in (W x D x H)	
06.155.05E3	930 x 500 x 1950	
Housing		Fronts

Fronts



RAL 5012 RAL 5021 RAL 6011 RAL 7021 RAL 7016 RAL 7035



#### Akkuladeschrank Basic

- Doors with viewing window
- 3 x shelf, galvanized
- 1 x e-shelf, permanently installed, earthed (electric tray base with 5-fold socket strip)
- 1 x additional e-shelf possible (not retrofittable)
- Additional shelves possible

Item no.	Dimensions in (W x D x H)
06.155.055E1	930 x 500 x 1950





## **Battery charging cabinet comfort**

- Doors with viewing window
- Incl. temperature-controlled fan
- 1 x shelf, galvanized
- 3 x e-shelf, permanently installed, earthed (electric tray base with 5-fold socket strip = 15 sockets in total)

Dimensions in (W x D x H)

 Central master bar with fan connection, installation contactor, circuit breaker, as well as 3 x connections for socket strips

06.155.055E3	930 x 500 x 1950

# **Sliding door cabinets**

## Sliding door cabinet T736 R 24-24

- Cabinet housing: Stable welded construction in steel sheet
- Doors: Double-edged and reinforced sheet steel, easy running
- Sheet steel: reinforced, powder-coated
- With push cylinder lock



## **Empty housing with sliding doors**

■ Usable height: 850 mm

Item no.	Dimensions in mm (WxDxH)
04.200.140	1410 x 790 x 1044

## Drawer T 736 R 24-24

■ 600 x 600 mm (W x D) with full pull-out 100 % - load capacity 70/100 kg

VA
100 kg
100%

180 kg

100%

Item no.	Front height	Shell height	Usable height	Load capacity
60.70.050V07	50	28	30	70 kg
60.70.075V10	75	56	58	100 kg
60.70.100V10	100	81	83	100 kg
60.70.125V10	125	81	108	100 kg
60.70.150V10	150	131	133	100 kg
60.70.175V10	175	131	158	100 kg
60.70.200V10	200	181	183	100 kg
60.70.250V10	250	181	233	100 kg
60.70.300V10	300	181	283	100 kg



■ 600 x 600 mm (W x D) with full pull-out 100 % - load capacity 180 kg

Item no.	Front height	Shell height	Usable height	Load capacity
60.70.100V18	100	81	83	180 kg
60.70.125V18	125	81	108	180 kg
60.70.150V18	150	131	133	180 kg
60.70.175V18	175	131	158	180 kg
60.70.200V18	200	181	183	180 kg
60.70.250V18	250	181	233	180 kg
60.70.300V18	300	181	283	180 kg
60.70.30V18CNC	300	81	283	180 kg
60.70.40V18CNC	400	81	383	180 kg

#### Shelf

Item no.	Dimensions in mm (WxDxH)	pull-out	Load capacity
04.200.92V10	600 x 615 x 55	100 %	100 kg
04.200.92V18	600 x 615 x 55	100 %	180 kg
04.200.94	647 x 670 x 25		100 kg

RAL standard colours, see page 27



- Push cylinder lock
- For 1200 mm width full-length shelves, for 1600 mm with centre divider
- High flexibility of the internal arrangement through adjustability on a 15 mm grid
- Load capacity shelf 70 kg



## Height 1000 mm

- 2x adjustable shelf, galvanised
- Including top ribbed rubber mat

Item no.	Dimensions in mm (WxDxH)
04.254.12H10	1200 x 400 x 1000
04.255.12H10	1200 x 500 x 1000
04.256.12H10	1200 x 600 x 1000
04.254.16H10	1600 x 400 x 1000
04.255.16H10	1600 x 500 x 1000
04.256.16H10	1600 x 600 x 1000



## Height 1200 mm

- 2x adjustable shelf, galvanised
- Including top ribbed rubber mat

Item no.	Dimensions in mm (WxDxH)
04.254.12H12	1200 x 400 x 1200
04.255.12H12	1200 x 500 x 1200
04.256.12H12	1200 x 600 x 1200
04.254.16H12	1600 x 400 x 1200
04.255.16H12	1600 x 500 x 1200
04.256.16H12	1600 x 600 x 1200



## Height 1950 mm

4x galvanised shelf

Item no.	Dimensions in mm (WxDxH)
04.254.120	1200 x 400 x 1950
04.255.120	1200 x 500 x 1950
04.256.120	1200 x 600 x 1950
04.254.160	1600 x 400 x 1950
04.255.160	1600 x 500 x 1950
04.256.160	1600 x 600 x 1950

Housing

RAL 5012 RAL 7021 RAL 7016 RAL 7035



## Additional shelf

- In pairs only with 1600 mm width
- Load capacity 70 kg
- galvanised

Item no.	Dimensions in mm (WxDxH)
04.254.120FB	1196 x 327 x 24
04.255.120FB	1196 x 427 x 24
04.256.120FB	1196 x 527 x 24
04.254.160FB	796 x 327 x 24
04.255.160FB	796 x 427 x 24
04.256.160FB	796 x 527 x 24

Fronts

RAL 3000 RAL 3003 RAL 5010 RAL 5012 RAL 5021 RAL 6011 RAL 7021 RAL 7016 RAL 7035



# Chairs and shelving



# bedrunka+hirth

## Chairs and shelving



Work stools Page 554





Work chairs and standing aids

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Shelving systems Page 564





Wide-span shelving Page 568







Cantilever shelving Page 570



Inclined shelving Page 574



Flow racks Page 575



## Work stools





- Concealed safety gas spring
- High-quality plastic cruciform base, Ø 630 mm

Item no.	Seat	Seat height mm
05.96.42	PU black	400 - 590, glides
05.96.43	PU black	420 - 610, casters
05.96.06	Beech	415 - 605, glides
05.96.05	Beech	435 - 625, casters
05.96.44	Padding, anthracite	475 - 665, glides
05.96.45	Padding, anthracite	495 - 685, casters



- PU-, Buchen- oder Polstersitz, Ø 350 mm
- Hochwertige Industrie-Lenkrollen
- Plastic-cruciform base with 5-compartment storage tray

Item no.	Seat	Seat height mm
05.96.12	PU black	400 - 525, casters
05.96.13	Beech	410 - 545, casters



- PU-, Buchen- oder Polstersitz, Ø 350 m
- Safety gas spring
- Steel cruciform base with glides
- All-round footrest provides secure footing

Item no.	Seat	Seat height mm
05.96.39	PU black	540 - 730, glides
05.96.40	Beech	555 - 745, glides
05.96.41	Padding, anthracite	615 - 805, glides



- PU-, Buchen- oder Polstersitz, Ø 350 m
- Safety gas spring
- High-quality plastic cruciform base, black, Ø 440 mm

ltem no.	Seat	Seat height mm
05.96.36	PU black	440 - 630, glides
05.96.37	Beech	455 - 645, glides
05.96.38	Padding, anthracite	515 - 705, glides





05.3575.08

- PU seat black
- Plastic-cruciform base black with concealed safety gas spring, black
- 7° seat incline adjustment
- The elevated backrest ensures upright sitting.

Item no.	Seat height in mm	Туре
05.3571.08	415-605	Glides
05.3571.18	445-635	Casters

- PU seat black
- Plastic-cruciform base black with concealed safety gas spring, black
- 7° seat incline adjustment
- The elevated backrest ensures upright sitting.

Item no.	Seat height in mm	
05.3576.08	550 - 805	Glides
05.3575.08	550-805	Glides with foot ring

Stacking stool Chairs and shelving



## Standard stacking stool

- Quickly to hand and stacked to save space
- Seat: durable PU foam or beech plywood
- Stable steel tube frame
- Seat height 500 mm
- Seat Ø 350 mm
- Also available in stainless steel

Item no.	Seat	Frame
05.3250.01	PU black	Black
05.3250.02	Beech	Black
05.3250.04	PU black	Light grey
05.3250.22	Beech	Light grey



## High stacking stool

- Quickly to hand and stacked to save space
- Seat: durable PU foam or beech plywood
- Stable steel tube frame
- Seat height 580 mm
- Seat Ø 350 mm
- Also available in stainless steel

Item no.	Seat	Frame
05.3258.01	PU black	Black
05.3258.02	Beech	Black
05.3258.04	PU black	Light grey
05.3258.22	Beech	Light grey



## Work chairs - load capacity up to approx. 120 kg



## Industrial swivel chair with foot ring and glides

- Seat and backrest of beech plywood, natural finish
- Height adjustment with gas spring
- Plastic cruciform base with glides

Item no.	Height adjustment in mm
05.94.36	590 - 840



#### Industrial swivel chair with casters

- Seat and backrest of beech plywood, natural finish
- Height adjustment with gas spring
- Plastic cruciform base with casters

Item no.	Height adjustment in mm
05.94.37	480 - 620



## Industrial swivel chair with footrest and glides

- Seat and backrest of beech plywood, natural finish
- Height adjustment with keyway
- Steel cruciform base made of rectangular tube with glides

Item no.	Height adjustment in mm
05.94.40	640 - 880



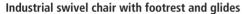
## Industrial swivel chair in two different versions

- Seat and backrest of beech plywood, natural finish
- Height adjustment with keyway
- Steel cruciform base made of rectangular tube with glides

Item no.	Height adjustment in mm	Туре
05.94.41	640 - 880	with foot ring and glides
05.94.42	440 - 630	with glides

## Chairs and standing aids for special applications





- Seat and backrest PU foam, black
- Height adjustment with gas spring
- Plastic cruciform base with glides

Item no.	Height adjustment in mm	
05.94.38	590 - 850	



#### Industrial swivel chair with glides

- Seat and backrest PU foam, black
- Height adjustment with gas spring
- Plastic cruciform base with glides

Item no.	Height adjustment in mm
05.94.39	470 - 610





## Industrial swivel chair with foot ring and glides

- Seat and backrest with synthetic leather upholstery, black
- Height adjustment with keyway
- Steel cruciform base made of rectangular tube with glides

Item no.	Height adjustment in mm
05.94.43	690 - 930

## Industrial swivel chair with casters

- Seat and backrest with synthetic leather upholstery, black
- Height adjustment with keyway
- Steel cruciform base made of rectangular tube with casters

Item no.	Height adjustment in mm
05.94.44	540 - 660



## **Work chairs**









- Very sturdy tubular steel base with three PU footrests of different heights
- Safety gas spring
- Tilting backrest
- Height-adjustable
- Backrest with adjustable incline

Item no.	Seat and backrest	Seat height mm
05.96.19	PU black	480 - 870, glides
05.96.20	Beech	460 - 850, glides
05.96.21	Padding, anthracite	490 - 880, glides





- High-quality plastic cruciform base
- Safety gas spring
- PU parts with steel inserts
- Tilting backrest
- Height-adjustable
- Backrest with adjustable incline

Item no.	Seat and backrest	Seat height mm
05.96.02	PU black	435 - 625, glides
05.96.01	PU black	465 - 655, casters
05.96.04	Beech	415 - 605, glides
05.96.03	Beech	445 - 635, casters
05.96.17	Padding, anthracite	450 - 640, glides
05.96.18	Padding, anthracite	480 - 670, casters



- Large PU and upholstered seat and backrest
- Ergonomically shaped
- 12° seat incline adjustment
- Asynchronous mechanism for infinite setting of the seat and backrest angle
- Safety gas spring, chrome-plated foot ring
- Plastic cruciform base

Item no.	Seat and backrest	Seat height mm
05.96.22	PU black	515 - 700, glides
05.96.23	Padding, anthracite	525 - 710, glides





- Stable plastic-cruciform base, black
- PU parts with steel inserts
- Tilting backrest
- Height-adjustable
- Backrest with adjustable incline

Item no.	Seat and backrest	Seat height mm
05.96.24	PU black	560 - 820, glides
05.96.25	Beech	540 - 800, glides
05.96.26	Padding, anthracite	575 - 835, glides

## **Work chairs**













## Industrial swivel chair

- Maximum load of up to 150 kg or 170 kg
- Seat and backrest with adjustable incline, back with anti-shock
- Height-adjustable with gas spring
- Steel cruciform base

Item no.	Туре	Height adjustment in mm	Load capacity kg	Seat (WxD in mm)	Backrest in mm
05.95.03	With glides	490 - 630	up to 170	480 x 470	430 x 420
05.95.04	With braked casters	480 - 610	up to 170	480 x 470	430 x 420
05.95.05	Glides with footrest	590 - 840	up to 150	480 x 470	430 x 420
05.95.06	Glides with foot ring	590 - 840	up to 150	480 x 470	430 x 420



#### Super-soft work chair

- PU seat black
- Super-soft seat and backrest thanks to new foam system
- Shock-resistant and watertight, easy to care for and durable
- Adaptation to body shape and comfortable pressure relief thanks to ergonomically shaped seat and backrest padding.
- Ventilation channels ensure air exchange
- Stable black plastic cruciform base with concealed safety gas spring, either with load-dependent braked casters or large glides
- Height-adjustable, tilting backrest,
- Backrest with adjustable incline, permanent contact optional

Item no.	Seat height in mm	Туре
05.7540.01	440 - 630	Glides
05.7540.11	460 - 650	Double casters
05.7545.01	530 - 790	Glides with foot ring

Also available with seat tilt on request (extra charge)





## **Work chairs**





- Seat and backrest PU foam, black
- Back with anti-shock, height and tilt adjustable
- Height adjustment with gas spring
- Elegant, stable cruciform base made of round tube, with casters

Item no.	Height adjustment in mm
05.94.31	480 - 610





- Seat and backrest PU foam, black
- Back with anti-shock, height and tilt adjustable
- Height adjustment with gas spring
- Elegant, stable cruciform base made of ound tube, with floor glides

Item no.	Height adjustment in mm
05.93.32	480 - 620







- ESD version
- Seat and backrest upholstered in fabric, black
- Tilting backrest, adjustable height and incline
- Height adjustment with gas spring
- Elegant aluminium cruciform base, with casters

Item no.	Height adjustment in mm
05.94.33	510 - 650







- ESD version
- Seat and backrest PU foam, black
- Tilting backrest, adjustable height and incline
- Height adjustment with gas spring
- Elegant aluminium cruciform base, with casters

Item no.	Height adjustment in mm
05.94.34	490 - 630





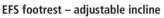


- ESD version
- Seat and backrest upholstered in fabric, black
- Tilting backrest, adjustable height and incline
- Height adjustment with gas spring
- Elegant aluminium cruciform base, with floor glides

Item no.	Height adjustment in mm
05.93.35	490 - 630

Standing aids Chairs and shelving





- Foot plate: Made of plastic with nubs, non-slip movement, adjustable height and incline
- Incline adjustment: 0 30°
- Height adjustment: With gas spring, activated at the press of a button
- Adjustment range: 110 320 mm

Item no.	Plate in mm	Frame in mm
05.95.01	510 x 350	500 x 360



- Seat made of PU, non-rotating
- Depth spring action
- Gas spring height adjustment
- Black, with glides



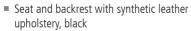






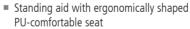






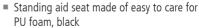
- Foldable seat, height-adjustable
- Height adjustment with handwheel adjustment
- Steel frame made of rectangular tube, with glides and small casters for easy transport
- Foldable footrest with glides, heightadjustable, rotating pedals for individual foot position

Item no.	Height adjustment in mm
05.94.30	550 - 770



- Easy to care for integral foam
- 15° tilting seat, 4 detent positions
- Horizontal swivelling 16° in each direction
- Seat height 600 850 mm, 8 detent positions

Item no.	Frame
05.96.08	Black
05.96.27	Red
05.96.28	Light grey
05.96.30	Stainless steel



- Foldable
- Lockable seat height adjustment 650 - 850 mm, 10 detent positions

Item no.	Frame
05.96.07	Black



DIN 66084 P-b und P-c

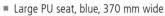


## Standing aids

# New







- Seat height adjustment, 7.5° forwards and backwards
- Seat height adjustment with gas spring
- Stable plastic-cruciform base, Ø 630 mm

Item no.	Seat height mm
05.96.10	600 - 860, glides
05.96.34	560 - 750, glides
05.96.35	490 - 680, glides, GS certificated
05.96.09	520 - 710, casters, GS certificated



- Seat PU foam or synthetic leather
- Swivels in all directions
- Height ajustment with gas spring, 510-700 mm
- Plastic foot Ø 400 mm with soft elastomer sole

Item no.	Seat
05.1134.05	PU foam
05.1134.07	Synthetic leather





- Tilting Seat 7°, PU foam
- Swivels in all directions
- Height ajustment with gas spring, 490-680mm
- Plastic foot Ø 400 mm with soft elastomer sole

Item no.	Seat
05.11134.08	PU



- Ergonomic seat with synthetic leather in two different colours
- Swivels in all directions
- Height ajustment with gas spring, 510-700mm
- Plastic foot Ø 400 mm with soft elastomer sole

Item no.	Seat
05.11134.0-08	Atoll blue
05.11134.0-10	Black

Chairs and shelving

New





- Seat PU foam, 420 mm wide
- 12° seat incline adjustment
- With handle on the back and integrated transport wheels
- Torsion-proof safety gas spring
- Seat height 700-800 mm
- Polished aluminium frame

Item no.	Frame
05.1000.01	Without footrest
05.1075.01	With footrest

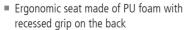
- Seat PU foam, black
- 12° seat incline adjustment
- With handle on the back and integrated transport wheels
- Torsion-proof safety gas spring
- Seat height 700-800 mm
- Polished aluminium frame

Item no.	Frame
05.1100.01	Without footrest
05.1175.01	With footrest

- Ergonomic seat made of PU foam with recessed grip on the back
- 7° seat incline adjustment
- Height adjustment via safety gas spring
- Seat height 580-840 mm
- Sturdy plastic cruciform base, Ø 630 mm

Item no.	Frame
05.4765.01	Without foot ring
05.4775.01	With foot ring





- 7° seat incline adjustment
- Height adjustment via safety gas spring
- eat height 550-800 mm
- Aluminium cruciform base, Ø 610 mm

Item no.	Frame
05.4765.01AL	Without foot ring
05.4775.01AL	With foot ring



- Ergonomic seat made of PU foam with carrying handle
- 12° seat incline adjustment
- Height adjustment via safety gas spring
- Seat height 570-820 mm
- Sturdy plastic cruciform base, Ø 630 mm

Item no.	Frame
05.4665.01	Without foot ring
05.4675.01	With foot ring



- Ergonomic seat made of PU foam with carrying handle
- 12° seat incline adjustment
- Height adjustment via safety gas spring
- Seat height 530-780mm
- Aluminium cruciform base, Ø 610 mm

Item no.	Frame
05.4665.01AL	Without foot ring
05.4675.01AL	With foot ring



# **Shelving systems**

## Multi-purpose shelving

The superb all-rounder is noted for shelf loads up to 250 kg, bay loads of up to 2000 kg and robust panel shelf levels for bay widths of up to 1695 mm. Locking bars as well as shelving levels made from stepped bars and inset shelf/panel mean no additional stiffening is necessary. Easy, quick and safe assembly is guaranteed.

- With pre-assembled frame
- Additional shelf load 250 kg
- Galvanised surface



## Multi-purpose shelving

■ 5 levels



## Wooden panel

Item no.	Dimensions in mm
05.18083	875 x 300
05.18084	875 x 400
05.18085	875 x 500
05.18086	875 x 600
05.18103	1005 x 300
05.18104	1005 x 400
05.18105	1005 x 500
05.18106	1005 x 600
05.18123	1285 x 300
05.18124	1285 x 400
05.18125	1285 x 500
05.18126	1285 x 600
05.18163	1695 x 300
05.18164	1695 x 400
05.18165	1695 x 500
05.18166	1695 x 600

	Item no.	Dimensions in mm (WxDxH)	Add-on shelving	Item no.
	05.50508.30	875 x 300 x 2000		05.50509.30
Base shelving	05.50508.40	875 x 400 x 2000		05.50509.40
	05.50508.50	875 x 500 x 2000		05.50509.50
	05.50508.60	875 x 600 x 2000		05.50509.60

## Multi-purpose shelving

■ 5 levels

	Base shelving	Item no.	Dimensions in mm (WxDxH)	Add-on shelving	Item no.
		05.50510.30	1005 x 300 x 2000		05.50511.30
		05.50510.40	1005 x 400 x 2000		05.50511.40
		05.50510.50	1005 x 500 x 2000		05.50511.50
		05.50510.60	1005 x 600 x 2000		05.50511.60

## Multi-purpose shelving

■ 5 levels

		Item no.	Dimensions in mm (WxDxH)		Item no.
		05.50512.30	1285 x 300 x 2000		05.50513.30
E	Base shelving	05.50512.40	1285 x 400 x 2000	Add-on shelving	05.50513.40
		05.50512.50	1285 x 500 x 2000		05.50513.50
		05.50512.60	1285 x 600 x 2000		05.50513.60

## Multi-purpose shelving

■ 5 levels

	Item no.	Dimensions in mm (WxDxH)		Item no.
	05.50516.30	1695 x 300 x 2000		05.50517.30
Base shelving	05.50516.40	1695 x 400 x 2000	Add-on shelving	05.50517.40
	05.50516.50	1695 x 500 x 2000		05.50517.50
	05.50516.60	1695 x 600 x 2000		05.50517.60

Document racks

Chairs and shelving

#### single-sided

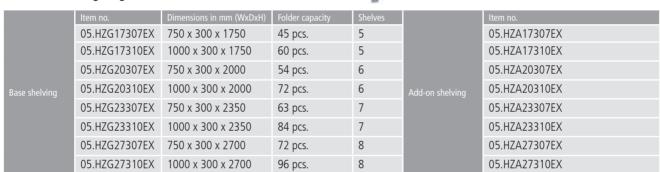
- Base and add-on shelving
- 60 kg load capacity per shelf
- Simple push-fit assembly
- Galvanised surface
- Shelving with rear stop edge
- Height-adjustability 25 : 25 mm
- External dimensions:
   Width base shelving 810 or 1060 mm
   Width add-on shelving 760 or 1010 mm
   Nominal dimension depth + 35 mm
- Additional shelfs on request

#### Security:

Shelving with a height/depth ratio greater than 5:1 must be secured to prevent it from tipping DGUV rule 108-007

Example: 3000 mm (H): 435 mm (D) = 6.9 The shelf must be secured! 2000 mm (H): 535 mm (D) = 3.74 The shelf does not need to be secured Tilt protection see page 566





#### **Double-sided**

- Base and add-on shelving
- 90 kg load capacity per shelf
- Simple push-fit assembly
- Galvanised surface
- Shelving with central stopper
- Height-adjustability 25:25 mm
- External dimensions:
   Width base shelving 810 or 1060 mm
   Width add-on shelving 760 or 1010 mm
   Nominal dimension depth + 35 mm
- Additional shelfs on request



#### Document shelving, double-sided

	Item no.	Dimensions in mm (WxDxH)	Folder capacity	Shelves		Item no.
	05.HZG17607DA	750 x 600 x 1750	90 pcs.	5		05.HZA17607DA
	05.HZG17610DA	1000 x 600 x 1750	120 pcs.	5		05.HZA17610DA
	05.HZG20607DA	750 x 600 x 2000	108 pcs.	6		05.HZA20607DA
Base shelving	05.HZG20610DA	1000 x 600 x 2000	144 pcs.	6	Add-on shelving	05.HZA20610DA
	05.HZG23607DA	750 x 600 x 2350	126 pcs.	7		05.HZA23607DA
	05.HZG23610DA	1000 x 600 x 2350	168 pcs.	7		05.HZA23610DA
	05.HZG27607DA	750 x 600 x 2700	144 pcs.	8		05.HZA27607DA
	05.HZG27610DA	1000 x 600 x 2700	192 pcs.	8		05.HZA27610DA





# **Shelving systems**

## **Shelving racks**

- Base and add-on shelving with shelves
- 200 240 kg load capacity per shelf
- Simple push-fit assembly
- Galvanised surface
- 40 mm folded shelf edge
- Height-adjustability 25 : 25 mm
- External dimensions:
   Width base shelving 1060/1360 mm
   Width add-on shelving 1010/1310 mm
   Nominal dimension depth + 35 mm
- Other versions on request.

