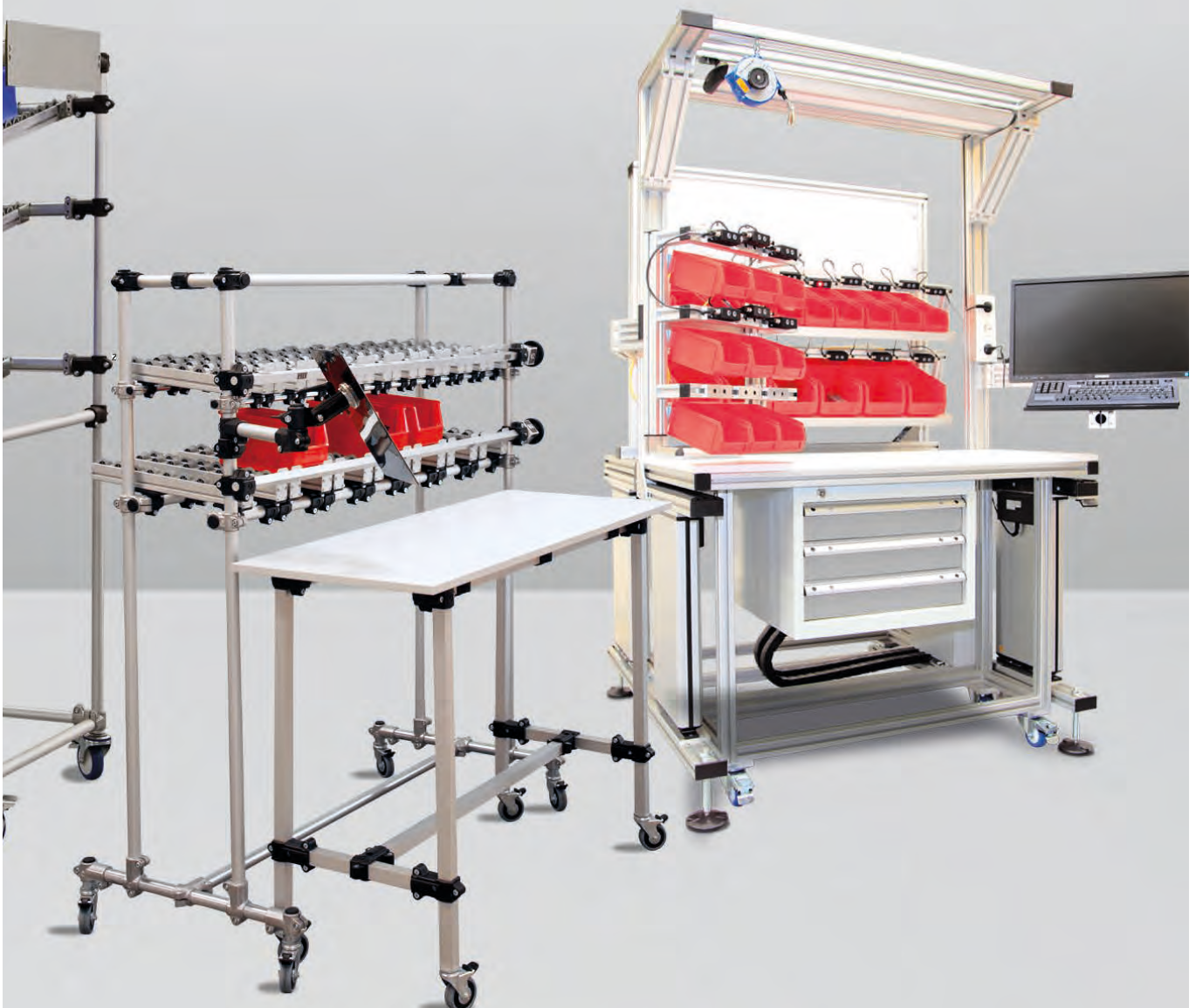**RK ROSE+KRIEGER**

A Phoenix Mecano Company

RK LEAN-Solution
# & RK Easywork

Tailored to your production process

LEAN production

Lean production is the reduction of the 7 forms of waste (overproduction, waiting time, transportation, unnecessary processing, stocks, movement, rejects/reworking). A number of methods help to achieve shorter lead times and delivery times and significantly lower stock levels.
We at RK Rose+Krieger would like to provide you with support for your optimisation plans by constructing your workstations, shelves or transport trolleys in accordance with your concepts and lean and ergonomics principles so that they are adapted ideally to the process, material and personnel.
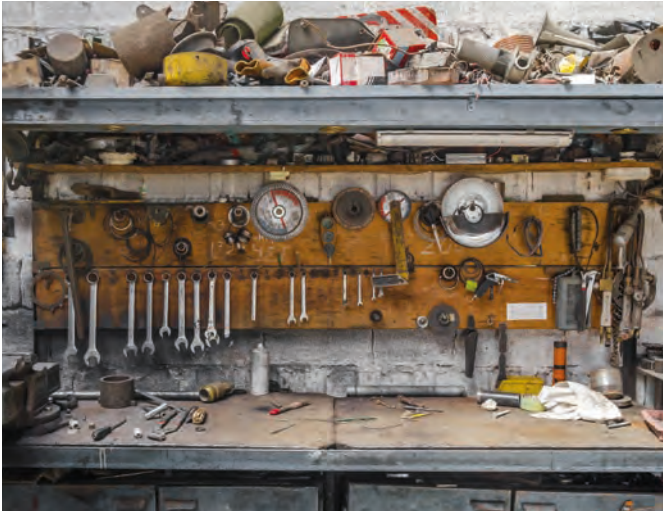We also offer you optimised and individual transport trolleys, material supply using Kanban, or a combination of all of the above.
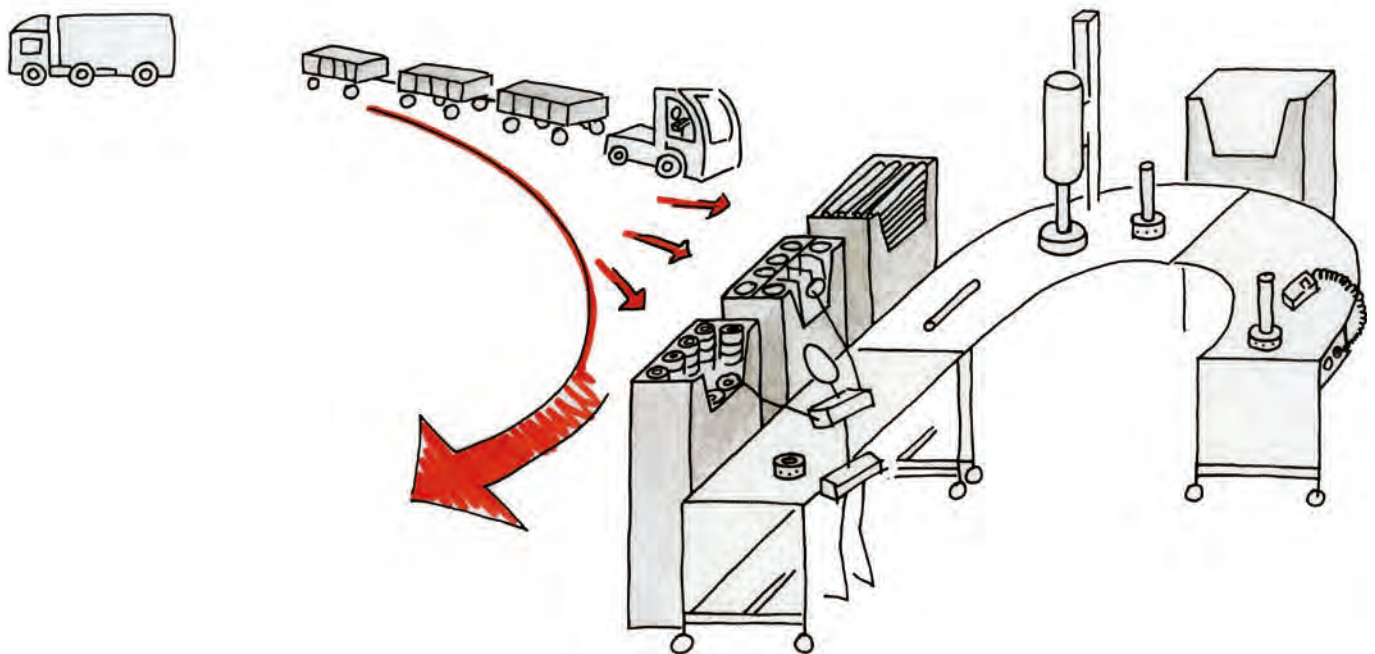
Yesterday's workstations

Static, non-modifiable working environments. Employees had little to no options for making changes or adjustments.
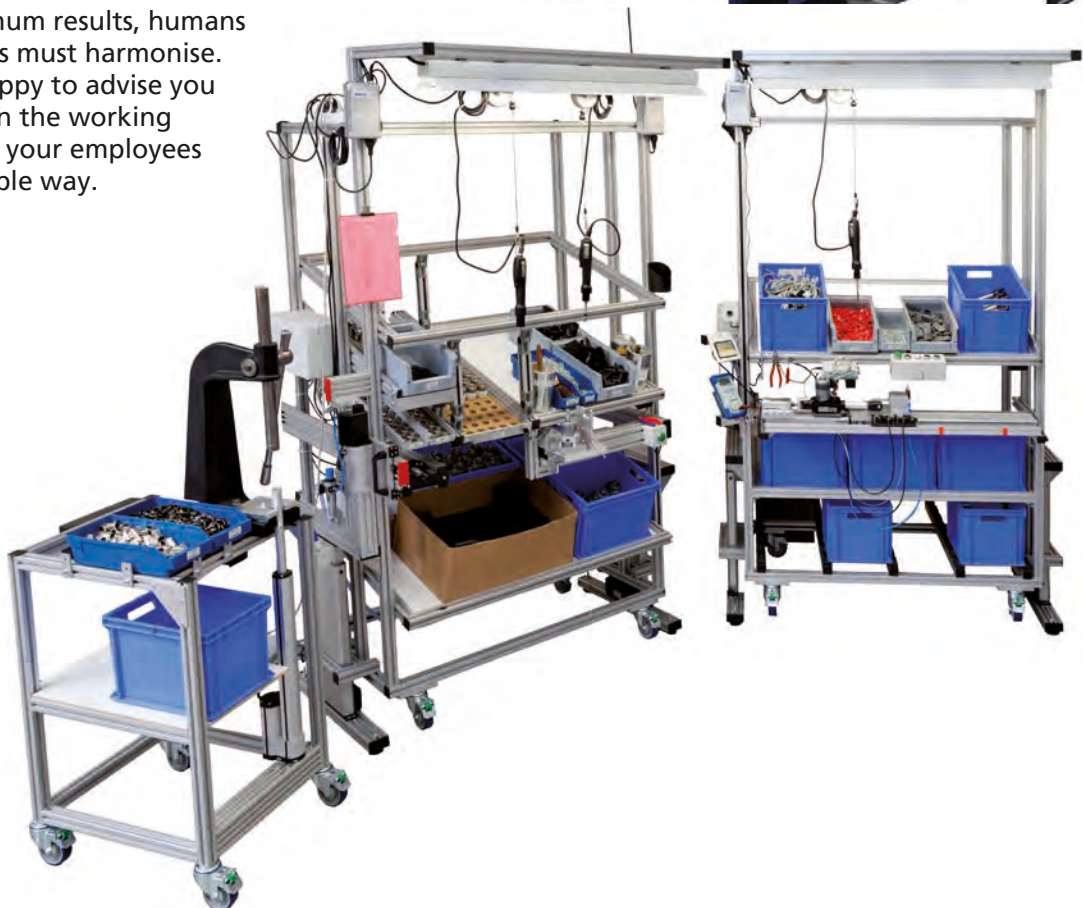
Today's workstations

The working environment adapts to constant changes. Employees constantly improve work procedures.