## Security:

Shelving with a height/depth ratio greater than 5:1 must be secured to prevent it from tipping DGUV rule 108-007 <a href="Example">Example</a>:

3000 mm (H): 435 mm (D) = 6.9 The shelf must be secured! 2000 mm (H): 535 mm (D) = 3.74 The shelf does not need to be secured

## Tilt protection

Necessary if a height-depth ratio of 5:1 is exceeded

Item no.	Туре
05.ZW46	Ceiling anchoring
05.ZW45	Wall anchoring



## Shelving rack height 2000 mm

	Item no.	Dimensions in mm (WxDxH)	Shelves		Item no.
	05.HZG20410XM	1000 x 400 x 2000	5		05.HZA20410XM
	05.HZG20510XM	1000 x 500 x 2000	5		05.HZA20510XM
Base shelving	05.HZG20610XM	1000 x 600 x 2000	5	Add-on shelving	05.HZA20610XM
	05.HZG20413XM	1300 x 400 x 2000	5		05.HZA20413XM
	05.HZG20513XM	1300 x 500 x 2000	5		05.HZA20513XM
	05.HZG20613XM	1300 x 600 x 2000	5		05.HZA20613XM

## Shelving rack height 2500 mm

	Item no.	Dimensions in mm (WxDxH)	Shelves		Item no.
	05.HZG25410XM	1000 x 400 x 2500	6		05.HZA25410XM
	05.HZG25510XM	1000 x 500 x 2500	6		05.HZA25510XM
Base shelving	05.HZG25610XM	1000 x 600 x 2500	6	Add-on shelving	05.HZA25610XM
	05.HZG25413XM	1300 x 400 x 2500	6		05.HZA25413XM
	05.HZG25513XM	1300 x 500 x 2500	6		05.HZA25513XM
	05.HZG25613XM	1300 x 600 x 2500	6		05.HZA25613XM

## Shelving rack height 3000 mm

	Item no.	Dimensions in mm (WxDxH)	Shelves		Item no.
	05.HZG30410XM	1000 x 400 x 3000	7		05.HZA30410XM
	05.HZG30510XM	1000 x 500 x 3000	7	Add-on shelving	05.HZA30510XM
Base shelving	05.HZG30610XM	1000 x 600 x 3000	7		05.HZA30610XM
	05.HZG30413XM	1300 x 400 x 3000	7		05.HZA30413XM
	05.HZG30513XM	1300 x 500 x 3000	7		05.HZA30513XM
	05.HZG30613XM	1300 x 600 x 3000	7		05.HZA30613XM

## Chairs and shelving

## **Corner shelving racks**

- Corner shelving rack
- 125 kg per shelf
- Simple push-fit assembly
- Galvanised surface
- Height-adjustability 25 : 25 mm
- With diagonal bars and reinforcement cross-members
- Room corners can be fully utilised by avoiding the
- "dead corner"

  Recommended add-on shelving, see page 566

## Security:

Shelving with a height/depth ratio greater than 5:1 must be secured to prevent it from tipping DGUV rule 108-007 Example:

3000 mm (H): 435 mm (D) = 6.9 The shelf must be secured! 2000 mm (H): 535 mm (D) = 3.74The shelf does not need to be secured



Necessary if a height-depth ratio of 5:1 is exceeded

Item no.	Туре
05.ZW46	Ceiling anchoring
05.ZW45	Wall anchoring



## Corner shelving height 2000

Item no.	Dimensions in mm (WxDxH)	Shelves
05.HZE20410AXL	1060 / 1450 x 400 x 2000	2 x 5
05.HZE20510AXL	1060 / 1550 x 500 x 2000	2 x 5
05.HZE20413AXL	1360 / 1750 x 400 x 2000	2 x 5
05.HZE20513AXL	1360 / 1850 x 500 x 2000	2 x 5

## Corner shelving height 2500

Item no.	Dimensions in mm (WxDxH)	Shelves
05.HZE25410AXL	1060 / 1450 x 400 x 2500	2 x 6
05.HZE25510AXL	1060 / 1550 x 500 x 2500	2 x 6
05.HZE25413AXL	1360 / 1750 x 400 x 2500	2 x 6
05.HZE25513AXL	1360 / 1850 x 500 x 2500	2 x 6



## Corner shelving height 3000

Item no.	Dimensions in mm (WxDxH)	Shelves
05.HZE30410AXL	1060 / 1450 x 400 x 3000	2 x 7
05.HZE30510AXL	1060 / 1550 x 500 x 3000	2 x 7
05.HZE30413AXL	1360 / 1750 x 400 x 3000	2 x 7
05.HZE30513AXL	1360 / 1850 x 500 x 3000	2 x 7

# **Shelving systems**

## Wide-span shelving rack

Compact wide-span shelving system, which represents the step between between standard shelving and pallet shelving and is designed for the storage of particularly large and heavy goods. Due to its shelving dimensions, this wide-span shelving system offers large-area storage options. It can therefore be used in many different sectors.

## Advantages:

- 3 shelf levels with wooden inlay chip 19 mm P4
- Height 2000mm, optional 2500mm and 3000mm
- Compact shelving system, powder-coated in RAL 5010.
- Large-area storage options
- Bay widths up to 2,700 mm
- High shelf loads up to 975 kg
- Bay load up to 7,500 kg



## Wide-span shelving rack, width 1850 mm

3 shelf levels with wooden inlay

	Item no.	Dimensions in mm (W x D x H)		Item no.
	05.9010260	1850 x 600 x 2000		05.9010360
Base shelving	05.9010280	1850 x 800 x 2000	Add-on shelving	05.9010380
	05.90102100	1850 x 1000 x 2000		05.90103100

#### Wide-span shelving rack, width 2250 mm

3 shelf levels with wooden inlay

		Item no.	Dimensions in mm (W x D x H)		Item no.
	Base shelving	05.9010460	2250 x 600 x 2000	Add-on shelving	05.9010560
		05.9010480	2250 x 800 x 2000		05.9010580
		05.90104100	2250 x 1000 x 2000		05.90105100

#### Wide-span shelving rack, width 2700 mm

■ 3 shelf levels with wooden inlay

		Item no.	Dimensions in mm (W x D x H)	Add-on shelving	Item no.
		05.9010660	2700 x 600 x 2000		05.9010760
	Base shelving	05.9010680	2700 x 800 x 2000		05.9010780
		05.90106100	2700 x 1000 x 2000		05.90107100

## Additional shelf with wooden inlay

Item no.	Maße in mm (BxT)
05.90114K	1850 x 600
05.90116K	1850 x 800
05.90118K	1850 x 1000
05.90124K	2250 x 600
05.90126K	2250 x 800
05.90128K	2250 x 1000

05.90134K	2700 x 600
05.90136K	2700 x 800
05.90138K	2700 x 1000

Pallet shelving

New

Chairs and shelving

The ideal solution for professional storage of pallets, pallet cages and heavy loads. Thanks to an optimally coordinated range of shelving components such as support frames, support beams and many other accessories, pallet shelving can be individually adapted to different stored goods and spatial conditions.

- Frame similar to RAL 7001 silver grey, support beams similar to RAL 2004 pure orange
- All specified loads apply with uniformly distributed load
- The specified buckling lengths must not be exceeded
- Further versions on request...



- 2 levels (4x support beam)
- Shelf load 2000 kg
- Bay load 4000 kg

	Item no.	Dimensions in mm (W x D x H)	max. buckling length		Item no.	Dimensions in mm (W x D x H)
Base	05.721131100	2870 x 1100 x 2500	1000 mm	Add-on	05.721141100	2785 x 1100 x 2500
shelving	05.722131100	2870 x 1100 x 3000	1250 mm	shelving	05.722141100	2785 x 1100 x 3000

## Pallet shelving

- 3 levels (6x support beam)
- Shelf load 2000 kg
- Bay load 6000 kg

		Item no.	Dimensions in mm (W x D x H)	max. buckling length		Item no.	Dimensions in mm (W x D x H)
		05.733131100	2870 x 1100 x 3500	1000 mm		05.733141100	2785 x 1100 x 3500
		05.734131100	2870 x 1100 x 4000	1150 mm	Add-on	05.734141100	2785 x 1100 x 4000
	shelving	05.735131100	2870 x 1100 x 4500	1300 mm	shelving	05.7351241100	2785 x 1100 x 4500
		05.737131100	2870 x 1100 x 5500	1650 mm		05.737141100	2785 x 1100 x 5500

## Accessories

Description	Item no.	Dimensions in mm (W x D x H)	Load capacity in kg per pair
Wedge anchor (2 pieces neede for each frame)	05.13020E		
Underlay plate, 1 mm	05.12341E		
Support beam (single) incl. locking pins	05.15012K	2700 x 50 x 110	2000
Impact protection for corners (incl. 4 floor anchors)	05.B4-40102-K	H 400	
Wire mesh cover (3 pieces)	05.12096K	BxT 2700 x 1100, Mw 50 x 100	2000
Push-through protection	05.12316K	2700 x 50 x 50	



Impact protection for corners



Wire mesh cover



**Push-through protection** 



# **Shelving systems**

## **Cantilever shelving**

#### **Technical features:**

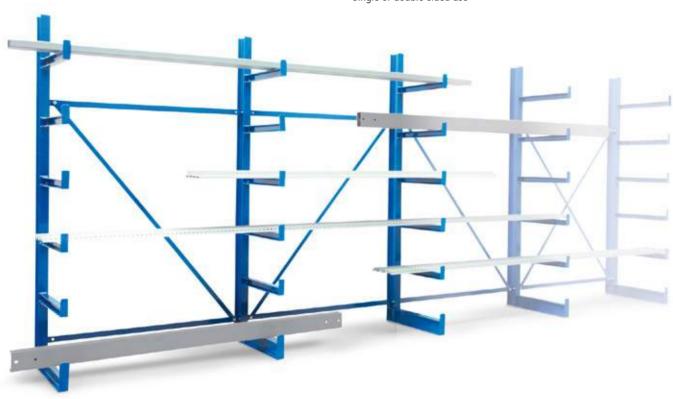
- Cantilever arms permanently welded
- Uprights and cantilever arms in IPE profiles
- Cantilever arms with permanently welded roll-off protection
- Storage levels including foot support
- Usable depth 500 mm
- Up to 200 kg load capacity per cantilever arm
- High-quality industrial coating RAL 5010

## Planning notes:

External dimensions:
 Width base shelving 1305 mm
 Width add-on shelving 1250 mm
 Nominal dimension depth + 100 mm

## Product advantages:

- Affordable system
- Standardised shelving components
- Quick and easy assembly
- Single or double-sided use



## Cantilever shelving

Item no.	Description	Dimensions in mm (WxDxH)
05.60101-50	Base unit with 12 welded arms on one side, length 500 mm, with 2 diagonal bars	1250 x 500 x 2000
05.60102-50	Extension unit with 12 welded arms on one side, length 500 mm, with 1 diagonal bar	1250 x 500 x 2000
05.60121-50	Base unit with 24 welded arms on both sides, length 500 mm, with 2 diagonal bars	1250 x 1000 x 2000
05.60122-50	Extension unit with 24 welded arms on both sides, length 500 mm, with 1 diagonal bar	1250 x 1000 x 2000

## **Cantilever shelving**

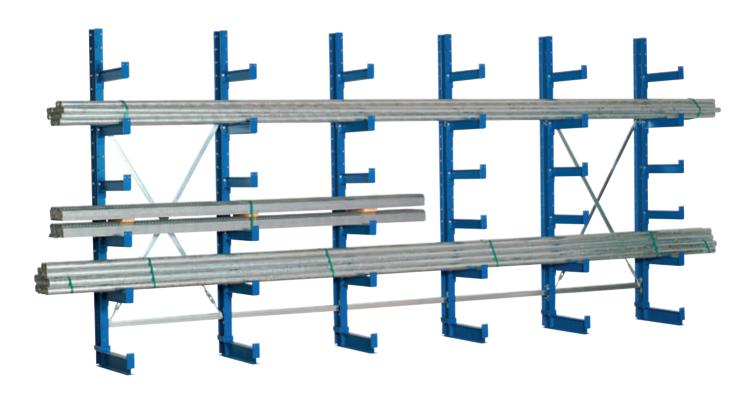
Chairs and shelving

#### **Technical features:**

- Cantilever arms freely adjustable on the 100 mm grid
- Uprights and cantilever arms in IPE profiles
- Cantilever arms with permanently welded roll-off protection
- Storage levels including foot support
- Usable depth 500 mm
- Up to 500 kg load capacity per cantilever arm
- High-quality industrial coating RAL 5010

## Planning notes:

External dimensions:
 Width base shelving 1060 mm
 Width add-on shelving 1060 mm
 Nominal dimension depth + 120 mm



## Cantilever shelving, base shelving

Item no.	Description	Dimensions in mm (WxDxH)
05.20101-50	One-sided with 10 adjustable arms 500 mm long, with 2 diagonal bars, bay load 2000 kg	1000 x 500 x 2000
05.20121-50	Double-sided, with 20 adjustable arms 500 mm long, with 2 diagonal bars, bay load 4000 kg	1000 x 1000 x 2000
05.20201-50	One-sided with 12 adjustable arms 500 mm long, with 2 diagonal bars, bay load 2000 kg	1000 x 500 x 2500
05.20221-50	Double-sided, with 24 adjustable arms 500 mm long, with 2 diagonal bars, bay load 4000 kg	1000 x 1000 x 2500

## Cantilever shelving, add-on shelving

Item no.	Description	Dimensions in mm (WxDxH)
05.20102-50	One-sided with 10 adjustable arms 500 mm long, with 1 diagonal bar, bay load 2000 kg	1000 x 500 x 2000
05.20122-50	Double-sided, with 20 adjustable arms 500 mm long, with 1 diagonal bar, bay load 4000 kg	1000 x 1000 x 2000
05.20202-50	One-sided with 12 adjustable arms 500 mm long, with 1 diagonal bar, bay load 2000 kg	1000 x 500 x 2500
05.20222-50	Double-sided, with 24 adjustable arms 500 mm long, with 1 diagonal bar, bay load 4000 kg	1000 x 1000 x 2500



## Cantilever arm, additional

Item no.	Description	Dimensions in mm (WxDxH)
05.402-K	Incl. screw fastening	500

# Regalsysteme

## Cantilever shelving for light loads

## New

#### **Technical features:**

- Versatile modular system for every type of stored goods
- High-quality powder coating for indoor use
- Durable hot dip galvanised finish for outdoor use
- Cantilever shelving with roof construction as a cold hall
- Shelving systems for light to heavy loads
- Single and double sided shelving systems
- Cantilever racking with short delivery times
- Cantilever racking with roof and wall
- Further versions on request
- Load capacity one-sided shelving 1500 kg per pillar
- Load capacity double-sided shelving 1500 kg per pillar



## Base shelving one-sided

For light loads, 2x pillar, 6x cantilever arm, 1x diagonal bar, 4x floor anchor, width 1180 mm

Height	1976		2432	
Usable depth in mm	500	700	500	700
Load capacity per level in kg	600	400	600	400
Load capacity in kg	3000	2000	3000	2000
Item no.	05.0A32-197	05.1A32-197	05.0A32-243	05.1A32-243

## Add-on shelving one-sided

For light loads, 1x pillar, 3x cantilever arm, 1x diagonal bar, 4x floor anchor, width 1000 mm

Height		1976		2432	
Usable depth in mm	500	700	500	700	
Load capacity per level in	kg 600	400	300	200	
Load capacity in kg	3000	2000	1500	1000	
Item no.	05.0A31-197	05.1A31-197	05.0A31-243	05.1A31-243	

## Base shelving double-sided

For light loads, 2x pillar, 12x cantilever arm, 1x diagonal bar, 4x floor anchor, width 1180 mm

Height	1976		2432	
Usable depth in mm	500	700	500	700
Load capacity per level in kg	600	400	600	400
Load capacity in kg	6000	4000	6000	4000
Item no.	05.0B32-197	05.1B32-197	05.0B32-243	05.1B32-243

#### Add-on shelving double-sided

For light loads, 1x pillar, 6x cantilever arm, 1x diagonal bar, 4x floor anchor, width 1000 mm

Height	1976		2432	
Usable depth in mm	500	700	500	700
Load capacity per level in kg	600	400	300	200
Load capacity in kg	3000	2000	1500	1000
Item no.	05.0B31-197	05.1B31-197	05.0B31-243	05.1B31-243

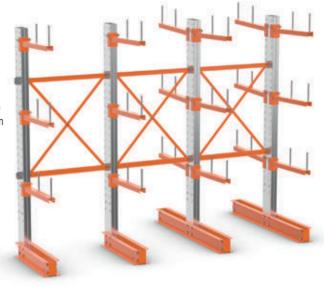
## **Cantilever arm**

Item no.	Length in mm	Load capacity in kg
05.L11A030-050	500	300
05.L11A030-070	700	200

## **End stopper**

Item no.	Length in mm
05.KTEM12-100	100
05.KTEM12-150	150

- Load capacity one-sided shelving 1600 kg per pillar depth 800 mm
- Load capacity one-sided shelving 1400kg per pillar depth 1000 mm
- Load capacity double-sided shelving 1600 kg per pillar depth 800 mm
- Load capacity double-sided shelving 1400kg per pillar depth 1000 mm



## Base shelving one-sided

For heavy loads, 2x pillar, 6x cantilever arm, 1x diagonal bar, 4x floor anchor, width 1160 mm

Height	2432		2964	
Usable depth in mm	800	1000	800	1000
Load capacity per level in kg	800	600	800	600
Load capacity in kg	3200	2800	3200	2800
Item no.	M05.0A32-243	M05.1A32-243	M05.0A32-296	M05.1A32-296

## Add-on shelving one-sided

For heavy loads, 1x pillar, 3x cantilever arm, 1x diagonal bar, 4x floor anchor, width 1000 mm

Height	2432		2964	
Usable depth in mm	800	1000	800	1000
Load capacity per level in kg	400	300	400	300
Load capacity in kg	1600	1400	3200	2800
Item no.	M05.0A31-243	M05.1A31-243	M05.0A31-296	M05.1A31-296

## Base shelving double-sided

For heavy loads, 2x pillar, 12x cantilever arm, 1x diagonal bar, 4x floor anchor, width 1180 mm

Height	2432		2964	
Usable depth in mm	800	1000	800	1000
Load capacity per level in kg	800	600	800	600
Load capacity in kg	6400	5600	6400	5600
Item no.	M05.0B32-243	M05.1B32-243	M05.0B32-296	M05.1B32-296

#### Add-on shelving double-sided

For heavy loads, 1x pillar, 6x cantilever arm, 1x diagonal bar, 4x floor anchor, width 1000 mm

Height	2432		2964	
Usable depth in mm	800	1000	800	1000
Load capacity per level in kg	400	300	400	300
Load capacity in kg	3200	2800	3200	2800
Item no.	M05.0B31-243	M05.1B31-243	M05.0B31-296	M05.1B31-296

## Cantilever arm

Item no.	Length in mm	Load capacity in kg
05.M11A040-080	800	400
05.M11A030-1000	1000	300

## **End stopper**

Item no.	Length in mm
05.KTEM12-100	100
05.KTEM12-150	150



# **Shelving systems**

## **Inclined shelving**

- Incline angle of the inclined shelves approx. 34°
- The levels are height-adjustable in steps of 25 mm (screwless)
- Push-fit assembly
- Extendable as desired
- Level load: 100 kg
- External dimensions:

Width base shelving: 1060/1360 mm Width add-on shelving: 1010/1310 mm Shelf depth 600 mm, shelf depth: 535 mm

Galvanised surface





## **Inclined shelving**

3 storage levels

	Item no.	Dimensions in mm (WxDxH)		Item no.
Base shelving	05.HZG20510S	1000 x 500 x 2000	Add-on shelving	05.HZA20510S
	05.HZG20513S	1300 x 500 x 2000		05.HZA20513S

## Inclined shelving additional level

Item no.	For width in mm
05.Z505100	1000
05.Z505130	1300

Flow racks Chairs and shelving

- Incline angle of the shelving levels approx. 3-4°
- Screwless height-adjustment in steps of 25 mm
- Level load: 200/400 kg
- Galvanised surface

External dimensions:
 Width base shelving 1360 mm
 Width add-on shelving 1310 mm
 Shelf depth 1275/2555 mm





## Flow rack

Item no.	Туре	Dimensions in mm (WxDxH)	Туре
05.DLR-AFKLV	Brake plate for small roller conveyor		
05.HZG201213KR	Flow rack, base shelfing	1300 x 1200 x 2000	4 levels, 4 channels per level 5 guide rails per level, bay load 1000 kg Normal rollers
05.HZA201213KR	Flow rack, add-on shelving	1300 x 1200 x 2000	4 levels, 4 channels per level 5 guide rails per level, bay load 1000 kg Normal rollers
05.KR13120GE	Additional level	1300 x 1200	4 channels, 5 guide rails
05.HZG202413KR	Flow rack, base shelfing	1300 x 2400 x 2000	4 levels, 4 channels per level, bay load 2000 kg Small flanged rollers, without guide rails
05.HZA202413KR	Flow rack, add-on shelving	1300 x 2400 x 2000	4 levels, 4 channels per level, bay load 2000 kg Small flanged rollers, without guide rails
05.KR13240GE	Additional level	1300 x 2400	4 channels



# **Shelving systems**

## Flow rack - movable

- Incline angle of the shelving levels approx. 3-4°
   Small roller strips and guide rails can be adjusted as required on a 6 mm grid
   Special cross-members with large rounding for protected removal of containers
- Push-fit assembly
- Swivel steering casters (wheel diameter 125 mm)
- Bay load: 700 kg Level load: 200 kg ■ Bay depth: 1275 mm
- Width base shelving: 1360 mm
- Total height 2000 mm
- Galvanised surface





Pos.	Item no.	Product	Dimensions in mm (WxDxH)	Туре
1	05.HZG171213KR	Flow rack unit, base shelving	1300 x 1200 x 1750	<ul> <li>1 12 normal roller strips N33, without guide rails (return)</li> <li>2 10 normal rollers N33 and 6 guide rails (feed)</li> <li>3 6 small flanged rollers, without guide rails (feed)</li> <li>4 6 normal roller strips and 4 guide rails (feed)</li> </ul>
2	05.HZGTW1240	Shelving transport trolley	1375 x 1280 x 200	2 support frames, unassembled 2 diagonal bars with lock 2 steering casters with locks; 2 fixed casters
3	05.HZGRÜ1240	Return level	1240 x 335 (WxD)	2 normal roller strips N33 1 guide rail 2 mounting brackets 1 connecting rail
4	05.DLR-AFKLV	Brake plate		For small roller conveyor
5	05.HZGRÜ1410	Auxiliary frame	1472 x 395 (WxD)	Auxiliary frame for returning containers to workraster work bench Incline 1410 x 395 (WxD)

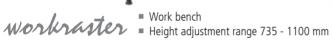
Supplied without decoration, hooks and bins

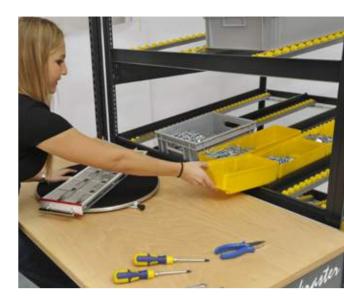
#### Flow rack in combination with work benches

Chairs and shelving

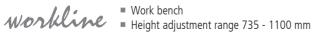
- 200 kg load capacity per level (with even load)
- Roller conveyors ensure that the goods roll automatically to the removal point - gravity principle
- Flexible and screwless level adjustment in steps of 25 mm
- Shelf is not screwed to the work bench











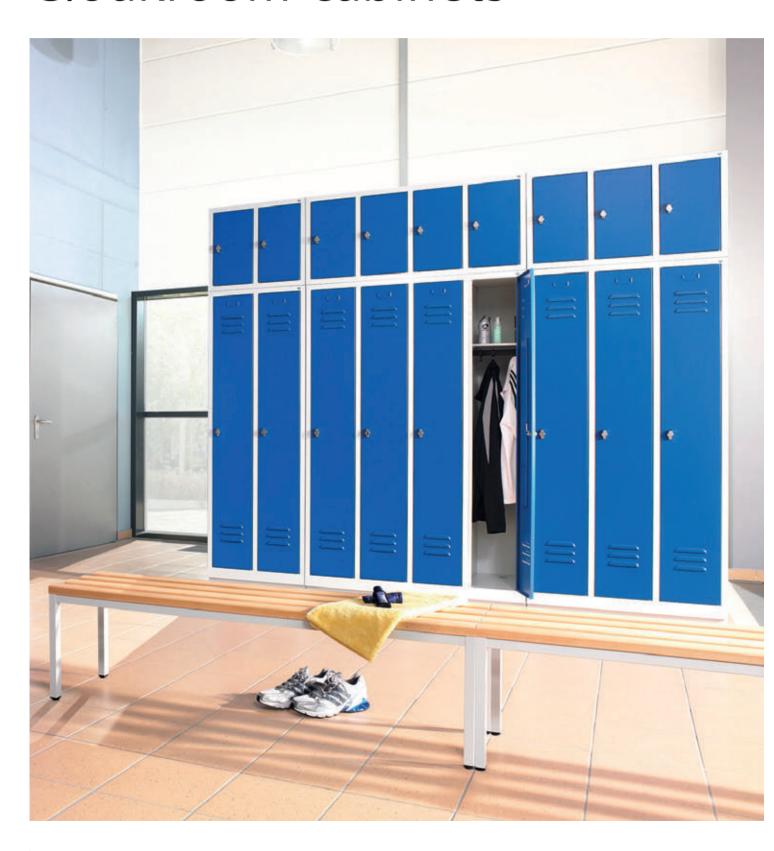


- C-foot work benchHeight adjustment range 695 1030 mm

Prices on request



# Cloakroom cabinets



#### Cloakroom cabinets



Benches Page 580



Steel wardrobe lockers Page 581



Compartment lockers Page 585



Compartment lockers with glazed doors Page 587



Multi-purpose cabinets Page 588



Fire brigade cabinets Page 589



# **Benches**



#### Stackable benches

- Stable construction
- Feet made of round tube Ø 25 mm, paint RAL 7021 black grey, powder-coated
- Abrasion-resistant plastic sliding base in black
- Seat depth 300 mm, seat height 460 mm
- Seat surface made of clear varnished solid beech wood slats 80 x 20 mm
- Delivered ready-assembled

#### Stand-alone bench

- Stable square tube construction 30 x 30 mm, paint RAL 7021 black grey
- Seating surface made of rounded, painted hardwood slats 60 x 30 mm
- Shoe trays with 5 cross struts made of square tube
- Sliding base with 10 mm levelling
- Delivered ready-assembled



#### Stackable benches

Item no.	Dimensions in mm (WxDxH)	Description
06.85.50	1200 x 460 x 460	4x foot
06.85.51	1600 x 460 x 460	4x foot
06.85.52	2000 x 460 x 460	6x foot



Item no.	Dimensions in mm (WxDxH)	Description
06.50.000	1000 x 353 x 420	4x foot, without shoe grate
06.50.010	1000 x 353 x 420	4x foot, with shoe grate
06.51.000	1500 x 353 x 420	4x foot, without shoe grate
06.51.010	1500 x 353 x 420	4x foot, with shoe grate
06.52.000	1960 x 353 x 420	6x foot, without shoe grate
06.52.010	1960 x 353 x 420	6x foot, with shoe grate

Cloakroom cabinets

- Stable steel construction
- Doors with vertical reinforcement, hinged on the right and on pintles
- With 3 ventilation slots at the top and bottom and punched label holders
- Insertable hat shelf
- Clothes rail with 3 sliding hooks
- Rotary bolt for padlock
- Easy interior cleaning thanks to flat, sweepable compartment shelves
- Compartment width 300 mm



Increased corrosion protection for the cabinet thanks to plastic cabinet feet



Cylinder lock





06.055.F030

#### Wardrobe lockers with 100 mm feet

Item no.	Dimensions in mm (WxDxH)	Number of compartments
06.010.F020	610 x 500 x 1950	2
06.010.F030	900 x 500 x 1950	3
06.010.F040	1190 x 500 x 1950	4

Housing Fronts
RAL 7035 RAL 5

RAL 5023 RAL 7035

#### Wardrobe lockers without feet

Item no.	Dimensions in mm (WxDxH)	Number of compartments
06.055.F020	610 x 500 x 1850	2
06.055.F030	900 x 500 x 1850	3
06.055.F040	1190 x 500 x 1850	4



# Steel wardrobe lockers

#### Wardrobe lockers with feet

- Long-lasting steel construction, front panels also made of steel
- Optimal ventilation in the cabinet thanks to the ventilation concept
- Doors hinged on the right, on pintles with vertical reinforcement, ventilation slots and punched label holders
- Door stop damper
- Insertable hat shelf and wardrobe rail made of oval profile with
   3 twist-proof sliding hooks for each compartment
- Rotary bolt for padlock as practical basic equipment
- Feet with body colour RAL 7035 in light grey, with all other body colours in black



Oval special wardrobe rail with twistproof double sliding hooks. Enormous load capacity and high operating comfort



Increased corrosion protection for the cabinet thanks to plastic cabinet feet



Ventilation concept

The air outlet at the back of the cabinet base ensures good ventilation and drying in the compartment. In the case of base-mounted cabinets, ventilation is provided via openings above the recessed base.





#### Wardrobe lockers with 150 mm feet

Item no.	Dimensions in mm (WxDxH)	Compartment width in mm	Compartments	Description
06.01.230	610 x 500 x 1850	300	2	Rotary bolt for padlock
06.01.231	610 x 500 x 1850	300	2	Cylinder lock
06.01.240	810 x 500 x 1850	400	2	Rotary bolt for padlock
06.01.241	810 x 500 x 1850	400	2	Cylinder lock
06.01.330	900 x 500 x 1850	300	3	Rotary bolt for padlock
06.01.331	900 x 500 x 1850	300	3	Cylinder lock
06.01.340	1200 x 500 x 1850	400	3	Rotary bolt for padlock
06.01.341	1200 x 500 x 1850	400	3	Cylinder lock
06.01.430	1190 x 500 x 1850	300	4	Rotary bolt for padlock
06.01.431	1190 x 500 x 1850	300	4	Cylinder lock

#### Wardrobe lockers with base

**Cloakroom cabinets** 

- Long-lasting steel construction, front panels also made of steel
- Optimal ventilation in the cabinet thanks to the ventilation concept
- Doors hinged on the right, on pintles with vertical box reinforcement, ventilation slots and punched label holders
- Door stop damper
- Insertable hat shelf and wardrobe rail made of oval profile with 3 twist-proof sliding hooks for each compartment
- Rotary bolt for padlock as practical basic equipment



Oval special wardrobe rail with twist-proof double sliding hooks. Enormous load capacity and high operating comfort



Rotary bolt



Cylinder lock



#### Ventilation concept

The air outlet at the back of the cabinet base ensures good ventilation and drying in the compartment. In the case of base-mounted cabinets, ventilation is provided via openings above the recessed base.





#### Wardrobe lockers with 100 mm base

Item no.	Dimensions in mm (WxDxH)	Compartment width in mm	Compartments	Description
06.02.230	610 x 500 x 1800	300	2	Rotary bolt for padlock
06.02.231	610 x 500 x 1800	300	2	Cylinder lock
06.02.240	810 x 500 x 1800	400	2	Rotary bolt for padlock
06.02.241	810 x 500 x 1800	400	2	Cylinder lock
06.02.330	900 x 500 x 1800	300	3	Rotary bolt for padlock
06.02.331	900 x 500 x 1800	300	3	Cylinder lock
06.02.340	1200 x 500 x 1800	400	3	Rotary bolt for padlock
06.02.341	1200 x 500 x 1800	400	3	Cylinder lock
06.02.430	1190 x 500 x 1800	300	4	Rotary bolt for padlock
06.02.431	1190 x 500 x 1800	300	4	Cylinder lock

Housing

RAL 7021 RAL 7035

Fronts

RAL 5021 RAL 6011 RAL 7021 RAL 7035 RDS 0959059

# Steel wardrobe lockers

#### Wardrobe lockers with bench

- Long-lasting steel construction, front panels also made of steel
- Optimal ventilation in the cabinet thanks to the ventilation concept
- Doors hinged on the right, on pintles with vertical reinforcement, ventilation slots and punched label holders
- Door stop damper
- Insertable hat shelf and wardrobe rail made of oval profile with 3 twist-proof sliding hooks for each compartment
- Rotary bolt for padlock as practical basic equipment
- Seat slats made of beech as standard, profile 60 x 30 mm, planed on all sides, rounded top, clear varnished with natural colour differences
- Seat height 420 mm, seat depth 315 mm, Cabinet depth incl. bench 815 mm
- Standard colour of the bench base frame: RAL 7021, Black grey



Oval special wardrobe rail with twist-proof double sliding hooks. Enormous load capacity and high operating comfort



Rotary bolt



Cylinder lock



# Ventilation concept

#### The air outlet at the back of the cabinet base ensures good ventilation and drying in the compartment. In the case of base-mounted cabinets, ventilation is provided via openings above the recessed base.



#### Wardrobe lockers with attached bench

Item no.	Dimensions in mm (WxDxH)	Compartment width in mm	Compartments	Description
06.03.230	610 x 815 x 2090	300	2	Rotary bolt for padlock
06.03.231	610 x 815 x 2090	300	2	Cylinder lock
06.03.240	810 x 815 x 2090	400	2	Rotary bolt for padlock
06.03.241	810 x 815 x 2090	400	2	Cylinder lock
06.03.330	900 x 815 x 2090	300	3	Rotary bolt for padlock
06.03.331	900 x 815 x 2090	300	3	Cylinder lock
06.03.340	1200 x 815 x 2090	400	3	Rotary bolt for padlock
06.03.341	1200 x 815 x 2090	400	3	Cylinder lock
06.03.430	1190 x 815 x 2090	300	4	Rotary bolt for padlock
06.03.431	1190 x 815 x 2090	300	4	Cylinder lock

#### Cloakroom cabinets

- Solid, welded sheet steel construction
- Double-decker
- 2 compartments on top of each other, per compartment 1 door, clothes rail and 3 sliding hooks
- Smooth doors with Rotary bolt lock for padlock
- Compartment size (WxDxH) 230/330 x 465 x 786 mm
- The 400 mm compartment width is also suitable for motorcycle helmets.
- Punched perforated venting rosettes



#### Wardrobe locker with 150 mm feet

Item no.	Dimensions in mm (WxDxH)	Compartment width in mm	Compartments
06.05.2230	610 x 500 x 1850	300	2 x 2
06.05.2240	810 x 500 x 1850	400	2 x 2
06.05.2330	900 x 500 x 1850	300	3 x 2
06.05.2340	1200 x 500 x 1850	400	3 x 2
06.05.2430	1190 x 500 x 1850	300	4 x 2
06.05.2440	1590 x 500 x 1850	400	4 x 2



#### Wardrobe locker with 100 mm base

Item no.	Dimensions in mm (WxDxH)	Compartment width in mm	Compartments
06.05.2231	610 x 500 x 1800	300	2 x 2
06.05.2241	810 x 500 x 1800	400	2 x 2
06.05.2331	900 x 500 x 1800	300	3 x 2
06.05.2341	1200 x 500 x 1800	400	3 x 2
06.05.2431	1190 x 500 x 1800	300	4 x 2
06.05.2441	1590 x 500 x 1800	400	4 x 2

#### **Compartment lockers**

- 3 doors on top of each other
- Solid, welded sheet steel construction
- Rebated, smooth doors with internal pintles
- Single-walled
- Cylinder lock with 2 keys each
- Compartment size (WxDxH) 230/330 x 465 x 510 mm
- The 400 mm compartment width is also suitable for motorcycle helmets



#### Compartment locker with 150 mm feet

Item no.	Dimensions in mm (WxDxH)	Compartment width in mm	Compartments
06.05.3230	610 x 500 x 1850	300	2 x 3
06.05.3240	810 x 500 x 1850	400	2 x 3
06.05.3330	900 x 500 x 1850	300	3 x 3
06.05.3340	1200 x 500 x 1850	400	3 x 3
06.05.3430	1190 x 500 x 1850	300	4 x 3



#### Compartment locker with 100 mm base

Item no.	Dimensions in mm (WxDxH)	Compartment width in mm	Compartments
06.05.3231	610 x 500 x 1800	300	2 x 3
06.05.3241	810 x 500 x 1800	400	2 x 3
06.05.3331	900 x 500 x 1800	300	3 x 3
06.05.3341	1200 x 500 x 1800	400	3 x 3
06.05.3431	1190 x 500 x 1800	300	4 x 3



Housing

RAL 5012 RAL 7021 RAL 7035

Fronts

RAL 3000 RAL 3003

RAL 5010

RAL 502

RAL 601

RAL 7021

RAL 7035

# **Compartment lockers**

#### **Compartment lockers**

#### Compartment lockers with 4 doors on top of each other

- Solid, welded sheet steel construction
- Rebated, smooth doors with internal pintles
- Single-walled
- Cylinder lock with 2 keys each
- Compartment size (WxDxH) 230/330 x 465 x 375 mm
- The 400 mm compartment width is also suitable for motorcycle helmets.

#### Compartment lockers with 5 doors on top of each other

- Solid, welded sheet steel construction
- Rebated, smooth doors with internal pintles
- Single-walled
- Cylinder lock with 2 keys each
- Compartment size (WxDxH) 230/330 x 465 x 295 mm
- The 400 mm compartment width is also suitable for motorcycle helmets.







#### Compartment locker with 150 mm feet

Item no.	Dimensions in mm (WxDxH)	Compartment width in mm	Compartments
06.05.4230	610 x 500 x 1850	300	2 x 4
06.05.4240	810 x 500 x 1850	400	2 x 4
06.05.4330	900 x 500 x 1850	300	3 x 4
06.05.4340	1200 x 500 x 1850	400	3 x 4
06.05.4430	1190 x 500 x 1850	300	4 x 4



#### Compartment locker with 100 mm base

Item no.	Dimensions in mm (WxDxH)	Compartment width in mm	Compartments
06.05.4231	610 x 500 x 1800	300	2 x 4
06.05.4241	810 x 500 x 1800	400	2 x 4
06.05.4331	900 x 500 x 1800	300	3 x 4
06.05.4341	1200 x 500 x 1800	400	3 x 4
06.05.4431	1190 x 500 x 1800	300	4 x 4



Item no.	Dimensions in mm (WxDxH)	Compartment width in mm	Compartments
06.05.5230	610 x 500 x 1850	300	2 x 5
06.05.5240	810 x 500 x 1850	400	2 x 5
06.05.5330	900 x 500 x 1850	300	3 x 5
06.05.5340	1200 x 500 x 1850	400	3 x 5
06.05.5430	1190 x 500 x 1850	300	4 x 5



#### Compartment locker with 100 mm base

Item no.	Dimensions in mm (WxDxH)	Compartment width in mm	Compartments
06.05.5231	610 x 500 x 1800	300	2 x 5
06.05.5241	810 x 500 x 1800	400	2 x 5
06.05.5331	900 x 500 x 1800	300	3 x 5
06.05.5341	1200 x 500 x 1800	400	3 x 5
06.05.5431	1190 x 500 x 1800	300	4 x 5

#### Compartment lockers with steel doors and acrylic glass windows

**Cloakroom cabinets** 

- Long-lasting steel construction with 3, 4 or 5 compartments on top of each other
- Optionally with plastic feet (for improved corrosion protection) or with base
- One cylinder lock with 2 keys per compartment, other types of lock on request
- The shelves of the compartments are generally in the body colour
   Doors with acrylic glass inserts for a perfect overview, acrylic glass 3 mm thick, internally firmly adhered



#### Compartment locker with 100 mm base

Compartment width 300 mm

Item no.	Dimensions in mm (WxDxH)	Compartments
06.80.331	320 x 500 x 1800	1 x 3
06.80.332	610 x 500 x 1800	2 x 3
06.80.333	900 x 500 x 1800	3 x 3
06.80.334	1190 x 500 x 1800	4 x 3
06.80.431	320 x 500 x 1800	1 x 4
06.80.432	610 x 500 x 1800	2 x 4
06.80.433	900 x 500 x 1800	3 x 4
06.80.434	1190 x 500 x 1800	4 x 4
06.80.531	320 x 500 x 1800	1 x 5
06.80.532	610 x 500 x 1800	2 x 5
06.80.533	900 x 500 x 1800	3 x 5
06.80.534	1190 x 500 x 1800	4 x 5

Compartment width 400 mm (also suitable for motorcycle helmets)

Item no.	Dimensions in mm (WxDxH)	Compartments
06.80.341	420 x 500 x 1800	1 x 3
06.80.342	810 x 500 x 1800	2 x 3
06.80.343	1200 x 500 x 1800	3 x 3
06.80.441	420 x 500 x 1800	1 x 4
06.80.442	810 x 500 x 1800	2 x 4
06.80.443	1200 x 500 x 1800	3 x 4
06.80.541	420 x 500 x 1800	1 x 5
06.80.542	810 x 500 x 1800	2 x 5
06.80.543	1200 x 500 x 1800	3 x 5
Housing		Fronts

Clear entrances dimensions per compartment

Compartment width	Dimensions in mm (WxDxH)	Compartments on top of each other
300	230 x 465 x 510	3
300	230 x 465 x 375	4
300	230 x 465 x 295	5
400	330 x 465 x 375	4
400	330 x 465 x 295	5



#### Compartment locker with 150 mm feet

■ Compartment width 300 mm

Item no.	Dimensions in mm (WxDxH)	Compartments
06.85.331	320 x 500 x 1850	1 x 3
06.85.332	610 x 500 x 1850	2 x 3
06.85.333	900 x 500 x 1850	3 x 3
06.85.334	1190 x 500 x 1850	4 x 3
06.85.431	320 x 500 x 1850	1 x 4
06.85.432	610 x 500 x 1850	2 x 4
06.85.433	900 x 500 x 1850	3 x 4
06.85.434	1190 x 500 x 1850	4 x 4
06.85.531	320 x 500 x 1850	1 x 5
06.85.532	610 x 500 x 1850	2 x 5
06.85.533	900 x 500 x 1850	3 x 5
06.85.534	1190 x 500 x 1850	4 x 5

Compartment width 400 mm (also suitable for motorcycle helmets)

Item no.	Dimensions in mm (WxDxH)	Compartments
06.85.341	420 x 500 x 1850	1 x 3
06.85.342	810 x 500 x 1850	2 x 3
06.85.343	1200 x 500 x 1850	3 x 3
06.85.441	420 x 500 x 1850	1 x 4
06.85.442	810 x 500 x 1850	2 x 4
06.85.443	1200 x 500 x 1850	3 x 4
06.85.541	420 x 500 x 1850	1 x 5
06.85.542	810 x 500 x 1850	2 x 5
06.85.543	1200 x 500 x 1850	3 x 5



RAL 7021 RAL 7035

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# **Multi-purpose cabinets**

#### Clothing and wardrobe lockers

#### Clothing and wardrobe locker

- Left: 4x shelf
- Right: Hat shelf with clothes rail and 3x sliding hook
- Hinged double doors with a common rotary bolt for a padlock
- Shelves not height-adjustable

#### Cleaning/equipment cabinet

- To the left of the shortened divider: 4x compartment
- Right: Rail with 6x sliding hook
- Hinged double doors with a common rotary bolt for a padlock
- Shelves not height-adjustable



#### Clothing and wardrobe locker with 150 mm feet

Item no.	Dimensions in mm (WxDxH)	Description
06.04.230	610 x 500 x 1850	Compartment width 300 mm
06.04.240	810 x 500 x 1850	Compartment width 400 mm



#### Clothing and wardrobe locker with 100 mm base

Item no.	Dimensions in mm (WxDxH)	Description
06.04.231	610 x 500 x 1800	Compartment width 300 mm
06.04.241	810 x 500 x 1800	Compartment width 400 mm

Fronts

#### Cleaning/equipment cabinet with 150 mm feet

Item no.	Dimensions in mm (WxDxH)	Description
06.04.330	610 x 500 x 1850	Compartment width 300 mm
06.04.340	810 x 500 x 1850	Compartment width 400 mm



#### Cleaning/equipment cabinet with 100 mm base

Item no.	Dimensions in mm (WxDxH)	Description
06.04.331	610 x 500 x 1800	Compartment width 300 mm
06.04.341	810 x 500 x 1800	Compartment width 400 mm

Housing

RAL 5012 RAL 7021 RAL 7035 RAL 3000 RAL 3003 RAL 5010 RAL 5012 RAL 5021 RAL 6011 RAL 7021 RAL 7035 RDS 0959059

These fire brigade lockers ensure that your personal protective equipment and also private clothing are always well and safely stored and quick drying is guaranteed. Thanks to the combinability of all models, they can be flexibly adapted to your fire station. And also in terms of colour: in addition to the classic fire red, there is a wide range of other colours to choose from.

#### Contact us!

# Product features and accessories thought out down to the last detail, e.g.



Black-white separation Legally compliant Black-white separation to avoidance of carry-over of contamination after use.



Foldable helmet holde
Helmet holder with effective
ventilation function, fits all
EU helmet manufacturers
and sizes without adjustment, suitable for body
sound microphones.



**Ventilation / Drying**Well thought-out ventilation supports the quick drying of the garment.











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#### **Terms and Conditions**

# GENERAL CONDITIONS OF PAYMENT AND DELIVERY OF BEDRUNKA & HIRTH GMBH BRÄUNLINGEN

#### 1. Scope of validity¬

- 1.1 The following terms and conditions are applicable to all our offers, sales, deliveries and services and shall form part of the contract unless a separate contractual agreement is concluded in writing. They shall not apply if our contract partner is a private individual and does not act in a professional or commercial capacity. They shall also apply to all future business relationships, even if they are not expressly agreed as being applicable to future orders.
- 1.2 We hereby expressly reject any and all deviating or supplemental General Terms and Conditions of the Buyer. These shall also not apply if the Buyer has based his order or other declaration upon them or has rejected the applicability of our General Terms and Conditions.

#### 2 Offers and conclusion of contract

- 2.1 Our offers are non-binding and may therefore be revoked by us prior to delivery for acceptance by the customer and for 2 working days thereafter, unless they have been described as binding in writing. An effective contract therefore comes into existence only through our order confirmation or the despatch of the goods.
- 2.2 Dimensions, weights, illustrations, drawings and other documents belonging to our non-binding offers shall remain our property and are indicative only. They shall become a binding part of the contract only with our express written confirmation.

#### 3. Doubtful creditworthiness

- 3.1 If, after concluding the contract, we become aware of circumstances that cause us to have doubts about the Buyer's ability to pay, we may make further deliveries contingent upon the Buyer making advance payment for the goods. We can require the Buyer to make advance payment within an appropriate period and withdraw from the contract if the advance payment is not paid on time; the Buyer can furnish us with collateral in the form of a bank guarantee instead of the advance payment. If we have already delivered the goods, the purchase price shall immediately become due for payment in full, regardless of any agreed payment deadlines.
- 3.2 Reasons for doubting the Buyer's ability to pay include the initiation of insolvency proceedings over the Buyer's assets or the failure to make payments to us or third parties on time

#### 4. Prices

- 4.1 All prices are net, ex works, without packaging, unless agreed otherwise. The prices applicable on the day of delivery shall always apply. In the case of fixed-price arrangements, we are also entitled to bill proportionately for any increase in the price of materials, salary increases and the like. The prevailing rate of statutory VAT shall be added to all prices.
- $4.2\ \mbox{Unless}$  agreed otherwise in the offer or order confirmation, packaging shall be charged for separately.
- 4.3 Shipping / transfer of risk

All risks shall transfer to the Buyer upon handover to the haulier and not later than when the goods leave the factory or warehouse. We are at liberty to choose the shipping method.

- 4.4 Goods reported as available for despatch on the agreed date must be collected without delay, failing which, we are entitled to store the goods at our own discretion at the Buyer's expense and risk and to charge for them as delivered ex works or ex warehouse. The same shall apply if shipping cannot take place due to traffic stoppages or other circumstances beyond our control.
- 4.5 Statutory value added tax is not included in our prices and the rate applicable on the billing date shall be indicated separately on the invoice.
- 4.6 If a delivery within the internal market of the EC was treated as tax-free within the scope of the intra-community supply of goods, even though the prerequisites for this were not met, the delivery shall nevertheless be deemed tax-free if the utilisation of the tax exemption is based on the incorrect information provided by the Buyer and we were unable to identify the incorrect nature of this information, even with the due care of a prudent merchant. In this case, the Buyer shall owe the unpaid tax.

4.7 If more than 4 months pass between the date on which the contract is concluded and the date of delivery, without this being due to a delay in delivery for which Bedrunka+Hirth is responsible, and if our applicable price list has changed during this time, we may demand the list price applicable on the date of delivery instead of the agreed purchase price. We will send the Buyer an appropriately amended order confirmation prior to delivery. In this case, the Buyer may withdraw from its order in respect of the goods for which the price has been increased. The Buyer must declare its intention to withdraw by not later than on the fifth day after receiving the amended order confirmation. This declaration may be sent by fax or email.

#### 5. Delivery time

- 5.1 All indicated delivery dates are non-binding and are agreed as indicative only, unless we have expressly described them as binding. For non-binding delivery dates, a delivery within 14 days of the indicated delivery date shall in any event still be deemed to be a timely delivery.
- 5.2 If we are unable to adhere to an expressly agreed deadline or fall behind for other reasons for which we are responsible, the Buyer shall grant us an appropriate grace period. If this grace period expires without success, the Buyer shall be entitled to withdraw from the contract.
- 5.3 If performance becomes temporarily impossible or considerably more difficult for us, whether in full or in part, due to force majeure or for other extraordinary circumstances beyond our control, the agreed delivery time shall be extended by the duration of the obstacle to performance. The same applies to a deadline for the rendering of service set by the law or by the Buyer, in particular for grace periods set in the event of default.
- 5.4 Prior to the expiry of the delivery time or the performance deadline extended in accordance with para. 3, the Buyer shall not be entitled to withdraw nor to receive compensation. If the obstacle to performance lasts longer than 3 months, both the Buyer and we shall be entitled to withdraw from the contract if the contract has not yet been executed. If the Buyer is entitled to withdraw from the contract in accordance with the contract or the law (e.g. due to a lack of interest) without setting a grace period, this right shall remain unaffected.
- 5.5 In the event of a delay in delivery that is not based on intent or gross negligence, claims for compensation of all kinds shall be precluded.