To achieve optimum results, humans and workstations must harmonise. We would be happy to advise you on how to design the working environment for your employees in the best possible way.

RK LEAN-Solution Workshops

Raise production processes to a new level through effective LEAN management

RK Rose+Krieger, your expert for ergonomic lean (assembly) workstations, now also offers one-day LEAN solutions workshops where your employees actively participate in workplace development. Our aim is to reduce one-piece flow processing times, reduce waste and increase productivity.

During the LEAN solutions workshops, the team develops a wood and cardboard model of the future workstation.

LEAN solutions workshop - your benefits

- Staff experience is utilised, acceptance of change is encouraged
- Realistic simulations of the concept (cardboard engineering)
- Less space required
- Reduction in inventory and intermediate storage
- Shorter processing times
- Increased productivity
- Reduction in overall costs
- Ergonomics at the workstation, positive influence on the performance and health of employees

Cardboard Engineering

- Our specialised LEAN consultants analyse the production and logistics at the current workstation together with your affected employees and then develop a concept for the future lean workstation.

- With the help of cardboard engineering, together we implement a realistic simulation of the concept as a 1:1 scale model made of wood and cardboard.

- At this cardboard workstation, employees can produce and keep improving it until everyone is happy with the processes and the results.

- In doing so, we optimise the material flow, the load carrier dimensioning and the ergonomics of material provision, each of which is precisely tailored to your individual needs.

- Those affected become participants in this method and bring their creativity, detailed knowledge and experience to the table.

- Our goal-oriented way of working will ensure that the result satisfies your requirements.

- This creates a one-piece-flow workstation that has successfully passed the practical test.

Tailor-made intralogistics

Transport trolleys

Shelves

RK LEAN-Solution

Individual workstations

Shelves

Transport trolleys

RK LEAN-Solution

The highest degree of efficiency in optimised workstations. You are familiar with your processes and your requirements. Our product specialists know the RK product portfolio. Together, we can develop the ideal solution for you. If you already have firm ideas, draw up a sketch and send it to our product specialists.
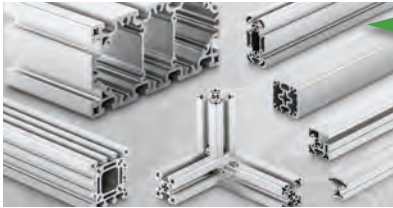

Innovative process structuring – Efficient sequences
We are happy to share our many years of experience in the field of lean production with you.

RK Easywork

The RK Easywork workstation system is based on RK Rose+Krieger's complete modular system.
We implement your ideas using our versatile RK product range.

PROFILE TECHNOLOGY

Mix'n'match

LINEAR TECHNOLOGY

Moving and positioning

CONNECTING TECHNOLOGY

Clamp and release solutions

BLOCAN® construction profiles made from aluminium and the electrically driven lifting columns offer a perfect combination for the creation of high-quality table concepts. Customers can choose between the simplest static tables or electrically height-adjustable work tables and configure their own combinations.
Are you interested in an assistance system? Contact us for further details.

Use our online configurator

- Quick and simple operation
- Selection of table systems and accessories
- Immediate generation of CAD data in native formats
- Quotations can be requested simply based on the selected components
- You receive a written quotation promptly

Workstation systems

Compilation of a workstation system

- We will be happy to help with the design of your table systems

- Please contact us at: anfrage.vertrieb@rk-online.de

  Telephone: 0571/9335-801

- Calculation details can also be found on our homepage: www.rk-rose-krieger.com/service

Work table: static

- Base frame made from profile 40 x 40 and 40 x 80

- Variable height (min. 750 mm max. 1250 mm), width and depth of the table

- ESD accessories available

- Different table top material options

- Optional portal which can be configured with accessories

- Various drawer cabinet versions
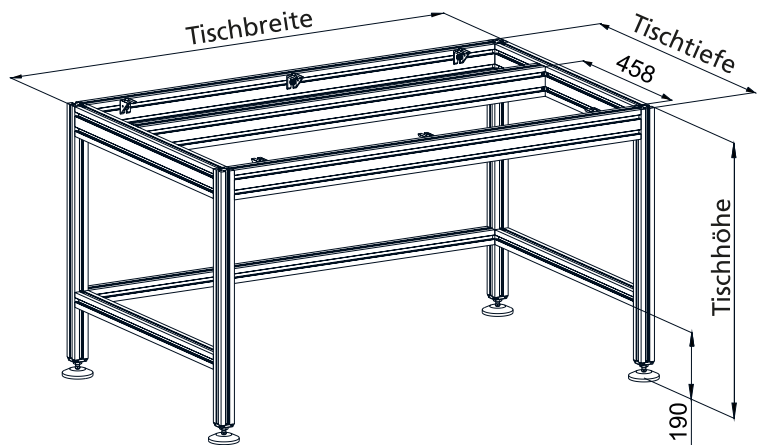
Code No.	Type RK Easywork table	Height max.	Width min.	Width max.	Depth min.	Depth max.
W10M1_ _ _ _ _ _ _ _ _ _	Static / assembled					
W10U1_ _ _ _ _ _ _ _ _ _	Static / unassembled	1250	750	2000	650	1200
W11M1_ _ _ _ _ _ _ _ _ _	Static ESD / assembled					
W11U1_ _ _ _ _ _ _ _ _ _	Static ESD / unassembled					

3. Table depth

2. Table width

1. Table height
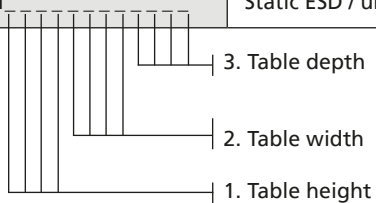
Workstation systems

## Work table: electrically height adjustable with Multilift II

Multilift II ESD
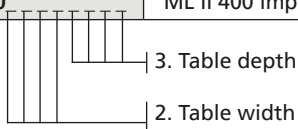(electrostatic discharge)

ESD

Multilift II impact
(integrated damping)

- Height adjustment using dual-column system (Multilift lifting columns), various designs

- Adjustment using 6-key hand switch/2-key hand switch and an electronic MultiControl synchronous controller

- Min. table height = 726 mm
  Max. table height = 1171 mm

- Wide range of configuration and equipment options, as with the static version

- Max. load: 4000 N with evenly distributed load see details, page 14
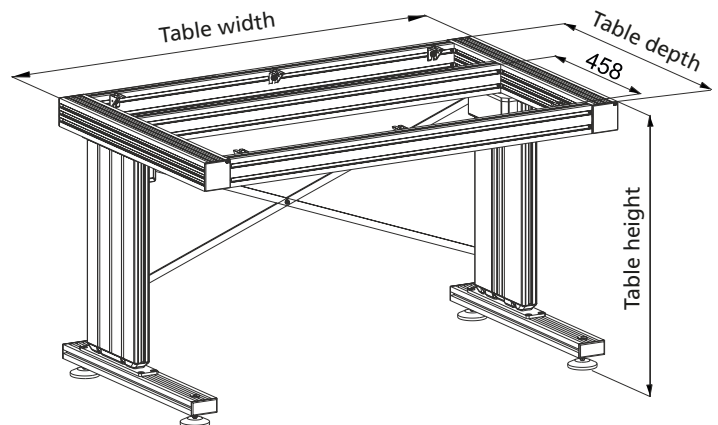
Code No.	Type RK Easywork table	Height min.	Height max.	Width min.	Width max.	Depth min.	Depth max.
W12M11081_ _ _ _ _ _ _ _	ML II 355 assembled	726	1081				
W12U11081_ _ _ _ _ _ _ _	ML II 355 unassembled	726	1081				
W12M11171_ _ _ _ _ _ _ _	ML II 400 assembled	771	1171				
W12U11171_ _ _ _ _ _ _ _	ML II 400 unassembled	771	1171				
W13M11081_ _ _ _ _ _ _ _	ML II 355 ESD assembled	726	1081				
W13U11081_ _ _ _ _ _ _ _	ML II 355 ESD unassembled	726	1081	750	2000	650	1200
W13M11171_ _ _ _ _ _ _ _	ML II 400 ESD assembled	771	1171				
W13U11171_ _ _ _ _ _ _ _	ML II 400 ESD unassembled	771	1171				
W14M11090_ _ _ _ _ _ _ _	ML II 355 impact assembled	735	1090				
W14U11090_ _ _ _ _ _ _ _	ML II 355 impact unassembled	735	1090				
W14M11180_ _ _ _ _ _ _ _	ML II 400 impact assembled	780	1180				
W14U11180	ML II 400 impact unassembled	780	1180				

3. Table depth

2. Table width

Work table:
electrically height adjustable with Multilift II telescope

Multilift II telescope

Multilift II ESD
**(electrostatic discharge)**

ESD

- Height adjustment using dual-column system (Multilift lifting columns), various designs
- Adjustment using 6-key hand switch/2-key hand switch and an electronic MultiControl synchronous controller
- Min. table height = 728 mm
  Max. table height = 1378 mm

- Wide range of configuration and equipment options, as with the static version
- Max. load: 4000 N with evenly distributed load see details, page 14

Table width — Table depth — 458 — Table height
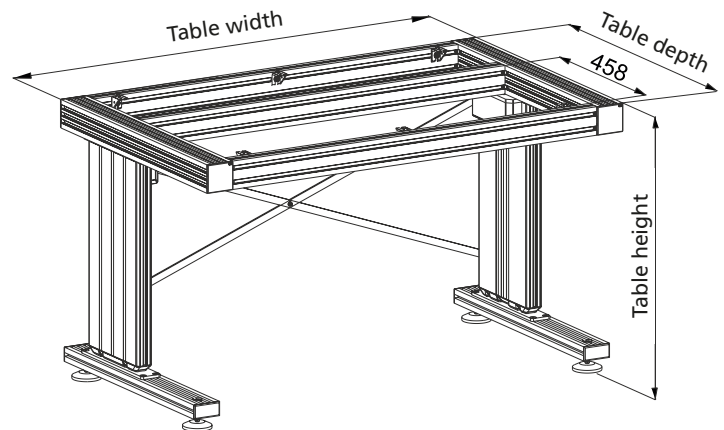
Code No.	Type RK Easywork table	Height min.	Height max.	Width min.	Width max.	Depth min.	Depth max.
W15M11378_ _ _ _ _ _ _ _	ML II telescope assembled						
W15U11378_ _ _ _ _ _ _ _	ML II telescope unassembled	728	1378	750	2000	650	1000
W16M11378_ _ _ _ _ _ _ _	ML II telescope ESD assembled						
W16U11378_ _ _ _ _ _ _ _	ML II telescope ESD unassembled						