#### 6. Shipping and transport risk

- 6.1 Delivery shall be ex warehouse, which is also the place of performance for the delivery and any supplementary performance. Upon demand from the cus-tomer and at the customer's cost, the goods shall be sent to a different destination (sales shipment). Unless agreed otherwise, we reserve the right to determine the type of shipment (in particular the transport company, dispatch route, pack-aging).
- 6.2 The risk of accidental destruction and accidental deterioration of the goods shall transfer to the customer upon transfer of the goods at the latest. For mailorder purchases, however, risk of inadvertent destruction and inadvertent deterioration of the goods and the risk of delay shall transfer to the customer upon delivery of the goods to the haulier, freight carrier or other persons or organisations charged with transporting the goods. Insofar as acceptance is agreed, this shall be decisive for the transfer of risk. Moreover, the statutory provisions of the work and services contract law shall apply correspondingly to the agreed acceptance. Transfer or acceptance also applies if the customer is late accepting the goods.
- 6.3 If the customer is late accepting the goods, if they omit a duty of cooperation or if our delivery is delayed for other reasons attributable to the customer, we reserve the right to demand compensation for resulting damages, including additional costs (e.g. storage costs).
- 6.4 Unless otherwise expressly agreed in writing, we are authorised to make partial deliveries to a reasonable extent.
- 6.5 We will charge EUR 7.50 for each notification of delivery requested by the customer that is made by telephone, fax or email



#### 7. Terms of payment

- 7.1 Our invoices are payable within 10 days from the invoice date with a 2% discount or within 30 days in full.
- 7.2 The Buyer shall be in default, without any warning by ourselves, if it does not pay the purchase price within 30 days of becoming due and receipt of the invoice or an equivalent demand for payment.
- 7.3 If the Buyer is late making a payment, all of its payment obligations arising from the business relationship with us shall immediately become due. In this case, we are entitled to demand interest in the legally established amount with effect from the relevant moment. The Vendor reserves the right to provide proof of further damage.
- 7.4 The Buyer is entitled to set-off, even if complaints or counterclaims are asserted, only if the counterclaims have been legally established, acknowledged by the Vendor or are not in dispute. The Buyer is authorised to exercise its right of retention if its counterclaim is based on the same purchase agreement.

#### 8. Liability

- 8.1 Information about the properties of goods, as well as references to technical standards in catalogues or other advertising media and our price lists, are for descriptive purposes only and do not form the basis for any guarantee of quality without explicit reference in the order confirmation or in the contract.
- 8.2 We are not obliged to provide any warranty if the Buyer has not immediately complained about an apparent fault in writing. In the case of hidden faults, which could not be discovered even with careful execution of the obligations of the customer pursuant to Art. 377 German Commercial Code, the complaint shall be raised immediately after the fault has been found. If the product has a fault for which we are responsible and the Buyer complains about it promptly in writing, we will undertake to rectify the fault to the exclusion of the right of the Buyer to withdraw from the contract or to reduce the purchase price unless we are entitled to refuse rectification on the basis of a statutory regulation. For each individual fault, the Buyer shall grant us an appropriate period of time in which to effect rectification.
- 8.3 Rectification can take the form of the elimination of the fault or the delivery of a new product, at the Buyer's option. We are entitled to reject the method of rectification chosen by the Buyer if it is associated with disproportionately high costs. During rectification, a reduction in the purchase price or withdrawal from the contract by the Buyer are precluded. Rectification is deemed to have failed after the second unsuccessful attempt. If rectification has failed or the Vendor has rejected the rectification overall, the Buyer can demand a lowering of the purchase price (reduction) or declare its withdrawal from the contract, at its option.
- 8.4 The Buyer can only bring claims to compensation under the following conditions because of the fault if the rectification failed or we refused to carry out rectification. The right of the Buyer to bring further claims for compensation under the following conditions remains unaffected.
- 8.5 In accordance with statutory provisions, we are liable without restriction for intentional or grossly negligent breaches of duty as well as for damage caused by an injury to life, limb or health. Moreover, we shall only be liable if the breached contractual obligation is of material importance for achieving the purpose of the contract and only up to the amount of the typically foreseeable loss.
- 8.6 The limitation of liability in accordance with para. 5 applies accordingly to other than contractual claims for compensation, in particular claims arising from tortious liability, with the exception of claims in accordance with the German Product Liability Act. It further also applies to the benefit of our executives, employees, workers, representatives and vicarious agents.
- 8.7 If we have issued a guarantee or quality and/or shelf life in respect of the goods or parts thereof, we shall also be liable within the scope of this guarantee. However, we shall only be liable for damage that is based on the absence of the guaranteed quality or shelf life but does not occur directly on the goods, if the risk of such damage is apparent from the guarantee of quality and shelf life.
- 8.8 Any further liability is precluded without consideration of the legal nature of the claim brought. Insofar as the Vendor's liability is precluded or limited, this also applies to the personal liability of his executives, employees, workers, representatives and vicarious agents.

8.9 All claims for defects expire 24 months after the transfer or risk, unless any longer periods are mandatorily prescribed pursuant to Articles 438 I (2), 479 I and 634a I (2) German Federal Civil Code.

#### 9. Retention of title

- 9.1 We shall retain possession of the goods (goods subject to retention of title) until all payments due under the purchase agreement have been received. The delivered goods shall pass into the possession of the Buyer only when the Buyer has fulfilled all of its liabilities under the business relationship, including subsidiary claims, claims for compensation and redemptions of cheques and bills of exchange. In the case of the cheque/bills of exchange procedure, the retention of title in all of its forms listed here shall expire not with the payment by cheque but only with the redemption of the bill of exchange.
- 9.2 The Buyer shall notify us in writing without delay of all third-party interventions, in particular of enforcement measures and other impairments of its property. The Buyer shall make good all damage and costs we incur, which arise through a breach of this obligation and through necessary measures to protect against third-party interventions.
- 9.3 If the Buyer does not comply with its obligation to make payment, despite our reminder, we can, without prior notice, demand that the Buyer release the goods that are still in its possession and subject to the retention of title. The Buyer shall bear the transport costs associated with this. The attachment of the matter subject to the retention of title by us always includes a withdrawal from the contract. We are entitled to dispose of the goods subject to the retention of title following their retention. The proceeds of disposal shall be offset against our outstanding claims.

#### 10. Place of fulfilment

The place of fulfilment for payments is Bräunlingen, for our deliveries of goods the place of shipping.

#### 11. Data processing

The Buyer agrees that we may process the data about the Buyer received in connection with the business relationship in accordance with the Federal Data Protection Act for the fulfilment of our business purposes, in particular to store them or transmit them to a credit reference agency, where this is done within the scope of the identified purpose of the contract or required for the preservation of our legitimate interests, and there is no reason to assume that the legitimate interests of the Buyer outweigh the preclusion of the processing of these data, in particular their transmission.

#### 12. Severability clause

Amendments or additions to the contract or these General Terms and Conditions must be made in writing in order to obtain effectiveness. Should a provision of these General Conditions of Delivery and Payment be or become ineffective or unenforceable, this shall not affect the effectiveness of the remaining General Conditions of Delivery and Payment.

#### 13. Jurisdiction and applicable law

- 13.1 The contractual relationship between the Buyer and ourselves is governed exclusively by the law of the Federal Republic of Germany, even if the Buyer has its place of residence or business abroad. Application of the Uniform Law on the International Purchase of Goods and the Uniform Law on the Formation of Contracts for the International Sale of Goods is precluded.
- 13.2 The Buyer is not authorised to cede claims arising from the purchase agreement without the permission of the Vendor.
- 13.3 If the Buyer is a merchant legal entity under public law or a special fund under public law, the place of jurisdiction for both parties including for complaints regarding cheques and bills of exchange is Donaueschingen, Germany. We are, however, also entitled to sue the Buyer at its general place of jurisdiction.