3. Table depth

2. Table width
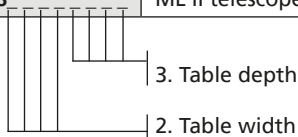
Load data

Work table: static

F_{zmax}

$F_{zmax\ c}$

$F_{zmax\ a}$
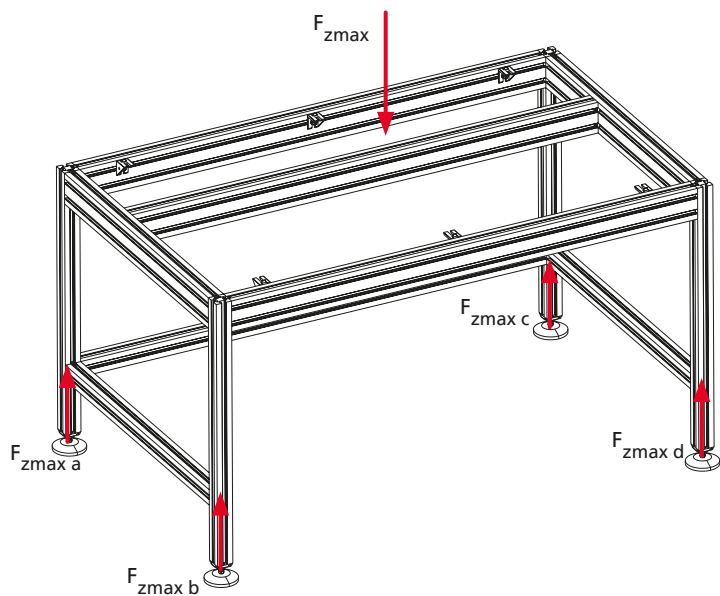
$F_{zmax\ b}$

$F_{zmax\ d}$

Work table static	
$F_{zmax\ a}$	800 N
$F_{zmax\ b}$	800 N
$F_{zmax\ c}$	800 N
$F_{zmax\ d}$	800 N
F_{zmax}	3200 N

Work table: electrically height adjustable

F_{zmax}

$F_{zmax\ b}$

$M_{ymax\ b}$
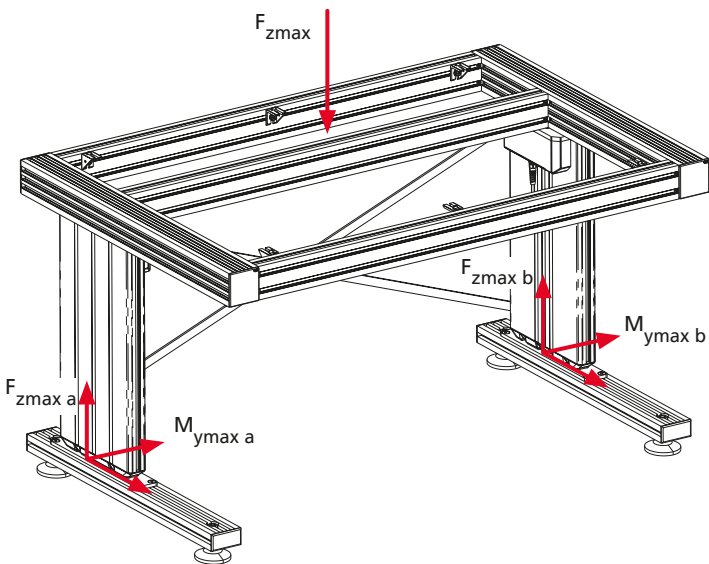
$F_{zmax\ a}$

$M_{ymax\ a}$

Work table (a = left/b = right)	
$F_{zmax\ a}$	2000 N
$M_{ymax\ a}$	200 Nm
$F_{zmax\ b}$	2000 N
$M_{ymax\ b}$	200 Nm
F_{zmax}	4000 N

Rear gantry
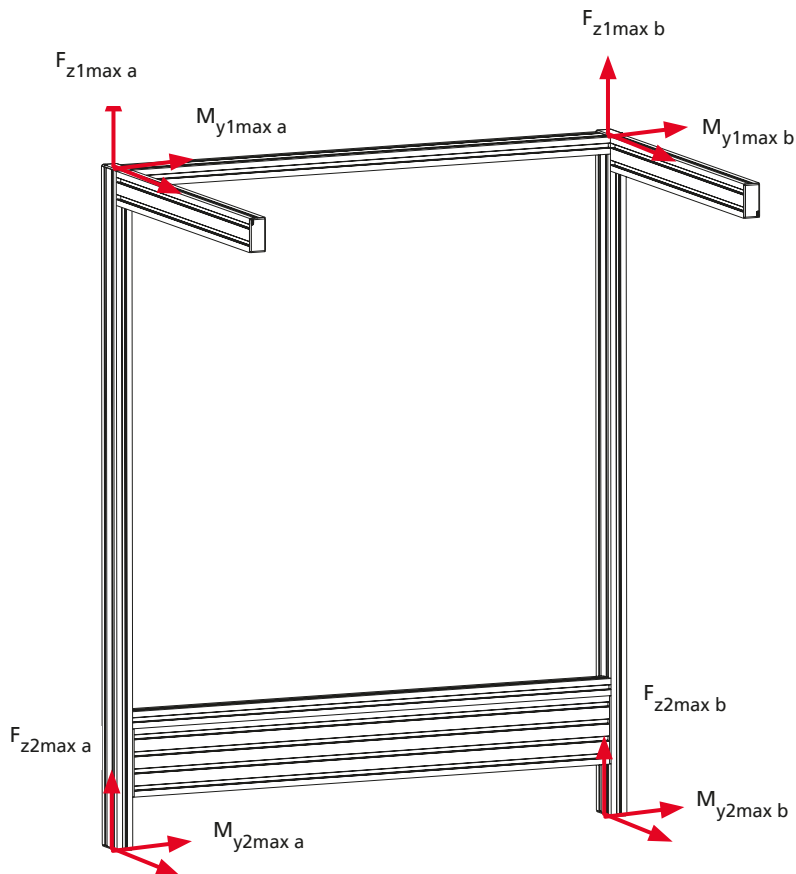
| rear gantry (a = left/b = right)	
$F_{z1max\ a}$	1600 N
$M_{y1max\ a}$	150 Nm
$F_{z1max\ b}$	1600 N
$M_{y1max\ b}$	150 Nm
$F_{z2max\ a}$	3500 N
$M_{y2max\ a}$	400 Nm
$F_{z2max\ b}$	3500 N
$M_{y2max\ b}$	400 Nm

RK Easywork

Workstation systems

Controller for height-adjustable work tables: MultiControl II duo

- Duty cycle, overcurrent and temperature monitoring for overload protection as standard

- Intuitive operation thanks to hand switch with graphics-capable display screen (6-key hand switch)

- The hand switch can be used to perform multiple functions, such as the storage of intermediate positions or user changes (6 positions can be saved)

- Simple connection to the master control system level using serial interface (RS-485) and standardised bus protocol (Modbus ASCII)

- Energy-efficient overall system (control incl. hand switch thanks to switched-mode power supply with wide-range input (standby consumption < 0.5 watts)

- LED for visual status indication

- Connection of external sensors

- Scope of delivery: without IEC cable (see table on page 12)

- Fastenings are included with the basic version of the work table

1 HS   = Hand switch plug connector
2 DATA   = Interface for sensors
           (e.g. safety edge and synchronisation bus)
3 M2   = Motor connector 2
4 M1   = Motor connector 1 (must always be assigned)
P   = Power socket
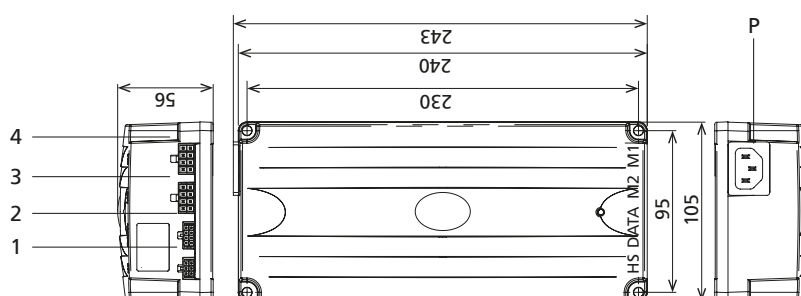
Code No.	for drive	Weight
QST11H12AA000	Multilift II, Multilift II ESD	1 kg
QST12H12AA000	Multilift II telescope	1 kg
QST13H12AA000	Multilift II impact	1 kg

IEC cable

F
(Europe)

J
(Switzerland)

**G**
(United Kingdom)

B
(Japan, USA)

Code No	Version	Type	Cable length
QZD070618	IEC cable (European version, earthed plug)	F	1,80 m
QZD020159	IEC cable (Swiss version, earthed plug)	J	1,80 m
QZD070619	IEC cable (UK version, earthed plug)	G	1,80 m
QZD070631	IEC cable (Japanese version, earthed plug)	B	1,80 m
QZD070622	IEC cable (US version, earthed plug)	B	2,00 m

Hand switch with display screen
(6 function keys)

Hand switch without display screen
(2 function keys)

Hand switch drawer
Fastenings are included with the basic version of the work table

1

2

3
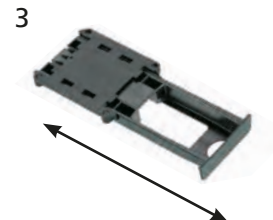
Code No.	Version	Fig.	Weight
QZB11G07AV041	Hand switch with 6 function keys and display screen – 1 m spiral cable	1	0,17 kg
QZB11G07AB041	Hand switch with 2 function keys – 1 m spiral cable	2	0,15 kg
QZD000074	Hand switch drawer for hand switches with 6 and 2 function keys	3	0,11 kg

Attachments

Standard version:
The attachments are supplied loose with the base table (includes assembly instructions).