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0.2.8707.200         154         03.055.06V9         190         03.075.08V         193           0.2.8707.400         154         03.055.07V         191         03.075.08V9         193           0.2.8707.500         134,155,160,172         03.055.07V9         191         03.075.09V         193           0.2.8708.100         156         03.055.08V         191         03.075.10V         193           0.2.8710.500         135,155,173         03.055.08V         191         03.075.10V         193           0.2.88.00         174         03.055.09V         191         03.075.10V         193           0.2.89.01         163         03.055.10V         191         03.075.11V         193           0.2.89.WATO1         157,166,161         03.055.10V         191         03.075.12V         193           0.2.89.WAR900         164,165,167         03.055.11V         191         03.075.12V         193           0.2.89.WAR900         164,165,167         03.055.12V         191         03.098.103         221           0.2.89.WAR900         164,165,167         03.06.0100         247         03.098.217         221           0.2.89.WAR900         164,165,167         03.06.0100         247         03.10.00						
0.2.8707.400         154         0.3.055.07V         191         0.3.075.08V9         193           0.2.8708.100         134,155,160,172         0.3.055.08V         191         0.3.075.08V9         193           0.2.8710.100         135,156,173         0.3055.08V9         191         0.3.075.10V9         193           0.2.8710.100         135,155,173         0.3055.08V9         191         0.3.075.10V9         193           0.2.88.00         174         0.3.055.09V9         191         0.3.075.10V9         193           0.2.88.01         174         0.3.055.10V9         191         0.3.075.11V9         193           0.2.89.01         163         0.3.055.10V9         191         0.3.075.12V         193           0.2.89.04AT01         157,160,161         0.3.055.11V         191         0.3.075.12V         193           0.2.89.04R900         164,165,167         0.3.055.12V         191         0.3.075.12V         193           0.2.89.04R900         164,165,167         0.3.055.12V         191         0.3.098.103         221           0.2.89.04R900         164,165,167         0.3.055.12V         191         0.3.098.213         221           0.2.89.04R900         164,165,167         0.3.06.100         2						
0.2 8707.500         134,155,160,172         03.055.07V9         191         03.075.09V         193           0.2 8710.100         135,156,173         03.055.08V         191         03.075.0V         193           0.2 8710.100         135,156,173         03.055.08V9         191         03.075.10V         193           0.2 88.00         174         03.055.09V         191         03.075.11V         193           0.2 88.01         174         03.055.10V         191         03.075.11V         193           0.2 89.00         174         03.055.10V         191         03.075.12V         193           0.2 89.WAT01         157,160,161         03.055.11V         191         03.075.12V         193           0.2 89.WAR900         164,165,167         03.055.11V         191         03.098.103         221           0.2 89.WAR900         164,165,167         03.055.12V         191         03.098.103-75         221           0.2 89.WAR900         164,165,167         03.05.10V         191         03.098.103-75         221           0.2 89.WAR900         162,163         03.06.010         247         03.10.6.065A         229           0.2 99.U.01         160.175         03.06.010         247         03.10.0						
02.8708.100         156         03.055.08V         191         03.075.09V9         193           02.8710.100         135,156,173         03.055.08V9         191         03.075.10V         193           02.88.00         174         03.055.09V9         191         03.075.11V         193           02.88.01         174         03.055.10V9         191         03.075.11V         193           02.89.01         163         30.055.10V9         191         03.075.12V         193           02.89.WAT01         157,160,161         03.055.10V9         191         03.075.12V         193           02.89.WAR04         167         03.055.11V9         191         03.075.12V9         193           02.89.WAR900         164,165,167         03.055.12V9         191         03.098.103         221           02.89.WAR900         164,165,167         03.05.12V9         191         03.098.121         221           02.89.WAR900         164,165,167         03.05.10V9         191         03.098.221         221           02.89.WAR900         162,163         03.06.010         247         03.10.6.065A         229           02.910.01         160,175         03.06.0125         247         03.10.0.0         215						
0.2 8710,100         135,156,173         03.055,08V9         191         03.075,10V9         193           0.2 8710,500         134,155         03.055,09V9         191         03.075,10V9         193           0.2 88.00         174         03.055,09V9         191         03.075,11V9         193           0.2 89.01         163         03.055,10V         191         03.075,11V9         193           0.2 89.WAT.01         157,160,161         03.055,11V9         191         03.075,12V9         193           0.2 89.WAR.900         164,165,167         03.055,11V9         191         03.098,103-75         221           0.2 89.WAR.900         164,165,167         03.055,12V9         191         03.098,103-75         221           0.2 89.WAR.900         164,165,167         03.06,0100         247         03.098,221         221           0.2 89.WAR.900         162,163         03.06,0100         247         03.06,055         229           0.2 910.01         160,175         03.06,0125         247         03.10,000         215           0.2 95.01         163         03.06,0126         247         03.10,000         215           0.2 95.01         163         03.06,0160         247         03.10,000						
0.2.8710.500         135,155         03.055.09V         191         03.075.10V9         193           02.88.00         174         03.055.09V9         191         03.075.11V9         193           02.88.01         163         03.055.10V9         191         03.075.12V         193           02.89.WAT.01         157,160,161         03.055.11V         191         03.075.12V         193           02.89.WAT.01         167         03.055.11V         191         03.075.12V         193           02.89.WAR.00         164,165,167         03.055.11V         191         03.098.103         221           02.89.WAR.900         164,165,167         03.055.12V         191         03.098.021         221           02.89.WAR.900         164,165,167         03.06.0100         247         03.106.065A         229           02.910.01         160,175         03.06.0120         247         03.10.00         215           02.950.1         163         03.06.0140         247         03.10.00.6         401           02.950.1         163         03.06.0160         247         03.10.00.6         401           02.950.1         163         03.06.0180         247         03.10.00.16         401      <						
02.88.01         174         03.055.10V         191         03.075.11V9         193           02.89.WAT01         157,160,161         03.055.10V9         191         03.075.12V9         193           02.89.WAT01         157,160,161         03.055.11V9         191         03.075.12V9         193           02.89.WAR900         164,165,167         03.055.12V         191         03.098.103         221           02.89.WAR900         164,165,167         03.055.12V         191         03.098.103-75         221           02.89.WAR900         164,165,167         03.06.0100         247         03.098.221-75         221           02.89.WAR6900         162,163         03.06.0120         247         03.10.06.065A         229           02.910.01         160,175         03.06.0120         247         03.10.00-9         215           02.910.02         160,175         03.06.0120         247         03.10.00-9         215           02.95.01         163         03.06.0150         247         03.10.00-9         215           02.95.01         163         03.06.0160         247         03.10.00-6         401           02.95.01         163         03.06.1160         247         03.10.00-16         401	02.8710.500		03.055.09V	191		193
02.89.01         163         03.055.10V9         191         03.075.12V         193           02.89.WAT.01         157,160,161         03.055.11V9         191         03.075.12V9         193           02.89WAR900         164,165,167         03.055.11V9         191         03.098.103-75         221           02.89WAR9005         167         03.055.12V9         191         03.098.221         221           02.89WAR9000         164,165,167         03.06.0100         247         03.098.221-75         221           02.89WAR9000         162,163         03.06.0120         247         03.10.00         215           02.89WAR9000         162,163         03.06.0125         247         03.10.00         215           02.89WAR9000         162,163         03.06.0125         247         03.10.00         215           02.99.01         160,175         03.06.0140         247         03.10.00         215           02.95.01         163         03.06.0150         247         03.10.000.6         401           02.95.01         163         03.06.0180         247         03.10.001.6         401           02.95.01         163         03.06.0180         247         03.10.001.6         401	02.88.00	174	03.055.09V9	191	03.075.11V	193
02.89.WAT.01         157,160,161         03.055.11V         191         03.075.12V9         193           02.89WH400         167         03.055.11V9         191         03.098.103         221           02.89WAR900         164,165,167         03.055.12V9         191         03.098.103-75         221           02.89WAR9005         164,165,167         03.06.0100         247         03.098.221-75         221           02.89WAR9000         162,163         03.06.0120         247         03.10.00.065A         229           02.910.01         160,175         03.06.0125         247         03.10.00         215           02.910.01         163         03.06.0125         247         03.10.00         215           02.95.01         163         03.06.0150         247         03.10.00.6         401           02.95.01.01         163         03.06.0160         247         03.10.001.6         401           02.95.01.01         163         03.06.0180         247         03.10.001.6         401           02.95.01.01         163         03.06.0180         247         03.10.001.6         401           02.95.01.01         163         03.06.0180         247         03.10.001.6         401				191		
02.89W140         167         03.055.11V9         191         03.098.103         221           02.89WAR900         164,165,167         03.055.12V9         191         03.098.103.75         221           02.89WAR9005         167         03.055.12V9         191         03.098.221.75         221           02.89WAR9000         162,163         03.06.0100         247         03.10.606SA         229           02.910.01         160,175         03.06.0120         247         03.10.00.6SA         229           02.910.02         160,175         03.06.0120         247         03.10.00.9         215           02.95.01         163         03.06.0150         247         03.10.00.6         401           02.95.01         163         03.06.0160         247         03.10.00.6         401           02.95.01.01         163         03.06.0180         247         03.10.001.6         401           02.95.01.01         163         03.06.0180         247         03.10.001.6         401           02.95.01.01         163         03.06.1180         247         03.10.001.6         401           02.95.01.01         169         03.06.1120         247         03.10.001.6         401						
02.89WAR900         164,165,167         03.055,12V         191         03.098,103-75         221           02.89WAR9005         167         03.055,12V9         191         03.098,221 -         221           02.89WAR900         164,165,167         03.06.0100         247         03.106.065A         229           02.910.01         160,175         03.06.0125         247         03.10.00         215           02.910.02         160,175         03.06.0140         247         03.10.00         215           02.95.01         163         03.06.0160         247         03.10.001.6         401           02.95.01.01         163         03.06.0180         247         03.10.001.6         401           02.95.01.01         163         03.06.0180         247         03.10.001.6         401           02.95.01.01         163         03.06.180         247         03.10.001.6         401           02.95.01.01         163         03.06.180         247         03.10.001.6         401           02.85.01.01         169         03.06.1120         247         03.10.001.8         401           02.R5.01         171         03.06.1120         247         03.10.40         215,424						
02.89WAR9005         167         03.055.12V9         191         03.098.221         221           02.89WAR6900         164,165,167         03.06.0100         247         03.098.221-75         221           02.89WAR6900         162,163         03.06.0120         247         03.10.6.065A         229           02.910.01         160,175         03.06.0125         247         03.10.00         215           02.910.02         160,175         03.06.0140         247         03.10.00-9         215           02.95.01         163         03.06.0150         247         03.10.001-6         401           02.95.01.01         163         03.06.0180         247         03.10.001-6         401           02.98.00         162         03.06.0180         247         03.10.001-6         401           02.98.01         169         03.06.1100         247         03.10.01FB         401           02.85.0130         171         03.06.1120         247         03.10.4101         349           02.R560130         171         03.06.1150         247         03.10.40RB         426           02.R560140         171         03.06.1150         247         03.10.50RB         426           02.R5						
02.89WARA900         164,165,167         03.06.0100         247         03.098.221-75         221           02.89WAR6900         162,163         03.06.0125         247         03.10.00 6.065A         229           02.910.02         160,175         03.06.0125         247         03.10.00-9         215           02.95.01         163         03.06.0150         247         03.10.000.6         401           02.95.01.01         163         03.06.0160         247         03.10.001.6         401           02.95.01.01         163         03.06.0180         247         03.10.001.6         401           02.98.00         162         03.06.1100         247         03.10.001.6         401           02.8ELROT         170         03.06.1120         247         03.10.201.6         401           02.R50130         171         03.06.1120         247         03.10.40         215,424           02.R560130         171         03.06.1150         247         03.10.40         215,424           02.R560150         171         03.06.1150         247         03.10.50 RB         426           02.R560225         171         03.06.1180         247         03.105.025         424 <t< td=""><td></td><td>' '</td><td></td><td></td><td></td><td></td></t<>		' '				
02.89WARG900         162,163         03.06.0120         247         03.1.06.06SA         229           02.910.01         160,175         03.06.0125         247         03.10.00         215           02.910.02         160,175         03.06.0140         247         03.10.00-9         215           02.95.01         163         03.06.0150         247         03.10.000.6         401           02.95.01.01         163         03.06.0180         247         03.10.001.6         401           02.95.02         162         03.06.0180         247         03.10.001.6         401           02.8ELROT         170         03.06.1120         247         03.10.001FB         401           02.R560130         171         03.06.1120         247         03.10.40         215,424           02.R560140         171         03.06.1125         247         03.10.40RB         426           02.R560150         171         03.06.1160         247         03.10.40RB         426           02.R560250         171         03.06.1160         247         03.10.50RB         426           02.R560230         171         03.06.2160         247         03.1060.40RB         426           02.R560230						
02.910.01         160,175         03.06.0125         247         03.10.00         215           02.910.02         160,175         03.06.0140         247         03.10.00-9         215           02.95.01         163         03.06.0160         247         03.10.001.6         401           02.95.01.01         163         03.06.0180         247         03.10.001.6         401           02.98.00         162         03.06.1180         247         03.10.001.FB         401           02.8ELROT         170         03.06.1120         247         03.10.14.01         349           02.R560130         171         03.06.1125         247         03.10.40         215,424           02.R560140         171         03.06.1140         247         03.10.40RB         426           02.R560150         171         03.06.1140         247         03.10.50RB         426           02.R560250         171         03.06.1180         247         03.10.50RB         424           02.R560230         171         03.06.2100         247         03.1060.40         424           02.R560230         171         03.06.2100         247         03.1060.40         424           02.R560330						
02.910.02         160,175         03.06.0140         247         03.10.00-9         215           02.95.01         163         03.06.0150         247         03.10.000.6         401           02.95.01.01         163         03.06.0180         247         03.10.001.6         401           02.98.00         162         03.06.1100         247         03.10.001FB         401           02.BELROT         170         03.06.1100         247         03.10.14.01         349           02.R01         169         03.06.1120         247         03.10.25         424           02.R560130         171         03.06.1125         247         03.10.40         215,424           02.R560140         171         03.06.1150         247         03.10.40RB         426           02.R560255         171         03.06.1160         247         03.10.50RB         426           02.R560225         171         03.06.1180         247         03.1060.25         424           02.R560230         171         03.06.2100         247         03.1060.40         424           02.R560330         171         03.06.2120         247         03.1060.50         424           02.R560330         171<						
02.95.01         163         03.06.0150         247         03.10.000.6         401           02.95.01.01         163         03.06.0160         247         03.10.001.6         401           02.98.00         162         03.06.0180         247         03.10.001FB         401           02.8ELROT         170         03.06.1100         247         03.10.40.1         349           02.R01         169         03.06.1125         247         03.10.40         215,424           02.R560130         171         03.06.1125         247         03.10.40         215,424           02.R560140         171         03.06.1140         247         03.10.50RB         426           02.R560225         171         03.06.1160         247         03.10.50RB         426           02.R560230         171         03.06.1180         247         03.105.0RB         424           02.R560230         171         03.06.2100         247         03.1060.25         424           02.R560250         171         03.06.2120         247         03.1060.40R         426           02.R560330         171         03.06.2125         247         03.1060.50R         424           02.R560330         17						
02.95.01.01         163         03.06.0160         247         03.10.001.6         401           02.98.00         162         03.06.0180         247         03.10.001FB         401           02.8ELROT         170         03.06.1100         247         03.10.14.01         349           02.R01         169         03.06.1120         247         03.10.25         424           02.R560130         171         03.06.1125         247         03.10.40         215,424           02.R560140         171         03.06.1150         247         03.10.40 RB         426           02.R560150         171         03.06.1150         247         03.10.50         424           02.R560225         171         03.06.1160         247         03.10.50RB         426           02.R560230         171         03.06.2100         247         03.1060.25         424           02.R560250         171         03.06.2120         247         03.1060.40         424           02.R560330         171         03.06.2125         247         03.1060.40         424           02.R560330         171         03.06.2125         247         03.1060.50         424           02.R570104         171 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
02.BELROT         170         03.06.1100         247         03.10.14.01         349           02.R01         169         03.06.1120         247         03.10.25         424           02.R560130         171         03.06.1125         247         03.10.40         215,424           02.R560140         171         03.06.1140         247         03.10.40RB         426           02.R560150         171         03.06.1150         247         03.10.50RB         424           02.R560225         171         03.06.1180         247         03.105.0RB         426           02.R560230         171         03.06.2100         247         03.1060.40         424           02.R560250         171         03.06.2120         247         03.1060.40RB         426           02.R560330         171         03.06.2125         247         03.1060.40RB         426           02.R560330         171         03.06.2125         247         03.1060.50RB         426           02.R560350         171         03.06.2150         247         03.1090.50RB         426           02.R570103         171         03.06.2160         247         03.1090.40RB         426           02.R570104         <	02.95.01.01	163	03.06.0160	247	03.10.001.6	401
02.R01         169         03.06.1120         247         03.10.25         424           02.R560130         171         03.06.1125         247         03.10.40         215,424           02.R560140         171         03.06.1140         247         03.10.40RB         426           02.R560150         171         03.06.1150         247         03.10.50         424           02.R560225         171         03.06.1180         247         03.1060.25         424           02.R560230         171         03.06.2100         247         03.1060.40         424           02.R560240         171         03.06.2120         247         03.1060.40         424           02.R560330         171         03.06.2120         247         03.1060.40RB         426           02.R560340         171         03.06.2125         247         03.1060.50RB         426           02.R560350         171         03.06.2150         247         03.1090.50RB         426           02.R570100         171         03.06.2150         247         03.1090.50RB         426           02.R570103         171         03.06.2180         247         03.1090.40RB         426           02.R570106 <td< td=""><td>02.98.00</td><td>162</td><td>03.06.0180</td><td>247</td><td></td><td>401</td></td<>	02.98.00	162	03.06.0180	247		401
02.R560130       171       03.06.1125       247       03.10.40       215,424         02.R560140       171       03.06.1140       247       03.10.40RB       426         02.R560150       171       03.06.1150       247       03.10.50       424         02.R560225       171       03.06.1160       247       03.10.50RB       426         02.R560230       171       03.06.2100       247       03.1060.25       424         02.R560240       171       03.06.2100       247       03.1060.40       424         02.R560250       171       03.06.2125       247       03.1060.40RB       426         02.R560330       171       03.06.2125       247       03.1060.50RB       426         02.R560350       171       03.06.2140       247       03.1060.50RB       426         02.R570100       171       03.06.2150       247       03.1090.25       424         02.R570103       171       03.06.2180       247       03.1090.40       424         02.R570104       171       03.06.3120       247       03.1090.50RB       426         02.R570108       171       03.06.3125       247       03.1090.50RB       426         02.						
02.R560140       171       03.06.1140       247       03.10.40RB       426         02.R560150       171       03.06.1150       247       03.10.50       424         02.R560225       171       03.06.1160       247       03.10.50RB       426         02.R560230       171       03.06.1180       247       03.1060.25       424         02.R560240       171       03.06.2100       247       03.1060.40       424         02.R560250       171       03.06.2120       247       03.1060.40RB       426         02.R560330       171       03.06.2125       247       03.1060.50       424         02.R560350       171       03.06.2140       247       03.1060.50RB       426         02.R570100       171       03.06.2150       247       03.1090.25       424         02.R570103       171       03.06.2180       247       03.1090.40RB       426         02.R570104       171       03.06.3120       247       03.1090.50RB       426         02.R570108       171       03.06.3125       247       03.1090.50RB       426         02.R570108       171       03.06.3125       247       03.1094.00       192,200,202,210,494						
02.R560150         171         03.06.1150         247         03.10.50         424           02.R560225         171         03.06.1160         247         03.10.50RB         426           02.R560230         171         03.06.1180         247         03.1060.25         424           02.R560240         171         03.06.2100         247         03.1060.40         424           02.R560250         171         03.06.2120         247         03.1060.40RB         426           02.R560330         171         03.06.2125         247         03.1060.50         424           02.R560340         171         03.06.2140         247         03.1060.50RB         426           02.R560350         171         03.06.2150         247         03.1090.25         424           02.R570100         171         03.06.2160         247         03.1090.40         424           02.R570103         171         03.06.3100         247         03.1090.40RB         426           02.R570106         171         03.06.3120         247         03.1090.50RB         426           02.R570108         171         03.06.3125         247         03.1090.50RB         426           02.R5701100						
02.R560225         171         03.06.1160         247         03.10.50RB         426           02.R560230         171         03.06.1180         247         03.1060.25         424           02.R560240         171         03.06.2100         247         03.1060.40         424           02.R560250         171         03.06.2120         247         03.1060.40RB         426           02.R560330         171         03.06.2125         247         03.1060.50         424           02.R560340         171         03.06.2140         247         03.1060.50RB         426           02.R560350         171         03.06.2150         247         03.1090.25         424           02.R570100         171         03.06.2160         247         03.1090.40         424           02.R570103         171         03.06.2180         247         03.1090.40RB         426           02.R570104         171         03.06.3100         247         03.1090.40RB         426           02.R570106         171         03.06.3120         247         03.1090.50RB         426           02.R570108         171         03.06.3125         247         03.1090.50RB         426           02.R5701100						
02.R560230         171         03.06.1180         247         03.1060.25         424           02.R560240         171         03.06.2100         247         03.1060.40         424           02.R560250         171         03.06.2120         247         03.1060.40RB         426           02.R560330         171         03.06.2125         247         03.1060.50         424           02.R560340         171         03.06.2140         247         03.1060.50RB         426           02.R560350         171         03.06.2150         247         03.1090.25         424           02.R570100         171         03.06.2160         247         03.1090.40         424           02.R570103         171         03.06.2180         247         03.1090.40RB         426           02.R570104         171         03.06.3100         247         03.1090.40RB         426           02.R570106         171         03.06.3120         247         03.1090.50RB         426           02.R570108         171         03.06.3125         247         03.1090.50RB         426           02.R5701100         171         03.06.3140         247         03.1094.00         192,200,202,210,494           02						
02.R560240         171         03.06.2100         247         03.1060.40         424           02.R560250         171         03.06.2120         247         03.1060.40RB         426           02.R560330         171         03.06.2125         247         03.1060.50         424           02.R560340         171         03.06.2140         247         03.1060.50RB         426           02.R560350         171         03.06.2150         247         03.1090.25         424           02.R570100         171         03.06.2160         247         03.1090.40         424           02.R570103         171         03.06.2180         247         03.1090.40RB         426           02.R570104         171         03.06.3100         247         03.1090.40RB         426           02.R570106         171         03.06.3120         247         03.1090.50RB         426           02.R570108         171         03.06.3125         247         03.1090.50RB         426           02.R5701100         171         03.06.3140         247         03.1094.00         192,200,202,210,494           02.R5701100         171         03.06.3140         247         03.1094.01         190,194,196,198,204,206,  <						
02.R560250         171         03.06.2120         247         03.1060.40RB         426           02.R560330         171         03.06.2125         247         03.1060.50         424           02.R560340         171         03.06.2140         247         03.1060.50RB         426           02.R560350         171         03.06.2150         247         03.1090.25         424           02.R570100         171         03.06.2160         247         03.1090.40         424           02.R570103         171         03.06.2180         247         03.1090.40RB         426           02.R570104         171         03.06.3100         247         03.1090.50         424           02.R570106         171         03.06.3120         247         03.1090.50RB         426           02.R570108         171         03.06.3125         247         03.1090.50RB         426           02.R5701100         171         03.06.3140         247         03.1094.00         192,200,202,210,494           02.R5701100         171         03.06.3140         247         03.1094.01         190,194,196,198,204,206,						
02.R560330       171       03.06.2125       247       03.1060.50       424         02.R560340       171       03.06.2140       247       03.1060.50RB       426         02.R560350       171       03.06.2150       247       03.1090.25       424         02.R570100       171       03.06.2160       247       03.1090.40       424         02.R570103       171       03.06.2180       247       03.1090.40RB       426         02.R570104       171       03.06.3100       247       03.1090.50       424         02.R570106       171       03.06.3120       247       03.1090.50RB       426         02.R570108       171       03.06.3125       247       03.1094.00       192,200,202,210,494         02.R5701100       171       03.06.3140       247       03.1094.01       190,194,196,198,204,206,						
02.R560340         171         03.06.2140         247         03.1060.50RB         426           02.R560350         171         03.06.2150         247         03.1090.25         424           02.R570100         171         03.06.2160         247         03.1090.40         424           02.R570103         171         03.06.2180         247         03.1090.40RB         426           02.R570104         171         03.06.3100         247         03.1090.50         424           02.R570106         171         03.06.3120         247         03.1090.50RB         426           02.R570108         171         03.06.3125         247         03.1094.00         192,200,202,210,494           02.R5701100         171         03.06.3140         247         03.1094.01         190,194,196,198,204,206,						
02.R560350       171       03.06.2150       247       03.1090.25       424         02.R570100       171       03.06.2160       247       03.1090.40       424         02.R570103       171       03.06.2180       247       03.1090.40RB       426         02.R570104       171       03.06.3100       247       03.1090.50       424         02.R570106       171       03.06.3120       247       03.1090.50RB       426         02.R570108       171       03.06.3125       247       03.1094.00       192,200,202,210,494         02.R5701100       171       03.06.3140       247       03.1094.01       190,194,196,198,204,206,						
02.R570100       171       03.06.2160       247       03.1090.40       424         02.R570103       171       03.06.2180       247       03.1090.40RB       426         02.R570104       171       03.06.3100       247       03.1090.50       424         02.R570106       171       03.06.3120       247       03.1090.50RB       426         02.R570108       171       03.06.3125       247       03.1094.00       192,200,202,210,494         02.R5701100       171       03.06.3140       247       03.1094.01       190,194,196,198,204,206,						
02.R570103         171         03.06.2180         247         03.1090.40RB         426           02.R570104         171         03.06.3100         247         03.1090.50         424           02.R570106         171         03.06.3120         247         03.1090.50RB         426           02.R570108         171         03.06.3125         247         03.1094.00         192,200,202,210,494           02.R5701100         171         03.06.3140         247         03.1094.01         190,194,196,198,204,206,						
02.R570106       171       03.06.3120       247       03.1090.50RB       426         02.R570108       171       03.06.3125       247       03.1094.00       192,200,202,210,494         02.R5701100       171       03.06.3140       247       03.1094.01       190,194,196,198,204,206,	02.R570103	171	03.06.2180	247	03.1090.40RB	426
02.R570108       171       03.06.3125       247       03.1094.00       192,200,202,210,494         02.R5701100       171       03.06.3140       247       03.1094.01       190,194,196,198,204,206,	02.R570104	171	03.06.3100	247	03.1090.50	424
02.R5701100 171 03.06.3140 247 03.1094.01 190,194,196,198,204,206,						
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03.796.49	03.7560.25	424	03.87.359	309.485	03.87WFB	252
0.3756.55	03.7560.40				03.88.07V	
0.3377.540	03.7560.50	424	03.87.368	310		244
93.757.50	03.7575.25	424	03.87.369	314,479	03.88.101	244
9.7590.25	03.7575.40	215,424	03.87.370	314	03.88.102	244
0.3790.040	03.7575.50	424	03.87.371	310	03.88.103	244
0.37950.50	03.7590.25	424	03.87.372	310		244
0.3755.001-1   101020   0.387.377   310   0.388.112   2.44     0.381.40   215.474   0.387.378   310.479   0.388.140   2.44     0.381.50   4.24   0.387.379   310.479   0.388.140   2.24     0.381.50   4.24   0.387.381   311   0.388.160   2.24     0.381.50   4.24   0.387.381   311   0.388.160   2.24     0.381.50   4.24   0.387.381   311   0.388.160   2.24     0.381.50   4.24   0.387.381   311   0.388.170   2.24     0.381.50   2.24   0.387.381   311   0.388.170   2.24     0.381.50   2.24   0.387.381   311   0.388.170   2.24     0.381.50   2.24   0.387.381   311   0.388.170   2.24     0.381.50   2.24   0.387.381   311   0.388.170   2.24     0.381.50   2.24   0.387.381   312,99,464.479   0.388.731   2.25     0.381.10   2.24   0.387.381   312,489.537   0.389.100   2.24     0.381.50   2.24   0.387.385   312,489.537   0.389.100   2.24     0.381.50   2.24   0.387.385   312,489.537   0.389.100   2.24     0.381.50   2.24   0.387.385   312,489.537   0.389.101   2.24     0.381.50   2.24   0.387.385   312,489.537   0.389.101   2.24     0.381.50   2.24   0.387.385   312,489.537   0.389.101   2.24     0.381.50   2.24   0.387.385   312,489.537   0.389.101   2.24     0.381.50   2.24   0.387.401   3.09   0.389.102   2.24     0.381.50   2.24   0.387.401   3.09   0.389.105   2.24     0.381.50   2.24   0.387.401   3.09   0.389.105   2.24     0.381.50   2.24   0.387.401   3.09   0.389.105   2.24     0.381.50   2.24   0.387.401   3.09   0.389.105   2.24     0.381.50   2.24   0.387.401   3.09   0.389.105   2.24     0.381.50   2.24   0.387.401   3.09   0.389.105   2.24     0.381.50   2.24   0.387.401   3.09   0.389.105   2.24     0.381.50   2.24   0.387.401   3.09   0.389.105   2.24     0.381.50   2.24   0.387.401   3.09   0.389.105   2.24     0.381.50   2.24   0.387.401   3.09   0.389.105   2.24     0.381.50   2.24   0.387.401   3.09   0.389.105   2.24     0.381.50   2.24   0.387.401   3.09   0.389.105   2.24     0.381.50   2.24   0.387.401   3.09   0.389.105   2.24     0.381.50   2.24   0.387.401   3.09   0.389.105   2.24     0.381.5	03.7590.40	424	03.87.374	310	03.88.111	244