Special version:
You receive your work table fully assembled with all the desired attachments


1	Table top	**8**	Material tray level	**14**	RK monitor mounting
2	Frame/gantry	**9**	Pivoting material rail	**15**	Tool holder
3	LED lamp	**10**	Document holder	**16**	Monitor holder
4	Runner profile	**11**	Grab containers	**17**	Cup and device holder
5	Balancer	**12**	Roller conveyors	**18**	Drawer cabinet
6	Perforated boards /tool holders	**13**	Power supply	**19**	Keyboard shelf
7	Mounting rail			**20**	PC holder (page 33)

1 **Table top**

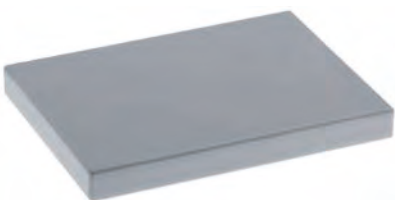Different board materials can be selected depending on the area of application.
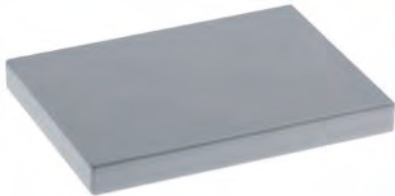
Laminated particleboard (HPL, MFB)

Decorative, plastic-coated, easy-care, banded edges

Beech multiplex panel

High load-bearing strength and flexural strength, easy to machine

ESD table top

Volume conductive particleboard core, high resistance to abrasion

Code No.	Type	Thickness	max. size	Weight [kg/m²]
4012601	Laminated particleboard (melamine), light grey	22 mm	2000 x 2750 mm	15,0
4012602	Laminated particleboard (HPL), light grey	20 mm		15,0
4012603	Oiled multiplex board, beec	30 mm	1490 x 2490 mm	25,0
4012604	Oiled multiplex board, beech	40 mm		34,0
4012605	ESD table top (HPL), light grey	20 mm	2000 x 2750 mm	13,0
4012606	ESD table top (HPL), light grey	30 mm		19,5

Further versions available on request. Cut to specification.
ESD mat, see page „ESD table mat" on page 34.

RK Easywork

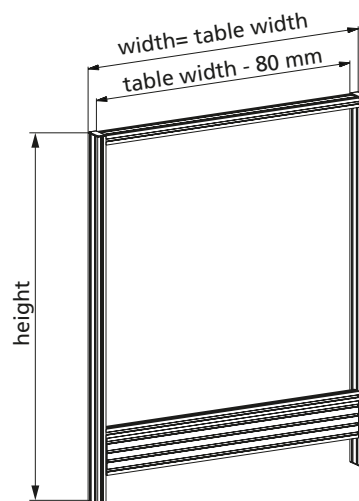# Attachments

2 **Frame/Gantry**

Attention: The fixing set is not included in the scope of delivery and must be ordered separately (see table „Fixing set" below).

The frame/gantry is fitted to the rear of the tables and is used to mount lamps, grab containers, aids and tools etc.

Rear gantry: load data, see details page 15

Rear gantry
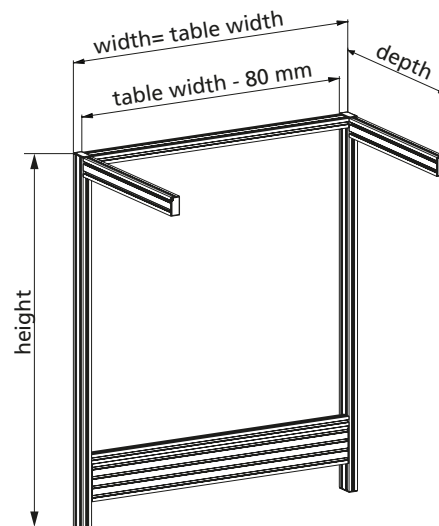
Rear frame

Code No.	Type
W17M1 _ _ _ _ _ _ _ _ _ _ _ _	Rear gantry, assembled, ESD compatible
W17U1 _ _ _ _ _ _ _ _ _ _ _ _	Rear gantry, unassembled, ESD compatible
W18M1 _ _ _ _ _ _ _ _ _ _ _ _	Rear frame, assembled, ESD compatible
W18U1	Rear frame, unassembled, ESD compatible

3. Depth (300-1200 mm)

2. Width (table width))

1. Height (328-2000 mm)
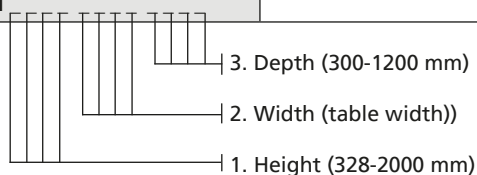
Fixing set

Code No.	Type
WAC042000300	Fixing set, static table
WAC042000301	Fixing set, electrically height adjustable dual-column system

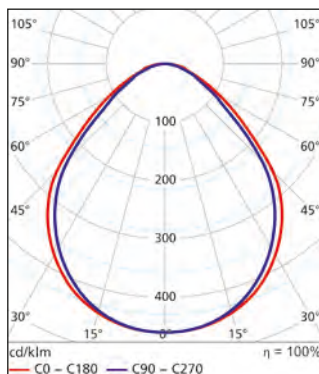## 3 LED lamp

(Workstation lighting,
protection rating IP40, protection class I)

Low-fatigue and efficient working requires an absolutely glare-free design and arrangement of lighting. The even illumination of the work surface is also imperative. It is a proven means of reducing error rates and increasing the performance of the employee.

Areas of application:

- Lighting for industrial assembly workstations and for general illumination
  Temperature range: Ta -20°C to +40°C

- **Lighting technology:**
  Optimised lighting technology using prismatically structured cover with a high level of transmission and diffuser foil

- Unidirectional structure makes for homogeneous appearance

- Even all-round glare elimination

- No direct image of the LED light source visible
  LED service life: >100,000 h (L80/B10)

- Colour temperatures*: 4000 K (NW)
  Colour reproduction index: Ra >80

- Dimming by reducing the power of all LEDs, no partial deactivation

- Permissible operating voltage:
  220 – 240 V AC, 50/60 Hz
  Output voltage SELV equivalent 20 – 54 V
  Overload and over-temperature protection
  Service life > 100,000 h (<B10)

- DALI interface, used internally for the dimming function, light source dimmable down to 1%

- Light management: Integrated button with TouchDIM functionality, thus facilitating continuously variable dimming with save function for the desired setting for optimised lighting level

- Housing:
  Lamp housing made of corrosion-resistant aluminium (anodised) with large-area connection for LED modules for optimum heat dissipation (lamp housing simultaneously acts as heat sink)
  Housing end caps made from cast aluminium, powder-coated, black

- Lamp cover made from UV-resistant PMM with integrated prismatics for light deflection

- Electrical connection: power connection via integrated plug connection, 3-pin

- Lamp, including pre-fabricated connection cable, 3 m with earthed plug

Fastenings
(Flange bracket)

Installation on portal::
An assembly profile is required.
Please state the inner dimension.
Scope of delivery: fastenings included.

Code No.	Type	Weight
WAC042000314	Installation profile for LED lamp	1,28 kg

Inner dimension of assembly profile (length)

Dimensions:
Length 982 mm,
Width 174 mm,
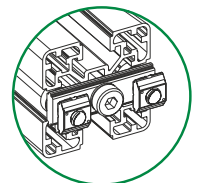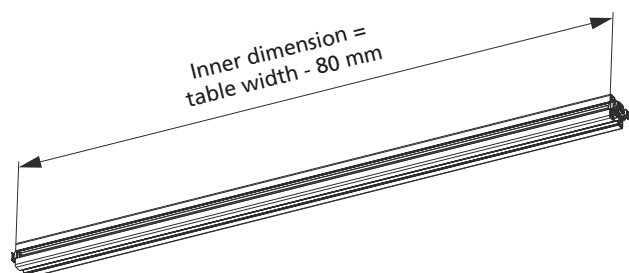Height 28 mm

Inner dimension = table width - 80 mm

Scope of delivery: fastenings included

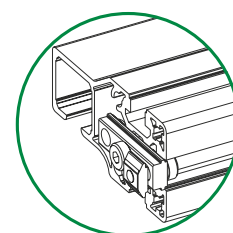| Code No.	Type	LED current	Number of LEDs	System output at 100% operation	Light source luminous flux Light colour NW	Weight
WAC042000208	LED lamp	100mA	90	31 W	3.200 lm	3,5 kg

Attachments

4 **STP 40 runner profile**
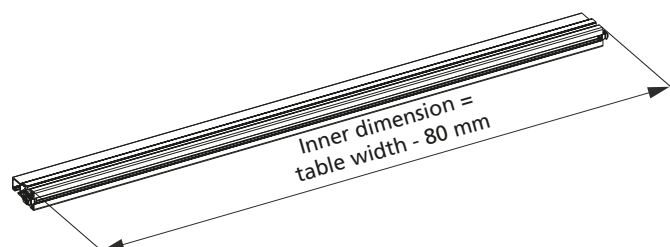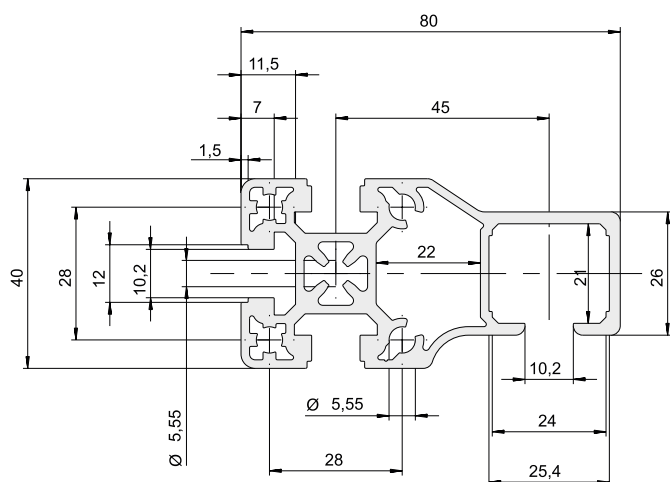
The runner profile is fitted to the portal, and is used to guide tools and aids (e.g. balancer, see below).

Material: aluminium profile, bright anodised, Weight: 2.2 kg/m

Laufwagen

Fastenings (flange bracket)

Inner dimension = table width - 80 mm

Installation on portal:
Please state the inner dimension.
Includes:
fixing material and 1 piece of carriage for balancer

Code No.	Type
WAC042000160	Carriage for balancer
WAC042000308	Runner profile

Inner dimension of runner profile (length)

5 **Balancer**

The balancers make it possible to position tools „weightlessly" in the workstation so that they are within convenient reach. In order to guarantee optimum function, the entire weight of the tool (including any supply lines) must be within the specified load capacity range. The exact load capacity can be set on the device as required.