0.8125         424         0.87378         310,479         0.388.144         244           0.814,070         2.15,424         0.87378         310,479         0.388.144         244           0.814,070         2.26         0.87380         310         0.388.166         2.244           0.815,5088         4.26         0.87381         3111         0.388.166         2.244           0.88,04         2.25         0.38,044         2.25         0.38,338         311         0.388.3400         2.25           0.84,100         2.45         0.88,3391         309         0.388.7381         323           0.84,120         2.45         0.88,7391-8         312,399,464,479         0.388.7381         323           0.84,120         2.45         0.88,7391-8         312,399,464,479         0.388.7381         323           0.84,120         2.45         0.88,7395-8         312,399,464,479         0.388.7381         324           0.88,120         2.45         0.88,7395-8         312,493,57         0.389,100         2.43           0.88,120         2.45         0.88,7395-8         312,493,57         0.389,101         2.43           0.88,120         2.45         0.88,7395-8         312,293,57         0	03.7590.50	424	03.87.375	310	03.88.120	244
0.88 1.40						244
0.8.1 (1.00PB)         0.56         0.8.87.380         310         0.28.81.60         2.44           0.8.1 (1.50PB)         4.24         0.8.87.381         311         0.38.166         2.44           0.8.1 (1.50PB)         4.26         0.8.87.381         311         0.38.87.00         2.44           0.8.2 (1.50PB)         4.25         0.3.87.391         309         0.38.87.341         2.25           0.8.4 (1.00         2.45         0.3.87.395-10         312,399.464.479         0.38.87.381         2.25           0.8.4 (1.00         2.45         0.3.87.395-10         312,399.464.479         0.38.87.381         2.25           0.8.4 (1.00         2.45         0.3.87.395-282         312         0.38.910         0.243           0.8.3 (1.50PL)         2.45         0.3.87.395-40         312         0.38.910         0.243           0.8.5 (1.00         2.45         0.3.87.395-82         312         0.38.910         0.243           0.8.5 (1.00         2.45         0.3.87.395-40         312         0.38.910         0.243           0.8.5 (1.00         2.45         0.3.87.395-40         312         0.38.910         0.243           0.8.6 (1.00         2.45         0.3.87.402         309         0.38.91						
0.83.15.00						
0.83 15/08/B         4.26         0.58/7.383         311         0.28 8.170         2.44           0.83 43/64         2.53         0.58/7.391         3.09         0.38 8.73-11         2.25           0.84 41 00         2.45         0.58/7.391         3.09         0.38 8.73-11         2.25           0.84 11 00         2.45         0.58/7.395-10         312,399-644,479         0.38 8.73-81         2.25           0.84 14 00         2.45         0.38,7.395-82         312         0.38 9.100         2.43           0.84 14 00         2.45         0.38,7.395-83         312         0.38 9.100         2.43           0.84 14 00         2.45         0.38,7.395-84         312         0.38 9.100         2.43           0.84 15 00         2.45         0.38,7.395-84         312         0.38 9.101         2.43           0.85 12 0         2.45         0.38,7.396         315,479         0.38 9.102         2.43           0.85 12 0         2.45         0.38,7.402         3.09         0.38 9.112         2.43           0.86 12 1         2.45         0.38,7.404         3.09         0.38 9.152         2.43           0.86 12 1         2.45         0.38,7.405         3.09         0.38 9.152         2.43 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
0.38.37/36						
0.3.84.04						
0.38 AL 1/0         245         0.3 R 3.992         3.09         0.3 R 3.781L         2.35           0.38 AL 1/20         245         0.3 R 3.993-18         312.399,464,479         0.38 7.391-10         2.43           0.38 AL 1/20         245         0.3 R 3.993-18         312.499,537         0.38 9.101         2.43           0.38 AL 1/20         245         0.3 R 7.395-38         312.49         0.38 9.101         2.43           0.38 AL 1/20         245         0.3 R 7.395-40         3.12         0.3 8.9 102         2.43           0.38 AL 1/20         245         0.3 R 7.402         3.09         0.3 8.9 112         2.43           0.38 AL 1/20         245         0.3 R 7.402         3.09         0.3 8.9 112         2.43           0.38 AL 1/21         245         0.3 R 7.404         3.09         0.3 8.9 125         2.43           0.38 AL 1/21         245         0.3 R 7.404         3.09         0.3 8.9 155         2.43           0.38 AL 1/21         245         0.3 R 7.404         3.09         0.3 8.9 155         2.43           0.38 AL 1/21         243         0.3 R 7.404         3.09         0.3 8.9 155         2.43           0.38 AL 1/22         0.3 R 7.404         3.09         0.3 8.9 105						
0.384.100						
0.384   120						
0.384.140						
0.3.84.160         245         0.3.87.398-40         312         0.3.89.102         243           0.3.85.140         245         0.3.87.401         3.09         0.3.89.111         2.43           0.3.86.120         245         0.3.87.402         3.09         0.3.89.111         2.43           0.3.86.121         245         0.3.87.403         3.09         0.3.89.150         2.43           0.3.86.141         245         0.3.87.405         3.09         0.3.89.150         2.43           0.3.86.141         245         0.3.87.406         3.09         0.3.89.155         2.43           0.3.86.141         245         0.3.87.406         3.09         0.3.89.155         2.43           0.3.86.140         238.8         245         0.3.87.407         3.09         0.3.89.0052         404           0.3.87.041-1         3.07         3.87.409         3.09         0.3.90.014         2.22         0.3.87.401         138.309         0.3.90.014         2.22         0.3.87.401         138.309         0.3.90.001         2.77.295.308.464.485.52.537         0.3.87.411         138.309         0.3.90.001         2.77.295.308.464.485.52.537         0.3.87.411         138.309         0.3.90.000         2.77.295.308.464.485.52.5357         0.3.87.419						
0.385.120						
03.85.140         245         03.87.011         309         03.89.111         243           03.86.120         245         03.87.403         309         03.89.122         243           03.86.121         245         03.87.403         309         03.89.125         243           03.86.141         245         03.87.405         309         03.89.155         243           03.86.161         245         03.87.405         309         03.89.155         243           03.86.161         245         03.87.407         309         03.89.015         243           03.86.160         245         03.87.407         309         03.90.01         222           03.87.043.1         307         03.87.409         138.09         03.90.01HV         222           03.87.044.1         307         03.87.411         138.309         03.90.00HV         277.295.308.464.485.523.537           03.87.102-1         307         03.87.412         138.309         03.900.00         277.295.308.464.485.523.537           03.87.103-1         307         03.87.413         138.00         03.900.00         277.295.308.464.481.485.523.537           03.87.103-1         307         03.87.415         310         03.900.00         277.29						
0.386   100						
03.86.120         245         03.87.403         309         03.88.125         243           03.86.141         245         03.87.404         309         03.89.155         243           03.86.140         245         03.87.405         309         03.89.155         243           03.86.160         245         03.87.406         309         03.90.101         222           03.86.104         238.281         03.87.409         33.90         03.90.011         222           03.87.043-1         307         03.87.409         33.90         03.90.011         222           03.87.104-1         307         03.87.410         138.309         03.90.001         277,295.308,464.485,521.537           03.87.102-1         307         03.87.411         138.309         03.90.000         277,295.308,464.485,523.537           03.87.103-1         307         03.87.412         138.309         03.90.000         277,295.308,464.485,523.537           03.87.103-1         307         03.87.415         138.309         03.900.002         277,295.308,464.418,552.23.537           03.87.101         307         03.87.415         310         03.900.002         277,295.308,464.418,455.523.537           03.87.203         308         03.87.415						
03.86.121						
0.3.86.141	03.86.121				03.89.150	
03 86 160         245         03 87.407         309         03 90.01         222           03.86 1.04         238,281         03.87.408         309         03.90.01HV         222           03.87 0.04-1         307         03.87.409         138,309         03.90.001         277,295,308,464,485,523,537           03.87 101-1         307         03.87.411         138,309         03.900.002         277,295,308,464,485,523,537           03.87 102-1         307         03.87.412         138,309         03.900.002         277,295,308,464,485,523,537           03.87 103-1         307         03.87.413         138,309         03.900.002         277,295,308,464,481,485,523,537           03.87.104-1         307         03.87.414         310         03.900.002         277,295,308,464,481,485,523,537           03.87.301         307         03.87.414         310         03.900.005         481,485,537           03.87.301         309         03.87.416         310         03.900.012         277,295,308,464,481,485,537           03.87.302         309         03.87.418         310         03.900.012         277,295,309,364,448,532           03.87.303         309         03.87.418         310         03.900.015         277,295,308,464,479,485,532 <tr< td=""><td>03.86.140</td><td>245</td><td>03.87.405</td><td>309</td><td>03.89.155</td><td>243</td></tr<>	03.86.140	245	03.87.405	309	03.89.155	243
03 86 104         238,281         03 87,409         138,309         03.90.01HV         222           03 87,043-1         307         03 87,409         138,309         03.90.HWIOB         401           03.87,044-1         307         03 87,410         138,309         03.900.001         277,295,308,464,481,523,537           03.87,101-1         307         03.87,411         138,309         03.900.002         277,295,308,464,481,855,23,537           03.87,103-1         307         03.87,412         138,309         03.900.002         277,295,308,464,481,855,23,537           03.87,103-1         307         03.87,414         310         03.900.001         277,295,308,464,811,885,233,537           03.87,103-1         307         03.87,415         310         03.900.001         275,295,308,464,811,885,537           03.87,103-1         309         03.87,415         310         03.900.001         275,295,308,464,811,885,537           03.87,301         309         03.87,415         310         03.900.001         277,295,308,464,811,885,537           03.87,303         309         03.87,419         310         03.900.015         295,504           03.87,304         309         03.87,421         311         03.900.025         277,295,308,464,479,485,537     <	03.86.141	245	03.87.406	309	03.897052	404
0.3 87.043-1   307   0.3 87.409   138,309   0.3 90.HM/0B   401   0.3 87.044-1   307   0.3 87.410   138,309   0.3 900.002   277,295,308,464,485,523,537   0.3 87.102-1   307   0.3 87.412   138,309   0.3 900.002   277,295,308,464,485,523,537   0.3 87.102-1   307   0.3 87.413   138,309   0.3 900.002   277,295,308,464,485,523,537   0.3 87.103-1   307   0.3 87.413   138,309   0.3 900.002   277,295,308,464,485,523,537   0.3 87.104-1   307   0.3 87.414   310   0.3 900.005   481,485,537   0.3 87.104-1   307   0.3 87.415   310   0.3 900.005   481,485,537   0.3 87.301   309   0.3 87.416   310   0.3 900.012   271,295,504   0.3 87.302   309   0.3 87.416   310   0.3 900.012   277,295,308,464,487,4295,504   0.3 87.302   309   0.3 87.418   310   0.3 900.012   277,295,508   0.3 87.304   309   0.3 87.419   310   0.3 900.015   2.2 95,504   0.3 87.305   311   0.3 87.420   311   0.3 900.015   2.2 95,504   0.3 87.305   311   0.3 87.420   311   0.3 900.015   2.7 7,295,308,464,479,485,523,537   0.3 87.307   311   0.3 87.422   311   0.3 900.05   277,295,308,464,479,485,523,537   0.3 87.307   311   3.3 87.422   311   0.3 900.05   277,295,308,464,479,485,523,537   0.3 87.312   3.3 8.3 90   3.8 7.423   311   0.3 900.05   277,295,308,464,479,485,523,537   0.3 87.312   3.3 8.3 90   3.8 7.423   311   0.3 900.05   277,295,308,464,479,485,523,537   0.3 87.312   3.3 8.3 90   3.8 7.424   311   0.3 900.05   277,295,308,464,479,485,523,537   0.3 87.323   3.3 8.3 9.0 3.8 7.425   3.3 3   3.0 90.014   6   2.6 8   3.3 87.323   3.3 8.3 9.0 3.8 7.427   3.14   0.3 900.15   2.0 2   4.8 9   3.3 87.323   3.3 8.3 9.3 87.425   3.3 3   3.3 9.0 1.14   6   2.6 8   3.3 87.323   3.3 8.3 9.3 9.3 87.425   3.3 3   3.3 9.0 1.15   2.7 2.7 2.3 87.325   3.3 3   3.3 87.425   3.3 3   3.3 9.0 1.15   2.7 2.7 2.3 87.325   3.3 3   3.3 87.425   3.3 3   3.3 9.0 1.5 2.0   2.7 2.3 87.325   3.3 3   3.3 87.425   3.3 3   3.3 9.0 1.5 2.0   2.7 2.3 87.334   3.3 8.3 11   3.3 87.435   3.3 14   3.3 9.0 1.5 2.0   2.7 2.2 2.2 2.3 87.334   3.3 8.3 11   3.3 87.435   3.3 87.435   3.3 15   3.	03.86.160	245	03.87.407	309	03.90.01	222
03.87.004-1         307         03.87.410         138.309         03.900.001         277,295.308,464,485,523,537           03.87.101-1         307         03.87.412         138.309         03.900.002         277,295,308,464,485,523,537           03.87.102-1         307         03.87.412         138.309         03.900.003         277,295,308,464,481,485,523,537           03.87.103-1         307         03.87.413         138.309         03.900.001         277,295,308,464,481,485,523,537           03.87.104-1         307         03.87.414         310         03.900.005         277,295,308,464,481,485,523,537           03.87.103         309         03.87.416         310         03.900.012         275,349,399           03.87.301         309         03.87.416         310         03.900.015         275,349,399           03.87.302         309         03.87.418         310         03.900.015         295,504           03.87.303         309         03.87.418         310         03.900.015         295,504           03.87.305         311         03.87.421         311         03.900.05         277,295,308,464,479,485,523,537           03.87.316         311         03.87.421         311         03.900.05         277,295,308,464,479,485,523,537	03.861.04	238,281			03.90.01HV	222
0.3 87.101-1         307         03.87.411         138.309         03.900.002         277.295.308,464,485,523,537           0.3 87.102-1         307         03.87.413         138.309         03.900.002         277.295,308,464,481,845,523,537           0.3 87.103-1         307         03.87.413         138.309         03.900.001         277.295,308,464,481,845,523,537           0.3 87.19         311         03.87.416         310         03.900.012         275,349,399           0.3 87.301         309         03.87.416         310         03.900.012         275,349,399           0.3 87.302         309         03.87.418         310         03.900.013         295,504           0.3 87.303         309         03.87.418         310         03.900.015         295,504           0.3 87.304         309         03.87.419         310         03.900.015         295,504           0.3 87.305         311         03.87.420         311         03.900.015         277.295,308,464,479,485,537           0.3 87.317         1318         03.87.421         311         03.900.015         277.295,308,464,479,485,537           0.3 87.317         138,309         03.87.422         311         03.900.15         277.295,308,464,479,485,537           0.3 87.						
03.87.102-1         307         03.87.412         138,309         03.900.003         277,295,308,464,481,485,523,557           03.87.103-1         307         03.87.413         138,309         03.900.005         481,485,537           03.87.19         311         03.87.415         310         03.900.01         275,349,399           03.87.301         309         03.87.416         310         03.900.012         271,295,504           03.87.302         309         03.87.418         310         03.900.013         295,504           03.87.304         309         03.87.418         310         03.900.015         295,504           03.87.305         311         03.87.420         311         03.900.025         315           03.87.306         311         03.87.421         311         03.900.025         315           03.87.311         138,309         03.87.421         311         03.900.05         277,295,308,464,479,485,537           03.87.312         138,309         03.87.423         311         03.900.01         277,295,308,464,479,485,523,537           03.87.313         138,309         03.87.425         313         03.900.12.01         489           03.87.318         309         03.87.425         313						
03.87.103-1         307         03.87.413         138,309         03.90.004         481,485,537           03.87.104-1         307         03.87.414         310         03.900.005         481,485,537           03.87.301         309         03.87.416         310         03.900.012         271,295,504           03.87.302         309         03.87.417         310         03.900.013         295,504           03.87.303         309         03.87.419         310         03.900.015         295,504           03.87.305         311         03.87.420         311         03.900.025         315           03.87.306         311         03.87.420         311         03.900.02         277,295,308,464,479,485,537           03.87.317         131         03.87.421         311         03.900.06         277,295,308,464,479,485,537           03.87.317         131         03.87.422         311         03.900.06         277,295,308,464,479,485,523,537           03.87.312         138,309         03.87.423         311         03.900.12.01         489           03.87.318         309         03.87.426         311         03.900.15.02.01         489           03.87.322         138,309,399         03.87.426         313						
03.87.104-1         307         03.87.414         310         03.900.005         481,485,537           03.87.19         311         03.87.415         310         03.900.012         277,349,399           03.87.302         309         03.87.417         310         03.900.012         271,295,504           03.87.303         309         03.87.418         310         03.900.015         295,504           03.87.304         309         03.87.419         310         03.900.015         295,504           03.87.305         311         03.87.420         311         03.900.05         277,295,308,464,479,485,537           03.87.306         311         03.87.421         311         03.900.06         277,295,308,464,479,485,537           03.87.311         138,309         03.87.422         311         03.900.07         309           03.87.312         138,309         03.87.423         311         03.900.12.01         489           03.87.318         309         03.87.424         311         03.900.12.01         489           03.87.318         309         03.87.426         313         03.900.15.02.01         266           03.87.322         138,309,399         03.87.428         314         03.900.15.02.01						
03.87.19         311         03.87.415         310         03.900.01         275,349,399           03.87.301         309         03.87.416         310         03.900.012         271,295,504           03.87.302         309         03.87.418         310         03.900.015         295,504           03.87.303         309         03.87.419         310         03.900.015         295,504           03.87.305         311         03.87.420         311         03.900.025         315           03.87.306         311         03.87.421         311         03.900.05         277,295,308,464,479,485,537           03.87.307         311         03.87.422         311         03.900.06         277,295,308,464,479,485,523,537           03.87.312         138,309         03.87.422         311         03.900.12.01         489           03.87.318         309         03.87.424         311         03.900.12.02         489           03.87.322         138,309,399         03.87.425         313         03.900.15,02-01         266           03.87.323         138,309,399         03.87.426         313         03.900.15,02-01         266           03.87.324         138,309,399         03.87.428         314         03.900.15						
03.87.301         309         03.87.416         310         03.900.012         277,295,504           03.87.302         309         03.87.417         310         03.900.013         295,504           03.87.304         309         03.87.419         310         03.900.025         315           03.87.305         311         03.87.420         311         03.900.05         277,295,308,464,479,485,5337           03.87.306         311         03.87.421         311         03.900.06         277,295,308,464,479,485,5357           03.87.311         138,309         03.87.422         311         03.900.06         277,295,308,464,479,485,523,537           03.87.311         138,309         03.87.423         311         03.900.12.01         489           03.87.312         138,309         03.87.424         311         03.900.12.01         489           03.87.318         309         03.87.426         313         03.900.14.16         268           03.87.322         138,309,399         03.87.427         314         03.900.15.13         366           03.87.323         138,309,399         03.87.429         314         03.900.15.20         272,396           03.87.324         138,309,399         03.87.429         314 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
03.87.302         309         03.87.417         310         03.900.013         295,504           03.87.303         309         03.87.418         310         03.900.015         295,504           03.87.304         309         03.87.419         310         03.900.015         295,504           03.87.305         311         03.87.420         311         03.900.05         277,295,308,464,479,485,537           03.87.306         311         03.87.421         311         03.900.06         277,295,308,464,479,485,523,537           03.87.307         3111         03.87.422         311         03.900.07         300           03.87.312         138,309         03.87.424         311         03.900.12.01         489           03.87.313         138,309         03.87.425         313         03.900.14.16         268           03.87.322         138,309,399         03.87.426         313         03.900.15.02-01         266           03.87.323         138,309,399         03.87.428         314         03.900.15.13         366           03.87.324         138,309,399         03.87.428         314         03.900.15.20         272,396           03.87.325         311         03.87.431         314         03.900.15.20						
03.87.303         309         03.87.418         310         03.900.015         295,504           03.87.304         309         03.87.419         310         03.900.025         315           03.87.305         311         03.87.420         311         03.900.06         277,295,308,464,479,485,523,537           03.87.307         311         03.87.422         311         03.900.06         277,295,308,464,479,485,523,537           03.87.311         138,309         03.87.422         311         03.900.12.01         489           03.87.312         138,309         03.87.424         311         03.900.12.02         489           03.87.313         138,309         03.87.425         313         03.900.15.00         266           03.87.322         138,309,399         03.87.426         313         03.900.15.00         266           03.87.323         138,309,399         03.87.428         314         03.900.15.14         270           03.87.325         311         03.87.429         314         03.900.15.20         272,396           03.87.327         314         03.87.431         314         03.900.15.20         272,396           03.87.332         138,311         03.87.432         314         03.900.15.2						
03.87.304         309         03.87.419         310         03.900.025         315           03.87.305         311         03.87.420         311         03.900.05         277,295,308,464,479,485,5337           03.87.306         311         03.87.421         311         03.900.06         277,295,308,464,479,485,523,537           03.87.317         311         03.87.422         311         03.900.07         309           03.87.311         138,309         03.87.423         311         03.900.12.01         489           03.87.313         138,309         03.87.425         313         03.900.14.16         268           03.87.318         309         03.87.426         313         03.900.15.02-01         266           03.87.322         138,309,399         03.87.427         314         03.900.15.02-01         266           03.87.324         138,309,399         03.87.428         314         03.900.15.13         366           03.87.325         311         03.87.429         314         03.900.15.20         272,396           03.87.326         311         03.87.431         314         03.900.15.20         272,396           03.87.337         314         03.87.435         314         03.900.15.20-1						
03.87.305         311         03.87.420         311         03.900.05         277,295,308,464,479,485,537           03.87.306         311         03.87.421         311         03.900.06         277,295,308,464,479,485,523,537           03.87.307         311         03.87.422         311         03.900.07         309           03.87.311         138,309         03.87.423         311         03.900.12.01         489           03.87.312         138,309         03.87.425         313         03.900.12.02         489           03.87.318         309         03.87.426         313         03.900.15.0-1         266           03.87.322         138,309,399         03.87.427         314         03.900.15.0-01         266           03.87.323         138,309,399         03.87.428         314         03.900.15.14         270           03.87.325         311         03.87.429         314         03.900.15.20-1         272,396           03.87.326         311         03.87.430         314,399         03.900.15.20-1         272,296           03.87.327         314         03.87.431         314         03.900.15.20-1         272           03.87.331         138,311         03.87.433         315         03.900.15						
03.87.306         311         03.87.421         311         03.900.06         277,295,308,464,479,485,523,537           03.87.307         311         03.87.422         311         03.900.07         309           03.87.311         138,309         03.87.423         311         03.900.12.01         489           03.87.312         138,309         03.87.424         311         03.900.14.16         268           03.87.318         309         03.87.426         313         03.900.15.02-01         266           03.87.322         138,309,399         03.87.427         314         03.900.15.13         366           03.87.323         138,309,399         03.87.428         314         03.900.15.02-01         266           03.87.325         311         03.87.429         314         03.900.15.20-1         272           03.87.326         311         03.87.429         314         03.900.15.20-1         272           03.87.327         314         03.87.431         314         03.900.15.20-1         272           03.87.327         314         03.87.432         314         03.900.15.20-1         272           03.87.332         313         03.87.432         314         03.900.15.20-1         272						
03.87.311         138,309         03.87.423         311         03.900.12.01         489           03.87.312         138,309         03.87.424         311         03.900.12.02         489           03.87.318         309         03.87.425         313         03.900.14.16         268           03.87.318         309         03.87.426         313         03.900.15.02-01         266           03.87.322         138,309,399         03.87.427         314         03.900.15.13         366           03.87.323         138,309,399         03.87.428         314         03.900.15.14         270           03.87.325         311         03.87.429         314         03.900.15.20-1         272           03.87.326         311         03.87.431         314         03.900.15.20-1         272           03.87.327         314         03.87.431         314         03.900.15.20-1         272           03.87.331         138,311         03.87.432         314         03.900.15.21         272           03.87.332         138,311         03.87.433         315         03.900.15.22-1         272           03.87.333         138,311         03.87.436         315         03.900.15.22-1         272	03.87.306	311	03.87.421	311	03.900.06	
03.87.312         138,309         03.87.424         311         03.900.12.02         489           03.87.313         138,309         03.87.425         313         03.900.14.16         268           03.87.318         309         03.87.426         313         03.900.15.02-01         266           03.87.322         138,309,399         03.87.427         314         03.900.15.13         366           03.87.323         138,309,399         03.87.428         314         03.900.15.14         270           03.87.325         311         03.87.429         314         03.900.15.20         272,396           03.87.326         311         03.87.431         314,399         03.900.15.21         272           03.87.327         314         03.87.432         314         03.900.15.21         272           03.87.331         138,311         03.87.432         314         03.900.15.21         272           03.87.332         138,311         03.87.433         315         03.900.15.22         272           03.87.334         138,311         03.87.434         315         03.900.15.22         272           03.87.335         138,311         03.87.436         315         03.900.15.23         272	03.87.307	311	03.87.422	311	03.900.07	309
03.87.313         138,309         03.87.425         313         03.900.14.16         268           03.87.318         309         03.87.426         313         03.900.15.02-01         266           03.87.322         138,309,399         03.87.427         314         03.900.15.13         366           03.87.323         138,309,399         03.87.428         314         03.900.15.14         270           03.87.324         138,309,399         03.87.429         314         03.900.15.20         272,396           03.87.325         311         03.87.430         314,399         03.900.15.20-1         272           03.87.326         311         03.87.431         314         03.900.15.21         272           03.87.331         138,311         03.87.432         314         03.900.15.21-1         272           03.87.332         138,311         03.87.433         315         03.900.15.22-1         272           03.87.332         138,311         03.87.435         315         03.900.15.22-1         272           03.87.333         138,311         03.87.436         315         03.900.15.23-1         272           03.87.334         138,311         03.87.436         315         03.900.15.23-1	03.87.311	138,309	03.87.423	311	03.900.12.01	489
03.87.318         309         03.87.426         313         03.900.15.02-01         266           03.87.322         138,309,399         03.87.427         314         03.900.15.13         366           03.87.323         138,309,399         03.87.428         314         03.900.15.14         270           03.87.324         138,309,399         03.87.429         314         03.900.15.20-1         272,396           03.87.325         311         03.87.430         314,399         03.900.15.20-1         272           03.87.326         311         03.87.431         314         03.900.15.21         272           03.87.327         314         03.87.432         314         03.900.15.21-1         272           03.87.332         138,311         03.87.433         315         03.900.15.22-1         272           03.87.333         138,311         03.87.435         315         03.900.15.22-1         272           03.87.334         138,311         03.87.436         315         03.900.15.23-1         272           03.87.345         138,311         03.87.436         315         03.900.15.24         272           03.87.341         138,311,485         03.87.436         315         03.900.15.24						
03.87.322         138,309,399         03.87.427         314         03.900.15.13         366           03.87.323         138,309,399         03.87.428         314         03.900.15.14         270           03.87.324         138,309,399         03.87.429         314         03.900.15.20         272,396           03.87.325         311         03.87.431         314         03.900.15.20-1         272           03.87.326         311         03.87.431         314         03.900.15.21-1         272           03.87.327         314         03.87.432         314         03.900.15.21-1         272           03.87.331         138,311         03.87.433         315         03.900.15.22-1         272           03.87.332         138,311         03.87.435         315         03.900.15.22-1         272           03.87.333         138,311         03.87.436         315         03.900.15.23-1         272           03.87.334         138,311         03.87.436         315         03.900.15.23-1         272           03.87.345         138,311,485         03.87.486         315         03.900.15.24-1         272           03.87.344         138,311,485         03.87.500         313         03.900.15.25-1						
03.87.323         138,309,399         03.87.428         314         03.900.15.14         270           03.87.324         138,309,399         03.87.429         314         03.900.15.20         272,396           03.87.325         311         03.87.430         314,399         03.900.15.20-1         272           03.87.326         311         03.87.431         314         03.900.15.21         272           03.87.337         314         03.87.432         314         03.900.15.21-1         272           03.87.331         138,311         03.87.433         315         03.900.15.22-1         272           03.87.332         138,311         03.87.434         315         03.900.15.22-1         272           03.87.333         138,311         03.87.435         315         03.900.15.22-1         272           03.87.334         138,311         03.87.436         315         03.900.15.23-1         272           03.87.334         138,311         03.87.436         315         03.900.15.24-1         272           03.87.342         138,311,485         03.87.486         313         03.900.15.24-1         272           03.87.344         138,311,485         03.87.500         313         03.900.15.25-1						
03.87.324         138,309,399         03.87.429         314         03.900.15.20         272,396           03.87.325         311         03.87.430         314,399         03.900.15.20-1         272           03.87.326         311         03.87.431         314         03.900.15.21         272           03.87.327         314         03.87.432         314         03.900.15.21-1         272           03.87.331         138,311         03.87.433         315         03.900.15.22         272           03.87.332         138,311         03.87.435         315         03.900.15.22-1         272           03.87.333         138,311         03.87.435         315         03.900.15.23-1         272           03.87.334         138,311         03.87.436         315         03.900.15.23-1         272           03.87.335         138,311         03.87.436         315         03.900.15.23-1         272           03.87.343         138,311,485         03.87.438         315         03.900.15.24-1         272           03.87.342         138,311,485         03.87.500         313         03.900.15.25-1         272           03.87.344         138,311,485         03.87.500         313         03.900.15.25-1						
03.87.325         311         03.87.430         314,399         03.900.15.20-1         272           03.87.326         311         03.87.431         314         03.900.15.21         272           03.87.327         314         03.87.432         314         03.900.15.21-1         272           03.87.331         138,311         03.87.433         315         03.900.15.22-1         272           03.87.332         138,311         03.87.435         315         03.900.15.22-1         272           03.87.333         138,311         03.87.435         315         03.900.15.23-1         272           03.87.334         138,311         03.87.436         315         03.900.15.23-1         272           03.87.341         138,311,485         03.87.437         315         03.900.15.24-1         272           03.87.342         138,311,485         03.87.486         313         03.900.15.25-1         272           03.87.343         138,311,485         03.87.500         313         03.900.15.25-1         272           03.87.344         138,311,485         03.87.501         313         03.900.15.30         495           03.87.355         138,311,485         03.87.WFB1000         252         03.900.15.31						
03.87.326         311         03.87.431         314         03.900.15.21         272           03.87.327         314         03.87.432         314         03.900.15.21-1         272           03.87.331         138,311         03.87.433         315         03.900.15.22         272           03.87.332         138,311         03.87.434         315         03.900.15.22-1         272           03.87.333         138,311         03.87.435         315         03.900.15.23         272           03.87.334         138,311         03.87.436         315         03.900.15.23-1         272           03.87.341         138,311,485         03.87.437         315         03.900.15.24         272           03.87.342         138,311,485         03.87.486         315         03.900.15.24-1         272           03.87.343         138,311,485         03.87.500         313         03.900.15.25-1         272           03.87.344         138,311,485         03.87.500         313         03.900.15.25-1         272           03.87.345         138,311,485         03.87.WFB1000         252         03.900.15.31         495           03.87.355         313         03.87W1000         252         03.900.15.33 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td></t<>						
03.87.327         314         03.87.432         314         03.900.15.21-1         272           03.87.331         138,311         03.87.433         315         03.900.15.22         272           03.87.332         138,311         03.87.434         315         03.900.15.22-1         272           03.87.333         138,311         03.87.435         315         03.900.15.23         272           03.87.334         138,311         03.87.436         315         03.900.15.23-1         272           03.87.335         138,311         03.87.437         315         03.900.15.24         272           03.87.341         138,311,485         03.87.438         315         03.900.15.24-1         272           03.87.342         138,311,485         03.87.486         313         03.900.15.25-1         272           03.87.343         138,311,485         03.87.500         313         03.900.15.25-1         272           03.87.344         138,311,485         03.87.501         313         03.900.15.30         495           03.87.355         138,311,485         03.87.WFB1000         252         03.900.15.31         495           03.87.355         138,309,485         03.87W1000         252         03.900.15.33 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
03.87.331       138,311       03.87.433       315       03.900.15.22       272         03.87.332       138,311       03.87.434       315       03.900.15.22-1       272         03.87.333       138,311       03.87.435       315       03.900.15.23       272         03.87.334       138,311       03.87.436       315       03.900.15.23-1       272         03.87.335       138,311       03.87.437       315       03.900.15.24       272         03.87.341       138,311,485       03.87.438       315       03.900.15.24-1       272         03.87.342       138,311,485       03.87.486       313       03.900.15.25-1       272         03.87.343       138,311,485       03.87.500       313       03.900.15.25-1       272         03.87.344       138,311,485       03.87.501       313       03.900.15.30       495         03.87.345       138,311,485       03.87.WFB1000       252       03.900.15.31       495         03.87.350       313       03.87W1000       252       03.900.15.32       495         03.87.357       309,485       03.87W1500       252       03.900.15.33       266         03.87.357       309,485       03.87W1500       252						
03.87.332       138,311       03.87.434       315       03.900.15.22-1       272         03.87.333       138,311       03.87.435       315       03.900.15.23       272         03.87.334       138,311       03.87.436       315       03.900.15.23-1       272         03.87.335       138,311       03.87.437       315       03.900.15.24       272         03.87.341       138,311,485       03.87.438       315       03.900.15.24-1       272         03.87.342       138,311,485       03.87.486       313       03.900.15.25-       272         03.87.343       138,311,485       03.87.500       313       03.900.15.25-1       272         03.87.344       138,311,485       03.87.501       313       03.900.15.30       495         03.87.345       138,311,485       03.87.WFB1000       252       03.900.15.31       495         03.87.350       313       03.87W1000       252       03.900.15.32       495         03.87.355       138,309,485       03.87W1000S       252       03.900.15.33       266         03.87.357       309,485       03.87W1500       252       03.900.15.580.4       267						
03.87.333         138,311         03.87.435         315         03.900.15.23         272           03.87.334         138,311         03.87.436         315         03.900.15.23-1         272           03.87.335         138,311         03.87.437         315         03.900.15.24         272           03.87.341         138,311,485         03.87.438         315         03.900.15.24-1         272           03.87.342         138,311,485         03.87.486         313         03.900.15.25-         272           03.87.343         138,311,485         03.87.500         313         03.900.15.25-1         272           03.87.344         138,311,485         03.87.501         313         03.900.15.30         495           03.87.345         138,311,485         03.87.WFB1000         252         03.900.15.31         495           03.87.350         313         03.87W1000         252         03.900.15.32         495           03.87.355         138,309,485         03.87W1000S         252         03.900.15.33         266           03.87.357         309,485         03.87W1500         252         03.900.15.580.4         267						
03.87.334         138,311         03.87.436         315         03.900.15.23-1         272           03.87.335         138,311         03.87.437         315         03.900.15.24         272           03.87.341         138,311,485         03.87.438         315         03.900.15.24-1         272           03.87.342         138,311,485         03.87.486         313         03.900.15.25         272           03.87.343         138,311,485         03.87.500         313         03.900.15.25-1         272           03.87.344         138,311,485         03.87.501         313         03.900.15.30         495           03.87.345         138,311,485         03.87.WFB1000         252         03.900.15.31         495           03.87.350         313         03.87W1000         252         03.900.15.32         495           03.87.355         138,309,485         03.87W1000S         252         03.900.15.33         266           03.87.357         309,485         03.87W1500         252         03.900.15.580.4         267						
03.87.335     138,311     03.87.437     315     03.900.15.24     272       03.87.341     138,311,485     03.87.438     315     03.900.15.24-1     272       03.87.342     138,311,485     03.87.486     313     03.900.15.25     272       03.87.343     138,311,485     03.87.500     313     03.900.15.25-1     272       03.87.344     138,311,485     03.87.501     313     03.900.15.30     495       03.87.345     138,311,485     03.87.WFB1000     252     03.900.15.31     495       03.87.350     313     03.87W1000     252     03.900.15.32     495       03.87.355     138,309,485     03.87W1000S     252     03.900.15.33     266       03.87.357     309,485     03.87W1500     252     03.900.15.580.4     267						
03.87.341     138,311,485     03.87.438     315     03.900.15.24-1     272       03.87.342     138,311,485     03.87.486     313     03.900.15.25     272       03.87.343     138,311,485     03.87.500     313     03.900.15.25-1     272       03.87.344     138,311,485     03.87.501     313     03.900.15.30     495       03.87.345     138,311,485     03.87.WFB1000     252     03.900.15.31     495       03.87.350     313     03.87W1000     252     03.900.15.32     495       03.87.355     138,309,485     03.87W1000S     252     03.900.15.33     266       03.87.357     309,485     03.87W1500     252     03.900.15.580.4     267						
03.87.343     138,311,485     03.87.500     313     03.900.15.25-1     272       03.87.344     138,311,485     03.87.501     313     03.900.15.30     495       03.87.345     138,311,485     03.87.WFB1000     252     03.900.15.31     495       03.87.350     313     03.87W1000     252     03.900.15.32     495       03.87.355     138,309,485     03.87W1000S     252     03.900.15.33     266       03.87.357     309,485     03.87W1500     252     03.900.15.580.4     267	03.87.341		03.87.438		03.900.15.24-	
03.87.344     138,311,485     03.87.501     313     03.900.15.30     495       03.87.345     138,311,485     03.87.WFB1000     252     03.900.15.31     495       03.87.350     313     03.87W1000     252     03.900.15.32     495       03.87.355     138,309,485     03.87W1000S     252     03.900.15.33     266       03.87.357     309,485     03.87W1500     252     03.900.15.580.4     267						
03.87.345     138,311,485     03.87.WFB1000     252     03.900.15.31     495       03.87.350     313     03.87W1000     252     03.900.15.32     495       03.87.355     138,309,485     03.87W1000S     252     03.900.15.33     266       03.87.357     309,485     03.87W1500     252     03.900.15.580.4     267						
03.87.350       313       03.87W1000       252       03.900.15.32       495         03.87.355       138,309,485       03.87W1000S       252       03.900.15.33       266         03.87.357       309,485       03.87W1500       252       03.900.15.580.4       267						
03.87.355     138,309,485     03.87W1000S     252     03.900.15.33     266       03.87.357     309,485     03.87W1500     252     03.900.15.580.4     267						
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04.118.600	497	04.156.120FB	542	04.413.25	541
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04.118.608	497	04.158.120	542	04.43.1016	508
04.118.609	497	04.158.120FB	542	04.43.2216	508
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0.4 \$80.01         498         0.4 213.18.090         5.44         0.5.1100.01         563           0.4 \$80.02         498         0.4 213.18.100         5.44         0.5.11134.0-10         562           0.4 \$80.03         499         0.4 213.18.150         544         0.5.11134.0-10         562           0.4 \$80.30         498         0.4 1550936         5.47         0.5.1134.07         562           0.4 \$80.30         498         0.4 1550936-1         547         0.5.1134.07         562           0.4 \$80.30         545         0.4 1550936-1         547         0.5.1134.07         562           0.4 \$1.10         545         0.4 1550936-2         547         0.5.1175.01         563           0.4 \$1.3.14.090         545         0.4 155120G-1         547         0.5.12066         569           0.4 \$1.3.15.000         545         0.4 155120G-1         547         0.5.12316k         569           0.4 \$1.3.15.100         545         0.4 1550936         547         0.5.12016k         569           0.4 \$1.3.15.100         545         0.4 1560936         547         0.5.12016k         569           0.4 \$1.3.15.100         545         0.4 1560936         547         0.5.1803         564						
04.980.02         498         04.213.18.100         544         05.11134.0-08         562           04.980.03         499         04.213.18.120         544         05.11134.01         562           04.980.04         499         04.213.18.150         544         05.11134.05         562           04.803.03         498         041550936         547         05.1134.05         562           04.803.14.100         545         041550936-1         547         05.1175.01         563           04.K13.14.100         545         04155120G         547         05.1206K         569           04.K13.15.100         545         04155120G-1         547         05.1234K         569           04.K13.15.100         545         04155120G-2         547         05.1234K         569           04.K13.16.090         545         04156093G         547         05.1234K         569           04.K13.16.000         545         04156093G         547         05.1302E         569           04.K13.16.000         545         04156093G-2         547         05.18038         564           04.K13.16.000         545         04156093G-1         547         05.18028         564           04.K14.541						
04.980.03         499         04.213.18.120         544         05.11134.0-10         562           04.980.04         499         04.213.18.150         544         05.11134.08         562           04.980.30         498         041550936         547         05.1134.07         562           04.1901         521         041550936-1         547         05.1134.07         562           04.K13.14.000         545         041550936-2         547         05.1134.07         562           04.K13.14.100         545         04155120G         547         05.1236K         569           04.K13.15.090         545         04155120G-1         547         05.1231K         569           04.K13.16.100         545         04156093G         547         05.13020E         569           04.K13.16.100         545         04156093G         547         05.18020E         569           04.KK454120         257         041561093G-1         547         05.18084         564           04.KK454121         257         04156120G-2         547         05.18084         564           04.KK454121         257         04156120G-1         547         05.18085         564           04.KK4542120						
04,980.04         499         04,213,18,150         544         05,11134,05         562           04,980.30         498         04155093G         547         05,1134,057         562           04,19001         521         04155093G-1         547         05,1134,07         562           04,13,14,100         545         04155093G-2         547         05,1175,01         563           04,13,15,100         545         04155120G-1         547         05,12216K         569           04,13,15,100         545         04155120G-2         547         05,12316K         569           04,13,16,090         545         04155120G-2         547         05,12316K         569           04,13,16,000         545         04156093G         547         05,12341E         569           04,13,16,000         545         04156093G         547         05,18020E         569           04,13,13,16,000         545         04156093G         547         05,18083         564           04,13,13,16,000         545         04156093G         547         05,18083         564           04,13,13,16,000         545         04156093G         547         05,18083         564           04,13,13,16,000						
04,980.30         498         04155093G         547         05.1134.05         562           04,P001         521         04155093G-1         547         05.1134.07         562           04,K13.14,109         545         04155093G-2         547         05.1175.01         563           04,K13.14,100         545         04155120G         547         05.12096K         569           04,K13.15,090         545         04155120G-1         547         05.12341E         569           04,K13.16,100         545         04155120G-2         547         05.12341E         569           04,K13.16,100         545         04156093G         547         05.13020E         569           04,K43.16,100         545         04156093G-2         547         05.18033         564           04,K454120         257         04156120G-3         547         05.18083         564           04,K454121         257         04156120G-3         547         05.18083         564           04,K454122         257         04156120G-2         547         05.18083         564           04,K4542123         257         04156120G-3         547         05.18085         564           04,K454220						
04.IP001         521         04.155093G-1         547         05.1134.07         562           04.K13.14.090         545         04155093G-2         547         05.1175.01         563           04.K13.14.100         545         04155120G-1         547         05.12936K         569           04.K13.15.100         545         04155120G-1         547         05.12316K         569           04.K13.16.000         545         04156093G         547         05.12310E         569           04.K13.16.100         545         04156093G-1         547         05.15012K         569           04.K43.454120         257         04156093G-2         547         05.18084         564           04.KK454121         257         04156120G-1         547         05.18084         564           04.KK454122         257         04156120G-1         547         05.18085         564           04.KK454220         256         04158120G         547         05.18085         564           04.KK454210         256         04255120G         547         05.18104         564           04.KK454220         256         04255160G         547         05.18105         564           04.KK454220						
04.K13.14.100         545         04155120G         547         05.1206K         569           04.K13.15.090         545         04155120G-1         547         05.12316K         569           04.K13.15.000         545         04155120G-2         547         05.13241E         569           04.K13.16.100         545         04156093G         547         05.13020E         569           04.K13.16.100         545         04156093G-2         547         05.15012K         569           04.KK454120         257         04156093G-2         547         05.18083         564           04.KK454121         257         04156120G-1         547         05.18084         564           04.KK454123         257         04156120G-1         547         05.18085         564           04.KK454123         257         04156120G-2         547         05.18086         564           04.KK454200         256         04158120G         547         05.18103         564           04.KK454210         256         04158120G         547         05.18103         564           04.KK454223         256         04255120G         547         05.18106         564           04.KK454223 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td></t<>						
04.K13.15.090         545         04155120G-1         547         05.12316K         569           04.K13.15.100         545         04155120G-2         547         05.12341E         569           04.K13.16.090         545         04156093G         547         05.13020E         569           04.K13.16.100         545         04156093G-1         547         05.15012K         569           04.KK454120         257         04156093G-2         547         05.18083         564           04.KK454121         257         04156120G-1         547         05.18084         564           04.KK454122         257         04156120G-2         547         05.18085         564           04.KK454123         257         04156120G-2         547         05.18086         564           04.KK454210         256         04158120G         547         05.18086         564           04.KK454210         256         04255120G         547         05.18103         564           04.KK454220         256         04255160G         547         05.18106         564           04.KK454230         256         04255160G         547         05.18123         564           04.KK454240	04.K13.14.090	545	04155093G-2	547	05.1175.01	563
04.K13.15.100         545         04155120G-2         547         05.12341E         569           04.K13.16.000         545         04156093G-1         547         05.13020E         569           04.K13.16.100         545         04156093G-1         547         05.18083         564           04.KK454120         257         04156120G         547         05.18083         564           04.KK454121         257         04156120G-1         547         05.18085         564           04.KK454123         257         04156120G-2         547         05.18085         564           04.KK454123         257         04156120G-2         547         05.18086         564           04.KK454200         256         04158102G-2         547         05.18086         564           04.KK454210         256         04158120G         547         05.18104         564           04.KK454223         256         04255120G         547         05.18105         564           04.KK454223         256         04256120G         547         05.18106         564           04.KK454240         257         04256100G         547         05.18123         564           04.KK454270         256<	04.K13.14.100	545	04155120G	547	05.12096K	569
04.K13.16.090         545         04156093G         547         05.13020E         569           04.K13.16.100         545         04156093G-1         547         05.15012K         569           04.KK454120         257         04156093G-2         547         05.18083         564           04.KK454121         257         04156120G         547         05.18084         564           04.KK454122         257         04156120G-1         547         05.18085         564           04.KK454123         257         04156120G-2         547         05.18086         564           04.KK454200         256         04158033G         547         05.18103         564           04.KK454210         256         04158120G         547         05.18104         564           04.KK454220         256         04255120G         547         05.18106         564           04.KK454223         256         04255160G         547         05.18106         564           04.KK454220         256         04256160G         547         05.18106         564           04.KK454220         257         04256160G         547         05.18124         564           04.KK454220         257	04.K13.15.090	545	04155120G-1	547	05.12316K	569
04.K13.16.100         545         04156093G-1         547         05.15012K         569           04.KK454120         257         04156093G-2         547         05.18083         564           04.KK454121         257         04156120G         547         05.18084         564           04.KK454122         257         04156120G-1         547         05.18085         564           04.KK454123         257         04156120G-2         547         05.18086         564           04.KK454200         256         04158120G         547         05.18103         564           04.KK454210         256         04255120G         547         05.18104         564           04.KK454220         256         04255120G         547         05.18105         564           04.KK454223         256         04255120G         547         05.18106         564           04.KK454223         256         04256120G         547         05.18106         564           04.KK454220         256         04256120G         547         05.18124         564           04.KK454220         257         04256160G         547         05.18124         564           04.KK454220         257						
04.KK454120         257         04156093G-2         547         05.18083         564           04.KK454121         257         04156120G         547         05.18084         564           04.KK454122         257         04156120G-1         547         05.18085         564           04.KK454123         257         04156120G-2         547         05.18086         564           04.KK454200         256         04158120G         547         05.18103         564           04.KK454210         256         04255120G         547         05.18104         564           04.KK454220         256         04255120G         547         05.18105         564           04.KK454233         256         04255120G         547         05.18106         564           04.KK454230         256         04256120G         547         05.18123         564           04.KK454240         257         04256160G         547         05.18123         564           04.KK454270         256         0465SGS-L-GK         110,120         05.18126         564           04.KWBM125         216         04GSSVS-L-GK         110,120         05.18163         564           04.MG100/30         502 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
04.KK454121         257         04156120G         547         05.18084         564           04.KK454122         257         04156120G-1         547         05.18085         564           04.KK454123         257         04156120G-2         547         05.18086         564           04.KK454200         256         04158093G         547         05.18103         564           04.KK454210         256         04255120G         547         05.18104         564           04.KK454223         256         04255120G         547         05.18105         564           04.KK454230         256         04256120G         547         05.18105         564           04.KK454240         257         04256160G         547         05.18123         564           04.KK454250         257         04256160G         547         05.18124         564           04.KK454270         256         0465S65-R-GK         110,120         05.18125         564           04.KWBM125         216         046SSV5-L-GK         110,120         05.18163         564           04.KWBM200         216         04GSSV5-R-GK         110,120         05.18164         564           04.MAG100/30         50						
04.KK454122         257         04156120G-1         547         05.18085         564           04.KK454123         257         04156120G-2         547         05.18086         564           04.KK454200         256         0415803G         547         05.18103         564           04.KK454210         256         04255120G         547         05.18104         564           04.KK454220         256         04255120G         547         05.18106         564           04.KK454230         256         04255160G         547         05.18106         564           04.KK454240         257         04256160G         547         05.18123         564           04.KK454270         256         042556160G         547         05.18124         564           04.KK454270         256         046SSGS-R-GK         110,120         05.18125         564           04.KWBM125         216         04GSSVS-L-GK         110,120         05.18126         564           04.KWBM200         216         04GSSVS-R-GK         110,120         05.18163         564           04.RC.01         496         04MLF100         459         05.1831-6         564           04.V13.14.090         545<						
04.KK454123         257         04156120G-2         547         05.18086         564           04.KK454200         256         04158093G         547         05.18103         564           04.KK454210         256         04158120G         547         05.18104         564           04.KK454220         256         04255120G         547         05.18105         564           04.KK454223         256         04255160G         547         05.18106         564           04.KK454230         256         04256120G         547         05.18123         564           04.KK454240         257         04256160G         547         05.18123         564           04.KK454250         257         04GSSGS-L-GK         110,120         05.18125         564           04.KW454270         256         04GSSVS-R-GK         110,120         05.18126         564           04.KWBM125         216         04GSSVS-L-GK         110,120         05.18163         564           04.KWBM200         216         04GSSVS-R-GK         110,120         05.18164         564           04.RC.01         496         04ML100         459         05.18165         564           04.RC.02         496 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
04.KK454200         256         04158093G         547         05.18103         564           04.KK454210         256         04158120G         547         05.18104         564           04.KK454220         256         04255120G         547         05.18105         564           04.KK454233         256         04255160G         547         05.18106         564           04.KK454230         256         04256120G         547         05.18123         564           04.KK454240         257         04256160G         547         05.18123         564           04.KK454250         257         046SSGS-L-GK         110,120         05.18125         564           04.KWBM270         256         04GSSGS-R-GK         110,120         05.18126         564           04.KWBM200         216         04GSSVS-L-GK         110,120         05.18163         564           04.MG100/30         502         04MB100         459         05.18165         564           04.RC.01         496         04ML100         459         05.18166         564           04.V13.14.090         545         04S155093         546         05.1A31-243         572           04.V13.15.100         545 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
04.KK454210         256         04158120G         547         05.18104         564           04.KK454220         256         04255120G         547         05.18105         564           04.KK454233         256         04255160G         547         05.18106         564           04.KK454230         256         04256120G         547         05.18123         564           04.KK454240         257         04256160G         547         05.18124         564           04.KK454250         257         04256160G         547         05.18125         564           04.KK454270         256         04GSSGS-L-GK         110,120         05.18126         564           04.KWBM125         216         04GSSV5-L-GK         110,120         05.18126         564           04.KWBM200         216         04GSSV5-R-GK         110,120         05.18163         564           04.RC.01         496         04ML100         459         05.18165         564           04.RC.02         496         04ML100         459         05.1A31-197         572           04.V13.14.090         545         04S155093-1         546         05.1A32-243         572           04.V13.15.100         545 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
04.KK454220         256         04255120G         547         05.18105         564           04.KK454223         256         04255160G         547         05.18106         564           04.KK454230         256         04256120G         547         05.18123         564           04.KK454240         257         04256160G         547         05.18124         564           04.KK454250         257         04GSSGS-L-GK         110,120         05.18125         564           04.KK454270         256         04GSSGS-R-GK         110,120         05.18126         564           04.KWBM125         216         04GSSVS-L-GK         110,120         05.18163         564           04.KWBM200         216         04GSSVS-R-GK         110,120         05.18163         564           04.RC.01         496         04ML100         459         05.18165         564           04.RC.02         496         04MLF100         459         05.1A31-197         572           04.V13.14.090         545         04S155093-1         546         05.1A32-197         572           04.V13.15.100         545         04S155120-1         546         05.1B31-243         572           04.V13.16.090						
04.KK454223       256       04255160G       547       05.18106       564         04.KK454230       256       04256120G       547       05.18123       564         04.KK454240       257       04256160G       547       05.18124       564         04.KK454250       257       04GSSGS-L-GK       110,120       05.18125       564         04.KK454270       256       04GSSGS-R-GK       110,120       05.18126       564         04.KWBM125       216       04GSSVS-L-GK       110,120       05.18163       564         04.KWBM200       216       04GSSVS-R-GK       110,120       05.18163       564         04.RC.01       496       04ML100       459       05.18165       564         04.RC.02       496       04MLF100       459       05.1831-197       572         04.V13.14.090       545       045155093       546       05.1A31-1243       572         04.V13.15.100       545       045155093-1       546       05.1A32-143       572         04.V13.15.100       545       045156093       546       05.1B31-243       572         04.V13.16.100       545       045156093-1       546       05.1B32-197       572						
04.KK454240       257       04256160G       547       05.18124       564         04.KK454250       257       04GSSGS-L-GK       110,120       05.18125       564         04.KK454270       256       04GSSGS-R-GK       110,120       05.18126       564         04.KWBM125       216       04GSSVS-L-GK       110,120       05.18163       564         04.KWBM200       216       04GSSVS-R-GK       110,120       05.18164       564         04.MAG100/30       502       04MB100       459       05.18165       564         04.RC.01       496       04ML100       459       05.1831-197       572         04.V13.14.090       545       04S155093       546       05.1A31-243       572         04.V13.14.100       545       04S155093-1       546       05.1A32-197       572         04.V13.15.090       545       04S155120-1       546       05.1B31-197       572         04.V13.16.090       545       04S156093       546       05.1B32-243       572         04.W13.14.090       545       04S156120       546       05.1B32-243       572         04.W13.14.090       545       04S156093-1       546       05.1B32-243       572				547		
04.KK454250         257         04GSSGS-L-GK         110,120         05.18125         564           04.KK454270         256         04GSSGS-R-GK         110,120         05.18126         564           04.KWBM125         216         04GSSVS-L-GK         110,120         05.18163         564           04.KWBM200         216         04GSSVS-R-GK         110,120         05.18164         564           04.MAG100/30         502         04MB100         459         05.18165         564           04.RC.01         496         04ML100         459         05.18166         564           04.RC.02         496         04MLF100         459         05.1A31-197         572           04.V13.14.090         545         04S155093         546         05.1A31-243         572           04.V13.15.090         545         04S155120         546         05.1A32-243         572           04.V13.15.000         545         04S155120-1         546         05.1B31-197         572           04.V13.16.090         545         04S156093         546         05.1B31-243         572           04.W13.14.090         545         04S156093-1         546         05.1B32-197         572           04.W13.	04.KK454230	256	04256120G	547	05.18123	564
04.KK454270       256       04GSSGS-R-GK       110,120       05.18126       564         04.KWBM125       216       04GSSVS-L-GK       110,120       05.18163       564         04.KWBM200       216       04GSSVS-R-GK       110,120       05.18164       564         04.MAG100/30       502       04MB100       459       05.18165       564         04.RC.01       496       04ML100       459       05.1831-197       572         04.V13.14.090       545       04S155093       546       05.1A31-243       572         04.V13.14.100       545       04S155093-1       546       05.1A32-197       572         04.V13.15.090       545       04S155120       546       05.1A32-243       572         04.V13.15.100       545       04S155120-1       546       05.1B31-197       572         04.V13.16.090       545       04S156093       546       05.1B31-243       572         04.W13.16.100       545       04S156093-1       546       05.1B32-197       572         04.W13.14.090       545       04S156120       546       05.1B32-243       572	04.KK454240	257	04256160G	547	05.18124	564
04.KWBM125       216       04GSSVS-L-GK       110,120       05.18163       564         04.KWBM200       216       04GSSVS-R-GK       110,120       05.18164       564         04.MAG100/30       502       04MB100       459       05.18165       564         04.RC.01       496       04ML100       459       05.18166       564         04.RC.02       496       04MLF100       459       05.1A31-197       572         04.V13.14.090       545       04S155093       546       05.1A31-243       572         04.V13.14.100       545       04S155093-1       546       05.1A32-197       572         04.V13.15.090       545       04S155120       546       05.1A32-243       572         04.V13.15.100       545       04S155120-1       546       05.1B31-197       572         04.V13.16.090       545       04S156093       546       05.1B31-243       572         04.V13.16.100       545       04S156093-1       546       05.1B32-197       572         04.W13.14.090       545       04S156120       546       05.1B32-243       572	04.KK454250		04GSSGS-L-GK			564