Material:
housing made of impact resistant plastic, Stainless steel cable

Code No.	Load capacity range	Cable travel	Weight
WAC042000161	0,5 - 1,5 kg	1,7 m	0,3 kg
WAC042000162	1,5 - 3,0 kg	1,7 m	0,4 kg
WAC042000163	3,0 - 4,0 kg	1,7 m	0,5 kg

6 Perforated boards
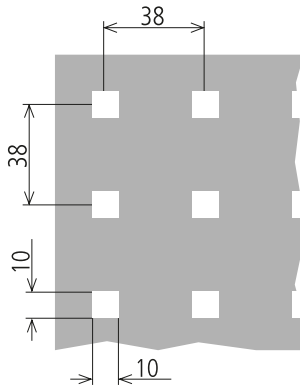
The metal perforated boards can be fastened to the portal as panelling or a tool holder mount. The sheets have an impact and scratch resistant coating (RAL 7035).
Dimensions 450 x 1000 mm, sheet thickness 1.5 mm

The perforated boards can be fastened to the portal frame as required (on the left or right, in the middle, on the right and left). Alongside the perforated boards, the installation of the mounting rail for grab containers can also be useful (see page 20). This way, tools and assembly material are conveniently within reach.
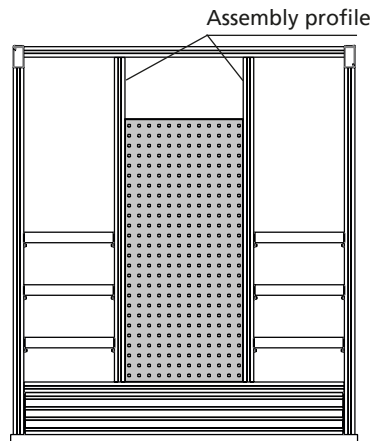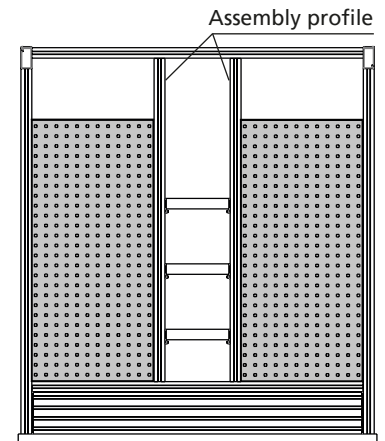When using perforated boards:
Minimum portal height >= 1368 mm
Maximum portal height = 2000 mm

Configuration examples:
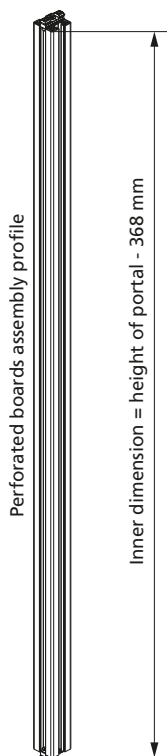
Assembly profile

Assembly profile

Assembly profile
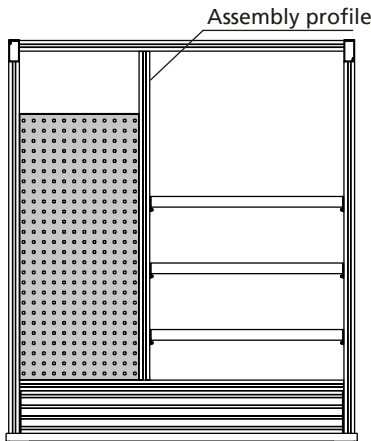
Perforated board on left or right
(from table width >770 mm)

Perforated board in middle
(from table width >1010 mm)

Perforated board on left & right
(from table width >1260 mm)

Perforated boards assembly profile

Inner dimension = height of portal - 368 mm

Befestigungssatz

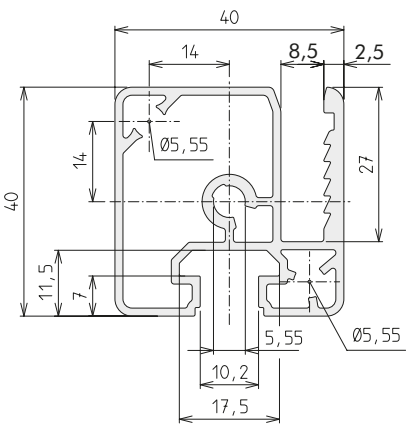| Code No.	Type	Weight
WAC042000335	Perforated boards 450 x 1000 mm	5,12 kg
WAC042000149	Fixing set (set of 4)	0,11 kg
WAC042000314	Assembly profile for perforated boards	1,28 kg

Inner dimension of assembly profile (length)

Attachments

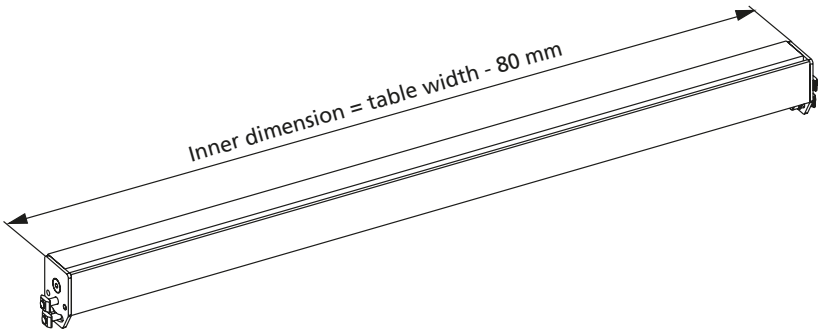**7** **Mounting rail (ESP 40 x 40)**
7 for grab containers

The grab containers are simply attached to the profile slot and positioned. The assembly profile can be ordered with a pivoting fixing set as required.
Material: aluminium profile, bright anodised
Weight: 1.1 kg/m
Scope of delivery: fixing set included

Clamping lever for „pivoting" fixing set

Mounting rail (ESP 40 x 40) for grab containers, „pivoting"

Inner dimension = table width - 80 mm

Mounting rail (ESP 40 x 40) for grab containers, „non-pivoting"

Inner dimension = table width - 80 mm
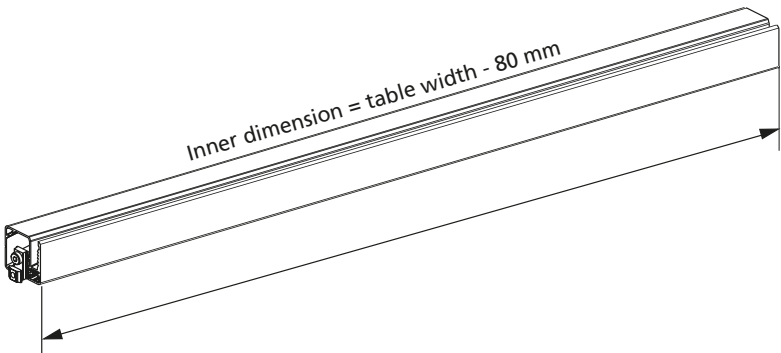
Code No.	Type	Weight
2x 90210	Clamping lever for pivoting fixing set	0,04 kg
WAC042000307_ _ _ _ _	Mounting rail (ESP 40 x 40), pivoting	1,15 kg/m
WAC042000313_ _ _ _ _	Mounting rail (ESP 40 x 40), non-pivoting	1,10 kg/m

Inner dimension of assembly profile (length)

8 Material tray level
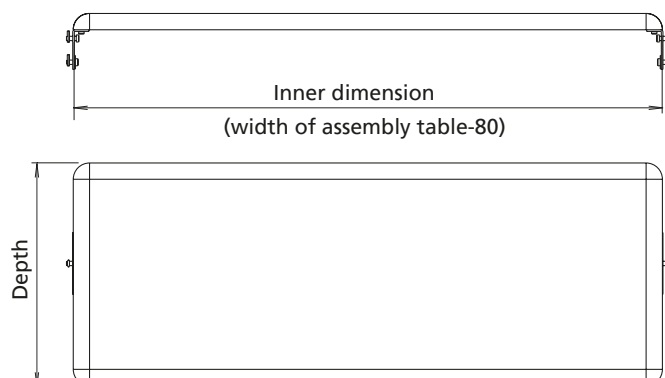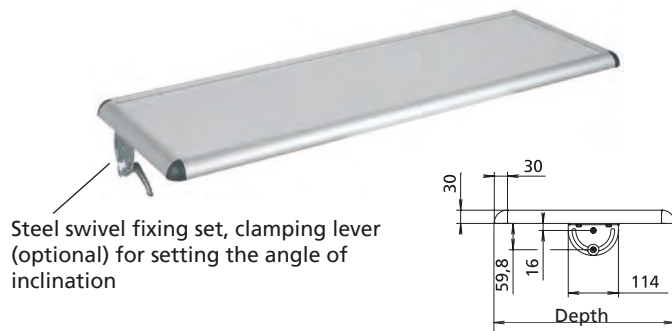
The material tray level is used to mount grab containers, tools or other aids. The level can be fastened to the portal at any height, and pivots in a longitudinal direction as required.

Pivoting range: ± 90°
Minimum portal height > 818 mm

Steel swivel fixing set, clamping lever (optional) for setting the angle of inclination

30

30

59,8

16

114

Depth

Inner dimension
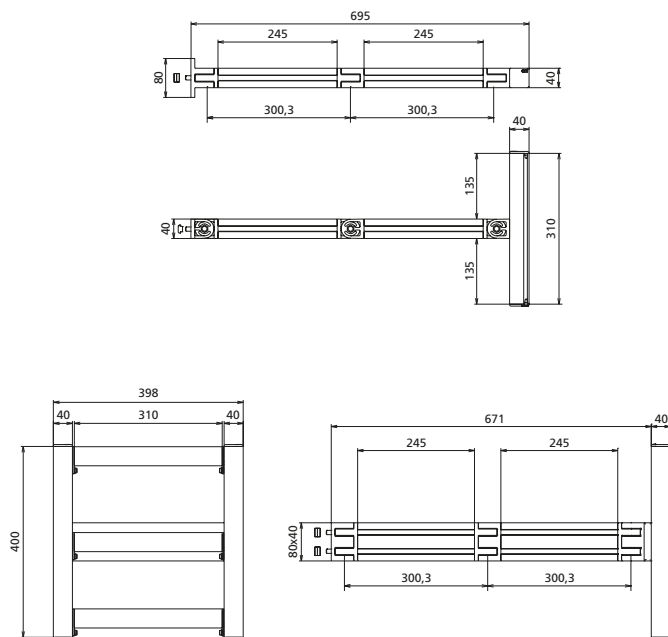(width of assembly table-80)

Depth

Code No.	Type
W20M20030	Material tray level with steel swivel including fixing set

2. Depth (220-600 mm)

1. Inner dimension
(width 180-2500 mm)

Code No.	Type
2x WAC042000144	Steel swivel with fixing set
2x WAC042000145	Clamping lever for fixing set

Attachments

9 **Pivoting material rail**

The pivoting material rails can be equipped with grab containers (see page 24) and pulled into the ergonomic working position as required.

Load capacity:
Single material rail max. 10 kg
Triple material rails max. 15 kg
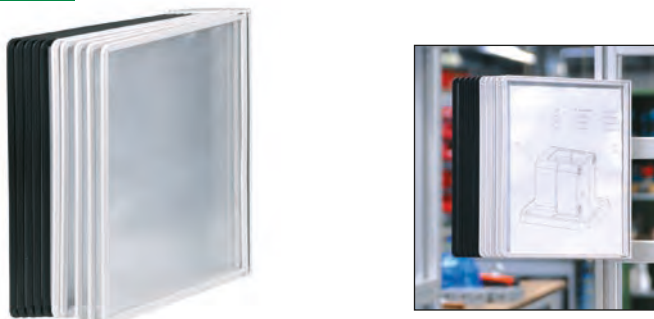
Pivoting range: 180° for each joint

Single material rail (fixed)   Triple material rails (inclining)

Code No.	Type	Weight
WAC042000056	1 material rail	1,1 kg
WAC042000057	3 material rails	2,7 kg

10 **Document holder**

The document holder (10x, A4) can be fitted to the portal using the fixing set included in the scope of delivery. Drawings, assembly instructions and other important documents are thus ergonomically within reach at all times.