04.KWBM200       216       04GSSVS-R-GK       110,120       05.18164       564         04.MAG100/30       502       04MB100       459       05.18165       564         04.RC.01       496       04ML100       459       05.18166       564         04.RC.02       496       04MLF100       459       05.1A31-197       572         04.V13.14.090       545       04S155093       546       05.1A31-243       572         04.V13.14.100       545       04S155093-1       546       05.1A32-197       572         04.V13.15.090       545       04S155120       546       05.1A32-243       572         04.V13.15.100       545       04S155120-1       546       05.1B31-197       572         04.V13.16.090       545       04S156093       546       05.1B31-243       572         04.V13.16.100       545       04S156093-1       546       05.1B32-197       572         04.W13.14.090       545       04S156120       546       05.1B32-243       572						
04.MAG100/30       502       04MB100       459       05.18165       564         04.RC.01       496       04ML100       459       05.18166       564         04.RC.02       496       04MLF100       459       05.1A31-197       572         04.V13.14.090       545       04S155093       546       05.1A31-243       572         04.V13.14.100       545       04S155093-1       546       05.1A32-197       572         04.V13.15.090       545       04S155120       546       05.1A32-243       572         04.V13.15.100       545       04S155120-1       546       05.1B31-197       572         04.V13.16.090       545       04S156093       546       05.1B31-243       572         04.V13.16.100       545       04S156093-1       546       05.1B32-197       572         04.W13.14.090       545       04S156120       546       05.1B32-243       572						
04.RC.01       496       04ML100       459       05.18166       564         04.RC.02       496       04MLF100       459       05.1A31-197       572         04.V13.14.090       545       04S155093       546       05.1A31-243       572         04.V13.14.100       545       04S155093-1       546       05.1A32-197       572         04.V13.15.090       545       04S155120       546       05.1A32-243       572         04.V13.15.100       545       04S155120-1       546       05.1B31-197       572         04.V13.16.090       545       04S156093       546       05.1B31-243       572         04.V13.16.100       545       04S156093-1       546       05.1B32-197       572         04.W13.14.090       545       04S156120       546       05.1B32-243       572						
04.RC.02       496       04MLF100       459       05.1A31-197       572         04.V13.14.090       545       04S155093       546       05.1A31-243       572         04.V13.14.100       545       04S155093-1       546       05.1A32-197       572         04.V13.15.090       545       04S155120       546       05.1A32-243       572         04.V13.15.100       545       04S155120-1       546       05.1B31-197       572         04.V13.16.090       545       04S156093       546       05.1B31-243       572         04.V13.16.100       545       04S156093-1       546       05.1B32-197       572         04.W13.14.090       545       04S156120       546       05.1B32-243       572						
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146-140-200         51         168-146-75         57         198-144-75         63           146-141-100         51         170/0320V10         86         198-146-100         63           146-141-100         51         170/0520V10         86         198-146-100         63           146-141-200         51         170/0500V10         86         198-146-20         63           146-141-75         51         170/0220V10         86         20-400.060         64           146-142-100         51,93         170/2210V10         86         20-400.085         64           146-142-150         51         1708LH100         91,133         20-400.085         64           146-142-150         51         1708LH100         91,133         20-400.185         64           146-142-75         51         1708LH200         91,133         20-400.085         64           146-142-75         51         1708LH200         91,133         20-400.085         64           1478LH100         83,131         1718LH200         91,133         20-400.085         64           1478LH200         83,131         1718LH200         91,133         20-600.050         98           1478LH200 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td></td<>						
146-141-150 51 1700040V10 86 198-146-150 63 146-141-150 51 1700600V10 86 198-146-150 63 146-141-150 51 170010V10 86 198-146-200 63 146-141-200 51 1700112V10 86 198-146-75 63 146-142-100 51, 701112V10 86 20,400,600 64 146-142-100 51,493 17004210V10 86 20,400,600 64 146-142-150 51 1708LH150 91,133 20,400,135 64 146-142-200 51 1708LH150 91,133 20,400,135 64 146-142-75 51 1708LH150 91,133 20,400,135 64 146-142-75 51 1708LH150 91,133 20,400,135 64 1478LH100 83,131 1708LH75 91,133 20,450,060 64 1478LH100 83,131 1718LH150 91,133 20,600,030 98 1478LH150 83,131 1718LH150 91,133 20,600,050 98 1478LH20 83,131 1718LH150 91,133 20,600,050 98 1478LH20 83,131 1718LH200 91,133 20,600,050 98 1498LH150 83,131 1718LH200 91,133 20,600,050 98 1498LH150 83,131 1718LH200 91,133 20,600,055 64 1498LH150 83,131 1718LH200 91,133 20,600,055 98 1498LH50 83,131 1728LH150 91,133 20,600,055 98 1498LH50 83,131 1728LH150 91,133 20,600,055 98 1498LH50 83,131 1728LH150 91,133 20,600,055 98 1498LH50 91,133 1728LH50 91,133 20,600,055 98 1498LH50 91,133 1728LH50 91,133 20,600,055 99 1538LH200 91,133 1728LH50 91,133 20,600,055 99 1538LH50 91,133 1728LH50 91,133 20,600,055 99 1538LH50 91,133 1728LH50 91,133 20,600,055 99 1538LH50 91,133 1800/204V10 87 30,050,055 99 1538LH50 91,133 1800/204V10 87 30,050,055 99 1538LH50 91,133 1800/214V10 87 30,050,055 99 1538LH50 91,133 1800/214V10 87 30,050,050 99 1538LH50 91,133 1800/214V10 97 30,100,050 99 1538LH50 91,133 1800/214V10 97 30,10	146-140-200					
146-141-100         51         17/00320V10         86         198-146-150         63           146-141-150         51         17/00600V10         86         198-146-200         63           146-141-200         51         17/0112V10         86         198-146-75         63           146-142-100         51,493         17/0212V10         86         20,400.065         64           146-142-150         51         17/08LH100         91,133         20,400.155         64           146-142-75         51         17/08LH100         91,133         20,400.155         64           146-142-75         51         17/08LH100         91,133         20,400.015         64           1478LH100         83,131         17/18LH100         91,133         20,450.060         64           1478LH200         83,131         17/18LH150         91,133         20,450.085         64           1478LH75         83,131         17/18LH150         91,133         20,600.030         98           1478LH200         83,131         17/18LH150         91,133         20,600.050         98           1498LH200         83,131         17/18LH150         91,133         20,600.050         98           1498LH50						
146-141-200         51         170/112/10         86         198-146-75         63           146-141-75         51         170/22/20/10         86         20.400.060         64           146-142-100         51,493         170/42/10/10         86         20.400.085         64           146-142-200         51         1708H100         91,133         20.400.185         64           146-142-275         51         1708H170         91,133         20.450.060         64           1478H1100         83,131         1708H70         91,133         20.450.060         64           1478H150         83,131         1718H170         91,133         20.450.060         64           1478H150         83,131         1718H170         91,133         20.600.050         98           1478H175         83,131         1718H170         91,133         20.600.050         98           1478H170         83,131         1718H170         91,133         20.600.050         98           1478H170         83,131         1718H170         91,133         20.600.055         98           1498H170         83,131         1728H170         91,133         20.600.075         98           1498H150         <	146-141-100	51	170/0320V10	86	198-146-150	
145-147-75	146-141-150	51	170/0600V10	86	198-146-200	63
145-142-100         51,493         170/4210V10         86         20,400,085         64           146-142-150         51         1708LH100         91,133         20,400,185         64           146-142-75         51         1708LH150         91,133         20,400,085         64           146-142-75         51         1708LH200         91,133         20,400,085         64           147BLH100         83,131         1708LH200         91,133         20,400,085         64           147BLH200         83,131         1718LH150         91,133         20,600,030         98           147BLH200         83,131         1718LH200         91,133         20,600,050         98           147BLH200         83,131         1718LH200         91,133         20,600,050         98           149BLH100         83,131         1718LH200         91,133         20,600,055         98           149BLH200         83,131         1728LH200         91,133         20,600,055         98           149BLH50         83,131         1728LH200         91,133         20,600,055         98           149BLH50         83,131         1728LH50         91,133         20,600,055         98           149BLH	146-141-200	51	170/1112V10	86	198-146-75	63
146-142-150	146-141-75	51	170/2220V10	86	20.400.060	64
145-142-200   51   170BLH150   91,133   20.400.185   64   146-142-75   51   170BLH200   91,133   20.450.060   64   147BLH100   83,131   170BLH200   91,133   20.450.085   64   147BLH150   83,131   171BLH100   91,133   20.600.030   98   147BLH200   83,131   171BLH150   91,133   20.600.030   98   147BLH200   83,131   171BLH200   91,133   20.600.050   64   149BLH100   83,131   171BLH75   91,133   20.600.050   64   149BLH100   83,131   171BLH75   91,133   20.600.075   98   149BLH50   83,131   172BLH100   91,133   20.600.075   98   149BLH50   83,131   172BLH150   91,133   20.600.125   98   149BLH50   83,131   172BLH150   91,133   20.600.125   98   149BLH50   83,131   172BLH50   91,133   20.600.125   98   149BLH50   91,133   172BLH50   91,133   20.600.075   99   153BLH50   91,133   172BLH75   91,133   20.900.060   64   150	146-142-100	51,493			20.400.085	64
145-142-75						
1478LH100						
1478LH150						
1478LH200         83,131         1718LH150         91,133         20,600,050         68           1478LH75         83,131         1718LH200         91,133         20,600,050         64           1498LH100         83,131         1718LH75         91,133         20,600,075         98           1498LH200         83,131         1728LH100         91,133         20,600,085         64           1498LH50         83,131         1728LH200         91,133         20,600,175         98           1498LH50         83,131         1728LH200         91,133         20,600,175         98           1498LH50         83,131         1728LH200         91,133         20,600,175         98           1498LH50         91,133         1728LH75         91,133         20,900,060         64           150         91,133         1728LH75         91,133         20,900,060         64           1538LH50         91,133         1742-07         251         2494         315           1538LH50         91,133         180/221V10         87         30,050,075         99           1538LH50         91,133         180/21V1V10         87         30,050,125         99           1538LH50         9						
1478LH75         83,131         1718LH200         91,133         20,600,060         64           1498LH100         83,131         1718LH75         91,133         20,600,075         98           1498LH150         83,131         1728LH100         91,133         20,600,075         98           1498LH200         83,131         1728LH150         91,133         20,600,175         98           1498LH75         83,131         1728LH200         91,133         20,600,175         98           1498LH75         83,131         1728LH200         91,133         20,900,060         64           150         91,133         1728LH75         91,133         20,900,085         64           1538LH150         91,133         1741-07         251         2494         315           1538LH50         91,133         1800/221V10         87         30,050,050         99           1538LH50         91,133         180/2240V10         87         30,050,125         99           1538LH50         91,133         180/221V10         87         30,050,125         99           1538LH50         91,133         180/211V10         87         30,050,125         99           1558LH50         91,1						
1498LH100         83,131         1718LH75         91,133         20.600.075         98           1498LH150         83,131         1728LH100         91,133         20.600.085         64           1498LH200         83,131         1728LH150         91,133         20.600.015         98           1498LH75         83,131         1728LH200         91,133         20.600.175         98           1498LH75         83,131         1728LH76         91,133         20.900.060         64           150         91,133         1728LH76         91,133         20.900.085         64           1538LH100         91,133         1741-07         251         2494         315           1538LH200         91,133         180/0221V10         87         30.050.05         99           1538LH200         91,133         180/0240V10         87         30.050.075         99           1538LH50         91,133         180/2240V10         87         30.050.05         99           1538LH50         91,133         180/221V10         87         30.050.05         99           1558LH75         91,133         180/221V10         87         30.075.05         99           1558LH75         91,133 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
149BLH150         83,131         172BLH100         91,133         20,600,085         64           149BLH200         83,131         172BLH150         91,133         20,600,125         98           149BLH50         83,131         172BLH200         91,133         20,600,175         98           149BLH75         83,131         172BLH50         91,133         20,900,060         64           150         91,133         172BLH75         91,133         20,900,085         64           153BLH100         91,133         1744-07         251         2494         315           153BLH200         91,133         180/021V10         87         30,050,050         99           153BLH50         91,133         180/021V10         87         30,050,125         99           153BLH50         91,133         180/221V10         87         30,050,125         99           153BLH50         91,133         180/221V10         87         30,050,125         99           155BLH75         91,133         180/221V10         87         30,075,050         99           155BLH760         91,133         180/321V10         87         30,075,075         99           155BLH75         91,133						
1498LH200         83,131         1728LH150         91,133         20.600.125         98           1498LH50         83,131         1728LH200         91,133         20.600.175         98           1498LH75         83,131         1728LH50         91,133         20.900.060         64           150         91,133         172BLH75         91,133         20.900.085         64           1538LH100         91,133         1741-07         251         2494         315           1538LH200         91,133         180/0221V10         87         30.050.075         99           1538LH50         91,133         180/0221V10         87         30.050.075         99           1538LH50         91,133         180/221V10         87         30.050.075         99           1538LH50         91,133         180/221V10         87         30.050.05         99           1558LH50         91,133         180/221V10         87         30.050.30         99           1558LH50         91,133         180/221V10         87         30.075.075         99           1558LH50         91,133         180/221V10         87         30.075.175         99           1558LH75         91,133						
149BLH50     83,131     172BLH200     91,133     20,600,175     98       149BLH75     83,131     172BLH50     91,133     20,900,060     64       150     91,133     172BLH75     91,133     20,900,085     64       153BLH100     91,133     1741-07     251     2494     315       153BLH200     91,133     1742-07     251     30,050,050     99       153BLH50     91,133     180/0221V10     87     30,050,075     99       153BLH75     91,133     180/0240V10     87     30,050,125     99       153BLH75     91,133     180/221V10     87     30,050,125     99       155BLH75     91,133     180/221V10     87     30,075,050     99       155BLH150     91,133     180/221V10     87     30,075,075     99       155BLH75     91,133     180/221V10     87     30,075,075     99       155BLH75     91,133     180/321V10     87     30,075,075     99       155BLH75     91,133     180/41V10     87     30,075,175     99       159BLH75     91,133     181BLH75     97     30,075,175     99       159BLH75     91,133     182BLH75     97     30,100,050     65 </td <td></td> <td>•</td> <td></td> <td>'</td> <td></td> <td></td>		•		'		
149BLH75         83,131         172BLH50         91,133         20.900.060         64           150         91,133         172BLH75         91,133         20.900.085         64           153BLH100         91,133         1741-07         251         2494         315           153BLH150         91,133         1742-07         251         30.050.050         99           153BLH200         91,133         180/0221V10         87         30.050.075         99           153BLH50         91,133         180/221V10         87         30.050.05         99           153BLH50         91,133         180/21V10         87         30.050.30         99           153BLH75         91,133         180/21V10         87         30.075.05         99           155BLH70         91,133         180/21V10         87         30.075.05         99           155BLH70         91,133         180/21V10         87         30.075.05         99           155BLH75         91,133         180/32V11V10         87         30.075.075         99           155BLH200         91,133         180H75         97         30.075.175         99           155BLH75         91,133         181BLH100						
150         91,133         172BLH75         91,133         20,900.085         64           153BLH100         91,133         1741-07         251         2494         315           153BLH200         91,133         1742-07         251         30,050.075         99           153BLH200         91,133         180/0221V10         87         30,050.075         99           153BLH50         91,133         180/221V10         87         30,050.30         99           153BLH75         91,133         180/2121V10         87         30,050.30         99           155BLH100         91,133         180/2211V10         87         30,075.075         99           155BLH200         91,133         180/2211V10         87         30,075.075         99           155BLH200         91,133         180/3211V10         87         30,075.075         99           155BLH200         91,133         180BLH75         97         30,075.125         99           159BLH75         91,133         181BLH75         97         30,075.075         99           159BLH76         91,133         182BLH75         97         30,100.050         99           169BLH75         91,133         1						
153BLH100         91,133         1741-07         251         2494         315           153BLH150         91,133         1742-07         251         30.050.050         99           153BLH200         91,133         180/0221V10         87         30.050.075         99           153BLH50         91,133         180/240V10         87         30.050.30         99           153BLH75         91,133         180/2211V10         87         30.075.050         99           155BLH100         91,133         180/2211V10         87         30.075.050         99           155BLH200         91,133         180/2311V10         87         30.075.075         99           155BLH200         91,133         180/4310V10         87         30.075.075         99           155BLH75         91,133         180BLH75         97         30.075.175         99           159BLH70         91,133         181BLH75         97         30.075.30         99           159BLH75         91,133         181BLH75         97         30.100.050         99           159BLH75         91,133         182BLH100         97         30.100.050         99           161BLH50         91,133		91,133				
153BLH200     91,133     180/0221V10     87     30.050.075     99       153BLH50     91,133     180/2040V10     87     30.050.125     99       153BLH75     91,133     180/2121V10     87     30.050.30     99       155BLH100     91,133     180/2211IV10     87     30.075.050     99       155BLH200     91,133     180/321IV10     87     30.075.075     99       155BLH75     91,133     180BLH75     97     30.075.175     99       159BLH00     91,133     181BLH00     97     30.075.30     99       159BLH50     91,133     181BLH75     97     30.100.050     99       159BLH75     91,133     182BLH100     97     30.100.050     99       159BLH75     91,133     182BLH100     97     30.100.050     99       159BLH75     91,133     182BLH100     97     30.100.050     99       161BLH100     91,133     183BLH75     97     30.100.075     99       161BLH150     91,133     183BLH50     97     30.100.125     99       161BLH50     91,133     183BLH75     97     30.100.135     65       16BLH75     91,133     184BLH00     97     30.100.175     99 <td>153BLH100</td> <td>91,133</td> <td>1741-07</td> <td></td> <td>2494</td> <td>315</td>	153BLH100	91,133	1741-07		2494	315
153BLH50         91,133         180/2040V10         87         30.050.125         99           153BLH75         91,133         180/2121V10         87         30.050.30         99           155BLH100         91,133         180/2211V10         87         30.075.050         99           155BLH200         91,133         180/3211V10         87         30.075.055         99           155BLH200         91,133         180/4310V10         87         30.075.125         99           155BLH75         91,133         180BLH75         97         30.075.175         99           159BLH00         91,133         181BLH100         97         30.075.30         99           159BLH75         91,133         181BLH75         97         30.100.050         99           159BLH75         91,133         182BLH75         97         30.100.050         99           159BLH75         91,133         183BLH100         97         30.100.050         99           159BLH76         91,133         183BLH150         97         30.100.075         99           161BLH00         91,133         183BLH150         97         30.100.125         99           161BLH20         91,133         <	153BLH150	91,133	1742-07	251	30.050.050	99
153BLH75         91,133         180/2121V10         87         30.050.30         99           155BLH100         91,133         180/2211IV10         87         30.075.050         99           155BLH50         91,133         180/3211V10         87         30.075.075         99           155BLH200         91,133         180/4310V10         87         30.075.125         99           155BLH75         91,133         180BLH75         97         30.075.30         99           159BLH50         91,133         181BLH100         97         30.100.050         99           159BLH75         91,133         182BLH75         97         30.100.050         99           159BLH75         91,133         182BLH75         97         30.100.050         99           159BLH75         91,133         182BLH75         97         30.100.060         65           160         103         182BLH75         97         30.100.075         99           161BLH100         91,133         183BLH200         97         30.100.125         99           161BLH50         91,133         183BLH75         97         30.100.175         99           161BLH75         91,133         184BLH100	153BLH200	91,133	180/0221V10	87	30.050.075	99
155BLH100       91,133       180/22111V10       87       30.075.050       99         155BLH150       91,133       180/3211V10       87       30.075.075       99         155BLH200       91,133       180/4310V10       87       30.075.125       99         155BLH75       91,133       180BLH75       97       30.075.175       99         159BLH100       91,133       181BLH100       97       30.075.30       99         159BLH75       91,133       181BLH75       97       30.100.050       99         159BLH75       91,133       182BLH100       97       30.100.060       65         160       103       182BLH75       97       30.100.065       65         161BLH100       91,133       183BLH100       97       30.100.075       99         161BLH200       91,133       183BLH200       97       30.100.125       99         161BLH50       91,133       183BLH75       97       30.100.175       99         166BLH100       91,133       184BLH100       97       30.100.185       65         166BLH200       91,133       184BLH75       97       30.100.30       99         166BLH75       91,133						
155BLH150       91,133       180/3211V10       87       30.075.075       99         155BLH200       91,133       180/4310V10       87       30.075.125       99         155BLH75       91,133       180BLH75       97       30.075.175       99         159BLH100       91,133       181BLH100       97       30.075.30       99         159BLH50       91,133       181BLH75       97       30.100.050       99         159BLH75       91,133       182BLH100       97       30.100.060       65         160       103       182BLH75       97       30.100.075       99         161BLH100       91,133       183BLH100       97       30.100.085       65         161BLH200       91,133       183BLH200       97       30.100.125       99         161BLH50       91,133       183BLH75       97       30.100.135       65         161BLH50       91,133       184BLH100       97       30.100.15       99         166BLH100       91,133       184BLH100       97       30.100.30       99         166BLH200       91,133       184BLH200       97       30.100.30       99         166BLH75       91,133 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td></t<>						
155BLH200       91,133       180/4310V10       87       30.075.125       99         155BLH75       91,133       180BLH75       97       30.075.175       99         159BLH100       91,133       181BLH100       97       30.075.30       99         159BLH50       91,133       181BLH75       97       30.100.050       99         159BLH75       91,133       182BLH100       97       30.100.060       65         160       103       182BLH75       97       30.100.075       99         161BLH100       91,133       183BLH100       97       30.100.085       65         161BLH200       91,133       183BLH200       97       30.100.125       99         161BLH50       91,133       183BLH75       97       30.100.135       65         161BLH75       91,133       184BLH100       97       30.100.175       99         166BLH100       91,133       184BLH100       97       30.100.30       99         166BLH200       91,133       184BLH200       97       30.105.050       99         166BLH75       91,133       184BLH75       97       30.150.050       99         166BLH75       91,133						
155BLH75       91,133       180BLH75       97       30.075.175       99         159BLH100       91,133       181BLH100       97       30.075.30       99         159BLH50       91,133       181BLH75       97       30.100.050       99         159BLH75       91,133       182BLH100       97       30.100.060       65         160       103       182BLH75       97       30.100.075       99         161BLH100       91,133       183BLH100       97       30.100.085       65         161BLH200       91,133       183BLH200       97       30.100.125       99         161BLH50       91,133       183BLH75       97       30.100.135       65         161BLH75       91,133       184BLH100       97       30.100.175       99         166BLH100       91,133       184BLH150       97       30.100.30       99         166BLH150       91,133       184BLH200       97       30.125.175       99         166BLH200       91,133       184BLH75       97       30.150.050       99         166BLH75       91,133       184BLH75       97       30.150.050       99						
159BLH100       91,133       181BLH100       97       30.075.30       99         159BLH50       91,133       181BLH75       97       30.100.050       99         159BLH75       91,133       182BLH100       97       30.100.060       65         160       103       182BLH75       97       30.100.075       99         161BLH100       91,133       183BLH100       97       30.100.085       65         161BLH200       91,133       183BLH200       97       30.100.125       99         161BLH50       91,133       183BLH75       97       30.100.175       99         161BLH75       91,133       184BLH100       97       30.100.175       99         166BLH100       91,133       184BLH150       97       30.100.30       99         166BLH150       91,133       184BLH200       97       30.100.30       99         166BLH200       91,133       184BLH75       97       30.150.050       99         166BLH75       91,133       184BLH75       97       30.150.050       99						
159BLH50       91,133       181BLH75       97       30.100.050       99         159BLH75       91,133       182BLH100       97       30.100.060       65         160       103       182BLH75       97       30.100.075       99         161BLH100       91,133       183BLH100       97       30.100.085       65         161BLH200       91,133       183BLH200       97       30.100.125       99         161BLH50       91,133       183BLH75       97       30.100.135       65         161BLH75       91,133       184BLH100       97       30.100.175       99         166BLH100       91,133       184BLH150       97       30.100.30       99         166BLH150       91,133       184BLH200       97       30.100.30       99         166BLH200       91,133       184BLH75       97       30.150.050       99         166BLH75       91,133       184BLH75       97       30.150.050       65						
159BLH75     91,133     182BLH100     97     30.100.060     65       160     103     182BLH75     97     30.100.075     99       161BLH100     91,133     183BLH100     97     30.100.085     65       161BLH200     91,133     183BLH200     97     30.100.125     99       161BLH50     91,133     183BLH75     97     30.100.135     65       161BLH75     91,133     184BLH100     97     30.100.185     65       166BLH100     91,133     184BLH150     97     30.100.30     99       166BLH150     91,133     184BLH200     97     30.125.175     99       166BLH200     91,133     184BLH75     97     30.150.050     99       166BLH75     91,133     184BLH75     97     30.150.050     99						
160     103     182BLH75     97     30.100.075     99       161BLH100     91,133     183BLH100     97     30.100.085     65       161BLH150     91,133     183BLH150     97     30.100.125     99       161BLH200     91,133     183BLH200     97     30.100.135     65       161BLH50     91,133     183BLH75     97     30.100.175     99       161BLH75     91,133     184BLH100     97     30.100.185     65       166BLH100     91,133     184BLH150     97     30.100.30     99       166BLH200     91,133     184BLH200     97     30.125.175     99       166BLH200     91,133     184BLH75     97     30.150.050     99       166BLH75     91,133     185BLH100     97     30.150.050     65						
161BLH100     91,133     183BLH100     97     30.100.085     65       161BLH150     91,133     183BLH150     97     30.100.125     99       161BLH200     91,133     183BLH200     97     30.100.135     65       161BLH50     91,133     183BLH75     97     30.100.175     99       161BLH75     91,133     184BLH100     97     30.100.185     65       166BLH100     91,133     184BLH150     97     30.100.30     99       166BLH150     91,133     184BLH200     97     30.125.175     99       166BLH200     91,133     184BLH75     97     30.150.050     99       166BLH75     91,133     185BLH100     97     30.150.060     65						
161BLH150     91,133     183BLH150     97     30.100.125     99       161BLH200     91,133     183BLH200     97     30.100.135     65       161BLH50     91,133     183BLH75     97     30.100.175     99       161BLH75     91,133     184BLH100     97     30.100.185     65       166BLH100     91,133     184BLH150     97     30.100.30     99       166BLH150     91,133     184BLH200     97     30.125.175     99       166BLH200     91,133     184BLH75     97     30.150.050     99       166BLH75     91,133     185BLH100     97     30.150.060     65						
161BLH200     91,133     183BLH200     97     30.100.135     65       161BLH50     91,133     183BLH75     97     30.100.175     99       161BLH75     91,133     184BLH100     97     30.100.185     65       166BLH100     91,133     184BLH150     97     30.100.30     99       166BLH150     91,133     184BLH200     97     30.125.175     99       166BLH200     91,133     184BLH75     97     30.150.050     99       166BLH75     91,133     185BLH100     97     30.150.060     65						
161BLH50     91,133     183BLH75     97     30.100.175     99       161BLH75     91,133     184BLH100     97     30.100.185     65       166BLH100     91,133     184BLH150     97     30.100.30     99       166BLH150     91,133     184BLH200     97     30.125.175     99       166BLH200     91,133     184BLH75     97     30.150.050     99       166BLH75     91,133     185BLH100     97     30.150.060     65				97		
166BLH100     91,133     184BLH150     97     30.100.30     99       166BLH150     91,133     184BLH200     97     30.125.175     99       166BLH200     91,133     184BLH75     97     30.150.050     99       166BLH75     91,133     185BLH100     97     30.150.060     65	161BLH50			97	30.100.175	
166BLH150     91,133     184BLH200     97     30.125.175     99       166BLH200     91,133     184BLH75     97     30.150.050     99       166BLH75     91,133     185BLH100     97     30.150.060     65				97		65
166BLH200     91,133     184BLH75     97     30.150.050     99       166BLH75     91,133     185BLH100     97     30.150.060     65	166BLH100		184BLH150	97	30.100.30	99
166BLH75 91,133 185BLH100 97 30.150.060 65						
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40.421	50	4175KL90G	346	4C200-5	351
40.421-75	50	4175KU60G	347	4C200-6	351
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4XXXXXMBL100	344,417	56.01.40	152	60.068.150VA	53,186,188,477,533
4XXXXXML100	459	56.01.50	152	60.068.150VA-75	53,186,188,477,533
4XXXXXMLF100	459	56.02.25	152	60.068.200VA	53,186,188,477,533
4XXXXXMLL100 50.002.070	344,417 104	56.02.30 56.02.40	152 152	60.068.200VA-75 60.068.250VA	53,186,188,477,533 53,186,188,477,533
50.003.046	104	56.02.50	152	60.068.250VA-75	53,186,188,477,533
50.004.034	104	56.02.60	152	60.068.300VA	53,186,188,477,533
50.100.KTK1	105	56.03.30	152	60.068.300VA-75	53,186,188,477,533
50.100.KTK2	105 104	56.03.40 56.03.50	152 152	60.070.AZ VA 60.095.100VA	103 163
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50.700.KTK2	105	57.01.03	153	60.098.100VA-75	59,478,534,536
50.700.MP	104	57.01.04	153	60.098.150VA	59,164,167,478,534,536
500/0900V10 500/1222V10	74 74	57.01.05 57.01.06	153 153	60.098.150VA-75 60.098.200VA	59,478,534,536 59,164,167,478,534,536
500/1223V10	74	57.01.08	153	60.098.200VA-75	59,478,534,536
500/1231V10	74	57.01.100	152	60.098.250VA	59,478,534,536
500/3131V10	74	57.01.32	152	60.098.250VA-75	59,478,534,536
500/4302V10	74	57.01.40	152	60.098.300VA	59,478,534,536
50002070SE 50003046SE	104 104	57.01.50 57.01.63	152 152	60.098.300VA-75 60.10.050V07	59,478,534,536 85,132
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51.002.070	104	580.0111V86	158,160	60.10.100V10	85,132
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53.150	260,353,416	5914	250	60.10.300V30	85
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53.150.075.65 53.150.150.30	105 105	60.038.100VA 60.038.150VA	260,352 260,352	60.10.40V18CNC 60.100.AZ VA	85,135 103
53.150.150.65	105	60.046.075VA	47,184,188,260,352,476,480,	60.100.AZ VA	72,74,78,80,82,86,88,90,94,96
53.300	260,353,416		481,488,532	60.13.075V10	93
530.111V	261,353	60.046.100VA	47,184,188,260,352,476,480,	60.13.100V18	93
5307507530SE	105	60.046.100\/4.75	481,488,532	60.13.125V18	93
5307507565SE 5315007530SE	105 105	60.046.100VA-75	47,184,188,476,480,481, 488,532	60.13.150V18 60.13.175V18	93 93
53150075565SE	105	60.046.150VA	47,184,188,260,352,476,480,	60.13.200V18	93
5315015030SE	105		481,488,532	60.13.250V18	93
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	129	T03.15.30	429		
	129	T03.15.40	385,391,429		
	129	T03.15.50	385,391,429		
	136	T03.1560.30	429		
	136	T03.1560.40	429		
	136	T03.1560.50	429 429		
	136 136	T03.1590.30 T03.1590.40	429 391,429		
	136	T03.1590.40	391,429 391,429		
	136	T03.20.30	429		
	136	T03.20.40	385,391,429		
			555,551,125		