Code No.	Type	Weight
WAC042000024	Document holder	1 kg

11 **Grab containers**

Plastic container for storing assembly material. Different colours and sizes available.

Code No.	Type	Colour	Weight
WAC042000114		blue	
WAC042000112	170x100x50 mm	green	
WAC042000111	(0,5 Liter)	yellow	0,08 kg
WAC042000113		red	
WAC042000119		blue	
WAC042000117	160x100x75 mm	green	
WAC042000116	(0,9 Liter)	yellow	0,1 kg
WAC042000118		red	
WAC042000124		blue	
WAC042000122	230x150x122 mm	green	
WAC042000121	(2,7 Liter)	yellow	0,25 kg
WAC042000123		red	

12 Roller conveyors
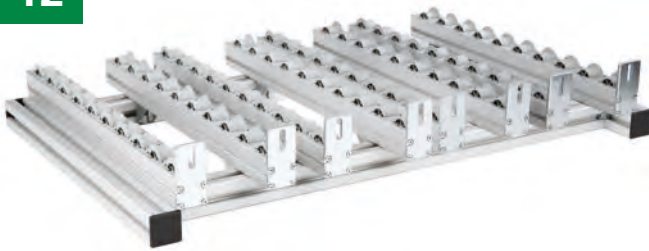
Using roller conveyors, Kanban modules can easily be created and integrated into the Easywork tables in accordance with the customer's requirements.
The roller elements each have a length of 50 mm. They can be inserted/clipped into the roller conveyor profile.
The length of the profile track has to be ordered to suit the number of roller elements.

Roller conveyor profile

Code No.	Type	Weight
WAC042000330	Roller conveyor profile 6 mtr. bar	7,8 kg
WAC042000324	Roller conveyor profile	1,3 kg/m

Length of roller conveyor

50 mm
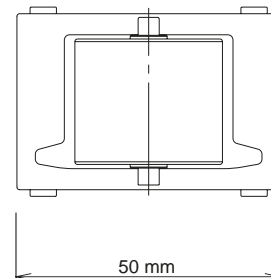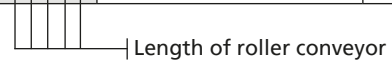
Roller with flange   Roller without flange

Code No.	Type	lot sizes	Load capacity N	Weight
WAC042000322	Roller with flange	10, 20, 30... pcs	150	0,018 kg/pcs
WAC042000321	Roller without flange			0,016 kg/pcs

End plates: galvanised steel, including 4 screws

40 mm
8 mm
40x80x5
20 mm
80 mm
52 mm

40 mm
40x40x5
40 mm
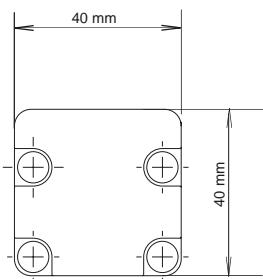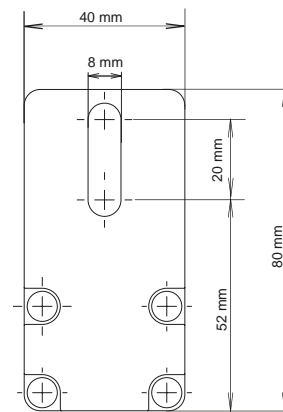
Code No.	Typ
WAC042000326	End plate 40x80x5
WAC042000325	End plate 40x40x5

Slot stone -N-
This slot stone slides into the end of the profile slot.
Material: galvanised steel

*RK profile system slot geometry

[mm]

Code No.	Type	lot sizes	Slot geometry*	A	B	C	D	E	M
4026203	M6	10, 20, 30... pcs	40	8	10	13	15	4	M6

Attachments

<div style="background:green">**13**</div> **Power supply**
Socket strips

90° turned sockets in plastic housing,
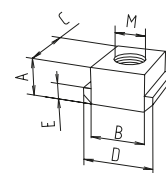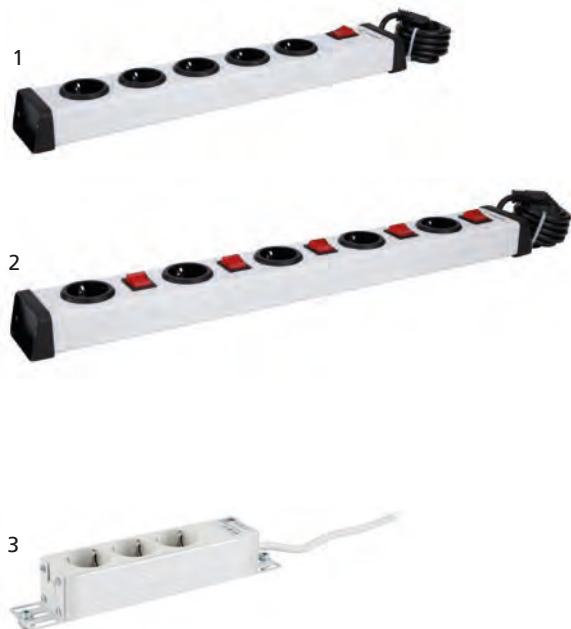1.5 m supply cable with molded earthing contact plug,
max. connection load of 3600 W

45° turned sockets in aluminum housingframe,
2.0 m supply cable without plug,
max. connection load of 3600 W

Code No.	Type of socket strip	Weight
WAC042000318	Fig. 1 centrally switching, including fixing set	0,8 kg
WAC042000319	Fig. 2 individually switchable, including fixing set	1,0 kg
WAC042000320	Fig. 3 non-switchable, including fixing set	0,6 kg

Energy supply channel components available on request

The energy supply channel can be equipped with any combination of the individual components, and can be ordered on request.

Code No.	Type
WAC05	L_{max} = 6004 mm

Total length including
end caps (2 mm each)

Portal width
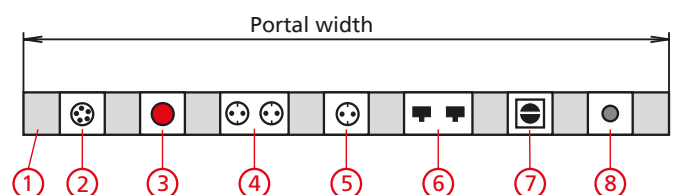
1. **Energy supply channel**
2. **CEE power socket**
3. **Emergency stop button**
4. **Twin power socket**

5. **Power socket**
6. **Network outlet**
7. **Toggle switch**
8. **Pneumatic connection**

RK ROSE+KRIEGER

14 RK monitor mounting

These mounts for monitors, touch panels and other operating devices are flexible, provide many degrees of freedom and are thus suitable for universal use.

RK monitor mounting (rotary flange)

90°

Features:

- Device connection using universal connecting plate or VESA connecting plate
- High-strength materials guarantee reliable processes and sustained loads
- Highly ergonomic working by adjusting the height to the body size of the operator
- Sideways turning for optimum setting of the field of vision
- Rotary flange and ball joint: vibration-proof inclination adjuster, latching in 15° increments
- Compact: half-cup version (makes subsequent assembly easier), optional reducing inserts available (round or square 20, 25, 30 mm)
- Connection to aluminium profile possible and thus to the machine frame using slot stones
- Universal fastening holes facilitate easy wall mounting

RK monitor mounting (ball joint)

60°

Monitor mounting (compact)

60°

Code No.	Type RK monitor mounting	Weight	max. load
193000030C11	Rotary flange	0,37 kg	25 kg
193000042C11	Ball joint	0,34 kg	10 kg
193000052C11	Compact	0,29 kg	10 kg

Connecting plate VESA 50/75, VESA 75/100

Code No.	Type	Weight
94372	50/75	0,67 kg
94371	75/100	0,80 kg

Attachments

Profile console

Scope of delivery:
fastenings included
to 40 slot geometry BLOCAN®

Code No.	Type	Weight
193000298C66	Profile console	0,27 kg

Wall console

Scope of delivery: fastenings not included

Code No.	Type	Weight
193000358C66	Wall console	0,36 kg

Vario-Quick holding block K/KK

Type K
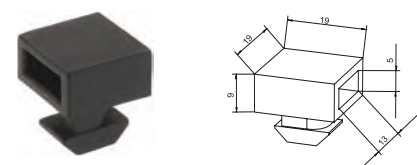
Type KK
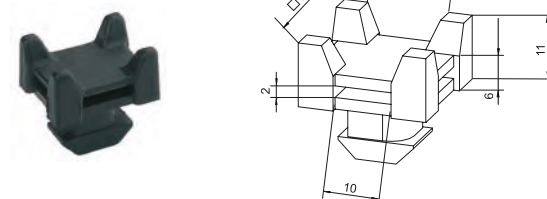
Code No.	Type	lot sizes	Version
40181251	Holding block K	10, 20, 30... pcs	40 slot geometry*
40181271	Holding block KK	10, 20, 30... pcs	40 slot geometry*

* RK profile system slot geometry

Attention: for further components see also the „Connecting technology" catalogue, chapter „Support arm/equipment carrier systems", starting on page 254.

15 **Tool holder**

The tool holders keep the workstation tidy and organised. They can be inserted into the perforated boards listed on page 21.
Impact and scratch resistant plastic coating, base plate thickness 1.5 mm, aluminium-coloured

with inclined hook end, L=50

Code No.
WAC042000097

Screwdriver holder, 8x

double, with inclined hook end, L=50

Code No.
WAC042000098

Code No.
WAC042000101

Magnetic holder, D=40

Screwdriver holder

Code No.
WAC042000099

Code No.
WAC042000309

Pliers holder, W=55/D=20

Round tin holder

Code No.
WAC042000100

Code No.
WAC042000310

Machine holder, D=60

Hexagon socket key holder, D=1-11

Code No.
WAC042000103

Code No.
WAC042000102

Grab container holder

Storage box

Code No.
WAC042000104

Code No.
WAC042000311

Tool holder for self-service packaging

Shelf plate, W=350, D=125

Code No.
WAC042000315

Code No.
WAC042000105

Attachments

16 Monitor holder

Monitor holder as a space-saving and ergonomic solution for your LCD screen. The height and inclination of the holder can be adjusted continuously variably.

The scope of delivery includes a fixing set for connection to the workstation profile and an assembly plate with VESA hole pattern (75 x 75 and 100 x 100 mm).

Pivoting range: 180° for each joint
Angle of inclination: ±10°
Load capacity: max. 15 kg
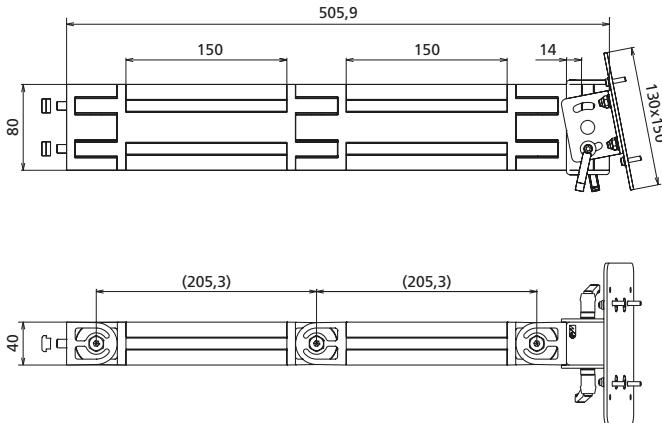
Code No.	Type	Weight
WAC042000125	Monitor holder	3,17 kg

17 Cup and device holder

Cup holder (open): tools and devices, e.g. drills, can be hung up securely.
Cup holder (closed): drinks are set down in a defined position and do not obstruct assembly work.
The holder can be fastened directly to the profile slot.
The fixing set is included in the scope of delivery.
Material: plastic
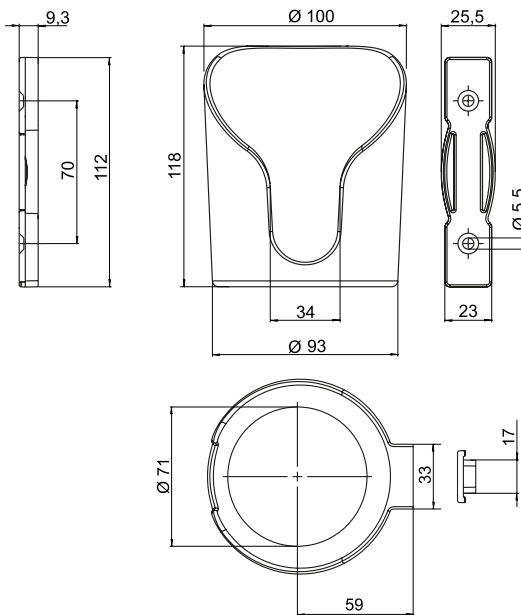
Open

Closed

Code No.	Type	Weight
401A532	Cup holder, open	0,15 kg
401A533	Cup holder, closed	0,17 kg

18 Drawer cabinet

Workbench drawer cabinet made from powdercoated quality steel plate. The drawers run on a precision telescopic guide.
The drawer cabinet (**Colour**: RAL 7035) can be locked using a cylinder lock, and is supplied with two keys.
Load per slide (drawer): 15 kg max.

A fixing set is included in the scope of delivery.

Please note the required minimum width (1000 mm) of the assembly workbenches.
Also to be a minimum depth of 680 mm must also be taken into account.

Static tables:
2 cabinets possible with a table width >1500 mm

Two-column system:
1 cabinets possible with a table width >1000 mm
   and table depth 680 mm
2 cabinets possible with a table width >1600 mm
   and table depth 680 mm

Code No.	Type	H x B x T	Weight
WAC042000304	1 drawer	230 x 460 x 550 mm	11,1 kg
WAC042000305	2 drawers	380 x 460 x 550 mm	15,8 kg
WAC042000306	3 drawers	380 x 460 x 550 mm	18,3 kg

19 Keyboard shelf

Keyboard shelf with ball bearing slides for pulling out and stowing the keyboard easily.

A fixing set is included in the scope of delivery.

Colour: black, material: plastic, stable design, storage tray with cover for writing implements.

Code No.	Type	Weight incl. fixing set
WAC042000317	Keyboard shelf	2,2 kg

20 PC holder

The PC holder for fastening underneath the table top can be adjusted without the use of tools.
Height adjustment: 307-532 mm
Width adjustment: 78 - 220 mm

A fixing set is included in the scope of delivery.

Colour: black, material: steel

Code No.	Type	Weight incl. fixing set
WAC042000316	PC holder	4,3 kg

Accessories

ESD table mat

Two-layer composite coating made from wearresis-tantn synthetic rubber. Resistant to solder and heat, abrasion, halogen-free, permanently elastic, volume conductive.
Including 2 push-button connections 10 mm.
Typical bleeder resistance
RG= 106-107 ohms

Code No.	Type
WAC042000087	900 x 610 mm
WAC042000088	1220 x 610 mm

ESD wristband

Adjustable and elastic wristband without metal contact plate, antiallergenic. Push-button connection 3 mm

A highly elastic spiral cable (2.4 m) with the safety resistance value of 2x 1 MOhm is available as an accessory. Wristband connection 3 mm push-button, earthing contact connection 10 mm push-button

Code No.	Type
WAC042000089	Wristband
WAC042000090	Spiral cable 2.4 m

ESD earthing box

Box as central earthing connection point
(EBP - earth bonding point) for personal grounding. Earth conductor 2 m in length. Connection type 4 mm threaded eye hook, per connection 1 Mohm safety resistance.
2x 10 mm push-button, 1x 4 mm safety socket.

Code No.	Type
WAC042000091	Earthing box

ESD central earthing strip

Central strip for connection of a maximum of 6 earth conductors with screw terminals for cable lugs with 4 mm eyelet.

Code No.	Type
WAC042000092	Central earthing strip

ESD earth bonding plug

Dummy plug for CEE 7/3 power socket for direct earthing of table and floor coverings or the central earthing strip.
With 2.4 m of spiral cable,
1 MOhm safety resistance,
10 mm push-button.

Code No.	Type
WAC042000094	2,0 m standard cable
WAC042000093	2,4 m spiral cable

ESD earth conductor

Earth conductor for table/floor covering.
Standard cable with 1 MOhm safety resistance,
10 mm push-button,
4 mm threaded eye hook.

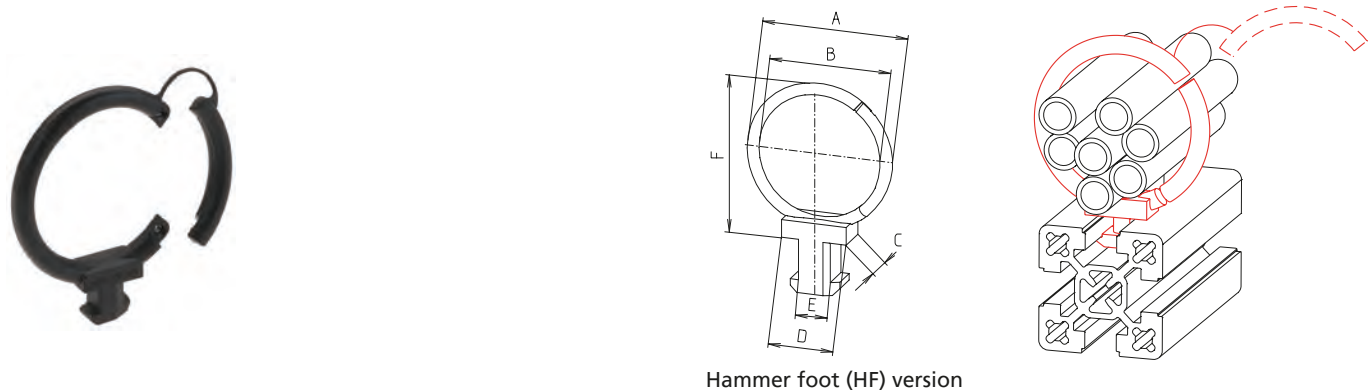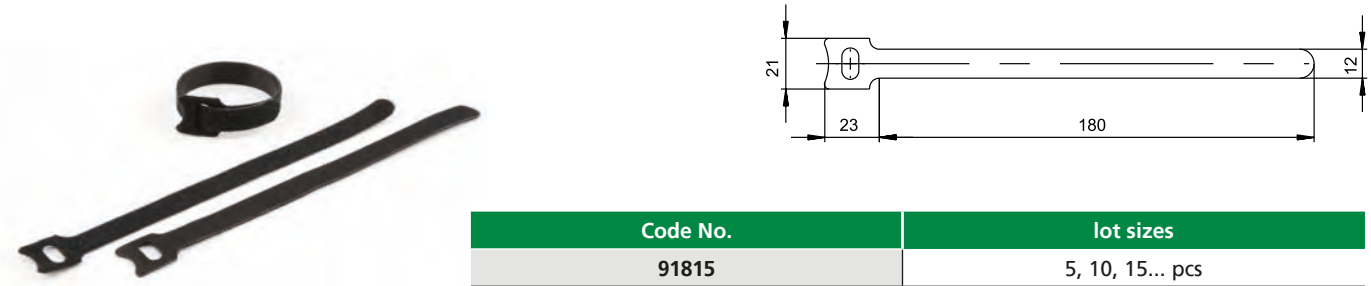| Code No.	Type
WAC042000095	1,5 m cable
WAC042000096	3,0 m cable

Accessories

Vario-Quick cable bracket

For routing cables and hoses
Simply screwed into the slot
Can be opened and reused without any difficulty
Material: black plastic

Hammer foot (HF) version

Code No.	Type	lot sizes	Slot geometry	A	B	C	D	E	F
40181401	15 HF	10, 20, 30... pcs	40	28,5	17	10	19	9,5	28,5
40181411	25 HF	10, 20, 30... pcs	40	36,5	25	10	19	9,5	36,5
40181421	35 HF	10, 20, 30... pcs	40	47,5	35	10	19	9,5	47,5

Hook and eye cable ties

Code No.	lot sizes
91815	5, 10, 15... pcs

Slot stones

-F-

Spring clip

-K-

Spring clip

-R-

For additional fastening of attachments to the workstation. The slot stones can also be swivelled in or screwed into the profile slot retrospectively. The slot stone can be secured in any position thanks to the attached spring (type -F/K-).
Material: galvanised steel

[mm]
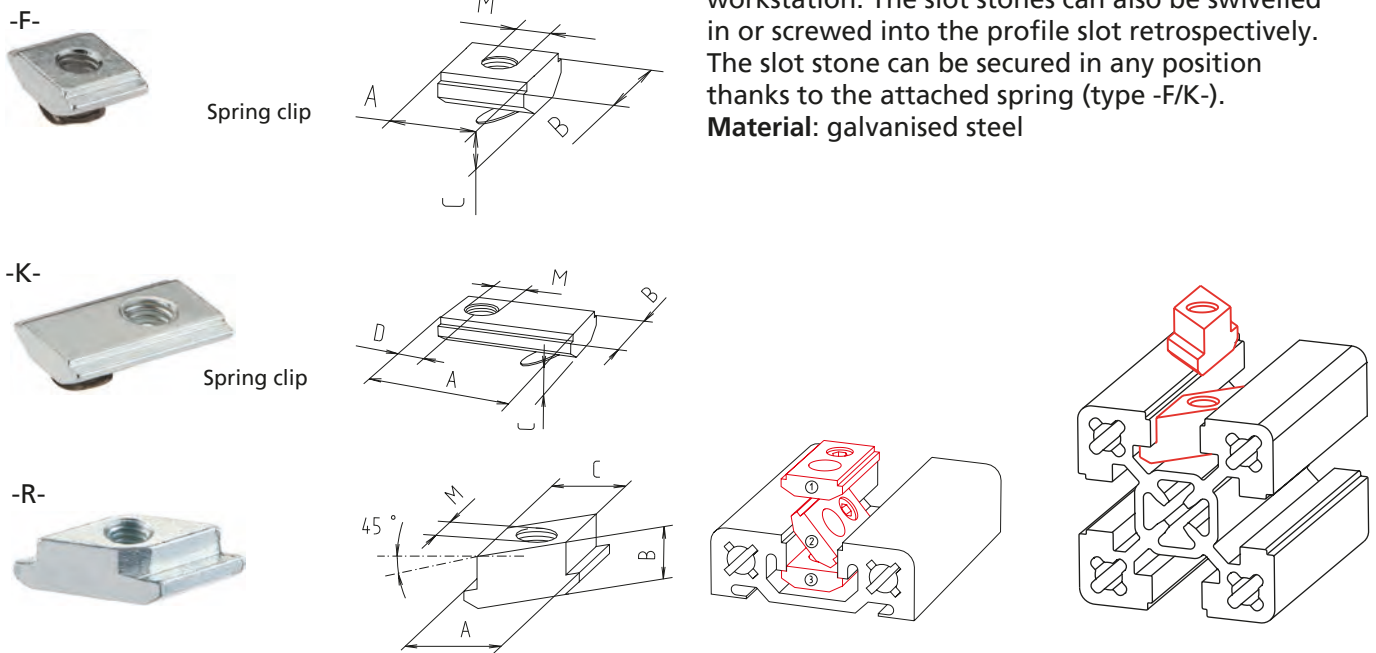
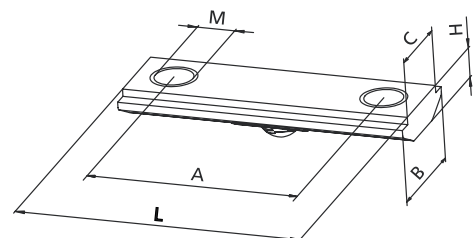| Code No.	Type	lot sizes	A	B	C	D	M
4006715	-F- / M4	10, 20, 30... pcs	10	14	4	–	M4
4006713	-F- / M5	10, 20, 30... pcs	10	14	4	–	M5
4016212	-K- / M6	10, 20, 30... pcs	21	14	4	7	M6
4016213	-K- / M8	10, 20, 30... pcs	21	14	4	7	M8
4026221	-R- / M6	10, 20, 30... pcs	15	9	10	–	M6
4026222	-R- / M8	10, 20, 30... pcs	15	9	10	–	M8

Slot stones -PA-

Version PA -R-

Version PA -F-

Version PA -K-

The -PA- slot stones have an equipotential bonding effect by destroying the anodised coating. The slot stones can be used in an assembly kit or be connected to each other using bridge pieces.
Material: black galvanised steel

Code No.	Type	lot sizes	Slot geometry	A	B	C	H	L	M
Slot stone PA -R-									
4006E21	M6	10, 20, 30... pcs	30	–	13	10	5	29	M6
Slot stone PA -F-									
4006E12	M6	10, 20, 30... pcs	30	–	12	10	4	10	M6
Slot stone PA -K-									
4006F12	M6	10, 20, 30... pcs	30	–	12	10	4	21	M6

Accessories

Cover profile -plastic-

For the flush covering of longitudinal slots.
Two versions are available.

Material: plastic
Please note that for typographical reasons, the colours listed here are only an approximate representation of the corresponding RAL colours. Further special colours available on request.

Type 1

Type2

[mm]
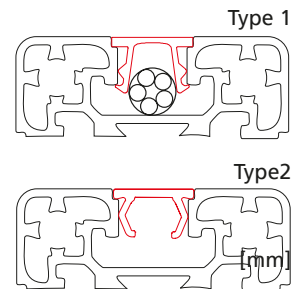
Black RAL 9005

White aluminium RAL 9006

Light grey RAL 7035

Rape yellow RAL 1021

Traffic red RAL 3020

Signal blue RAL 5005

Code No.	Type		Colour	A	B	C
4000570	2	2 m bar	Black	12	11,2	6,4
4000575	2	2 m bar	Light grey	12	11,2	6,4
4000577	2	2 m bar	White aluminium	12	11,2	6,4
4000579	2	2 m bar	Rape yellow	12	11,2	6,4
4000581	2	2 m bar	Traffic red	12	11,2	6,4
4000583	2	2 m bar	Signal blue	12	11,2	6,4
4008570	1	2 m bar	Black	12	11,2	6,4
4000585	1	2 m bar	Rape yellow	12	11,2	6,4
4000586	1	2 m bar	Transparent	12	11.2	6.4

Cover profile - aluminium

max. 2 m

A

B

C

[mm]
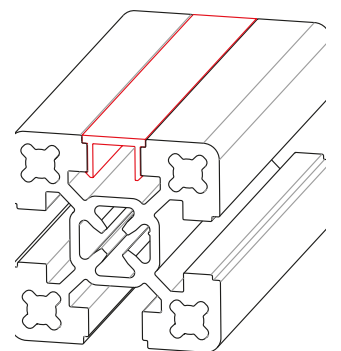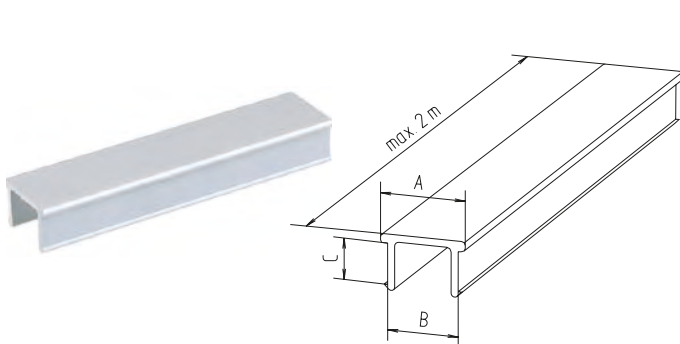
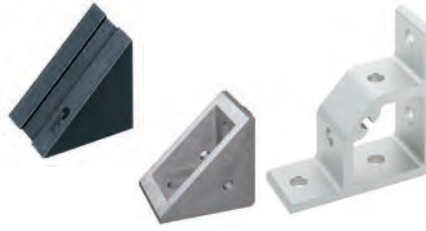| Code No.	Type	Slot geometry	A	B	C
4015570	1 Stück	40	12	10	5,2

You will find further accessories and aluminium profiles in our main catalogue „BLOCAN® profile technology"

Slot stones	Angle brackets	Bracing plates

Cover profile	End caps	Suspended sliding blocks
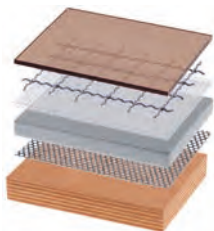
Panels	Framing profiles	Vario-Quick
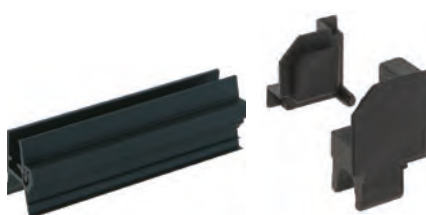
Levelling feet	End plate/connecting plate	Base angles

Rollers	Profile hinges	Clamps

Pipe clamps	Hinges	Cable channel system

Configuration

☐ **Enquiry** ☐ **Order**

Table version static

☐ assembled ☐ unassembled
☐ ESD assembled ☐ ESD unassembled

Height: _____ mm (min. 750-1250mm max.)
Width: _____ mm (min. 750-2000mm max.)
Depth:: _____ mm (min. 650-1200mm max.)

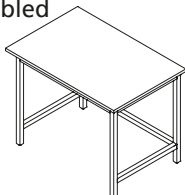## Table version electric height-adjustable

Multilift II 355 ☐ assembled ☐ unassembled
Multilift II 400 ☐ assembled ☐ unassembled
Multilift II ESD 355 ☐ assembled ☐ unassembled
Multilift II ESD 400 ☐ assembled ☐ unassembled
Multilift II impact 355 ☐ assembled ☐ unassembled
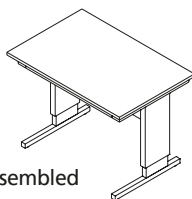Multilift II impact 400 ☐ assembled ☐ unassembled
Multilift II telescope ☐ assembled ☐ unassembled

Attachments

☐ **Standard version:** The attachments are supplied loose with the base table (includes assembly instructions).

☐ **Special version:** You receive your workbench fully assembled with all the desired attachments.

☐ Hand switch with display screen (6 function keys)
☐ Hand switch without display screen (2 function keys)
☐ Hand switch drawer

☐ IEC cable (Europe)
☐ IEC cable (Switzerland)
☐ IEC cable (United Kingdom)
☐ IEC cable (Japan, USA)

Worktop

☐ MFB particleboard (melamine) 22mm
☐ HPL particleboard (laminated) 23mm
☐ Beech Multiplex board 30mm
☐ Beech Multiplex board 40mm
☐ ESD table top 20mm
☐ ESD table top 30mm

Worktop: width _____, depth _____

Frame/Gantry

☐ completely mounted frame/gantry
☐ unmounted components

Height (min. 328-2000mm max.): _____
Width (max. Tischbreite): _____
Depth (min. 300-1200mm max.): _____

☐ LED lamp
☐ Runner profile (table width-80mm): _____
☐ Balancer, load capacity (min. 0,5-1,5 kg max.)
☐ Balancer, load capacity (min. 1,5-3,0 kg max.)
☐ Balancer, load capacity (min. 3,0-4,0 kg max.)
—— perforated board(s)(1-2 unit, 450x1000mm each)
—— mounting rail(s) for grab containers (1-3 units)
☐ Material tray level steel swivel
☐ 1 pivoting material rail (load capacity max. 10 kg)
☐ 3 pivoting material rails (load capacity max. 20 kg)
☐ Document holder

—— grab container(s) (170x100x50) ☐ red ☐ blue ☐ green ☐ yellow
—— grab container(s) (160x100x75) ☐ red ☐ blue ☐ green ☐ yellow
—— grab container(s) (230x150x122) ☐ red ☐ blue ☐ green ☐ yellow
—— Roller conveyor(s) length: _____
—— Roller(s) with flange, purchase only in lot sizes 10, 20, 30... pcs.
—— Roller(s) without flange, purchase only in lot sizes 10, 20, 30... pcs.
—— End plate(s) 40x40x5 —— End plate(s) 40x80x5
—— Slot stone -N-, purchase only in lot sizes 10, 20, 30... pcs.
☐ Socket strip, centrally switched
☐ Socket strip, individually switched
☐ Socket strip, non-switchable

RK monitor mounting

☐ With rotary flange ☐ With ball joint ☐ Compact
☐ Connecting plate Vesa 50/75 ☐ Connecting plate Vesa 75/100
☐ Profile console ☐ Wall console
☐ Vario-Quick holding block Typ K ☐ Vario-Quick holding block Typ KK
☐ Monitor holder aluminium (page 26)

Tool holder

☐ With inclined hook end ☐ Double, with inclined hook end
☐ Magnetic holder, D=40 ☐ Pliers holder, B=55/T=20
☐ Machine holder, D=60 ☐ Grab container holder
☐ Tool holder for self-service packaging ☐ Screwdriver holder, 8x
☐ Screwdriver holder ☐ Round tin holder
☐ Hexagon socket key holder,D=1-11 ☐ Storage box
☐ Shelf plate, W=350/D=125
☐ Cup and device holder, open
☐ Cup and device holder, closed

Drawer cabinet

☐ with 1 drawer 230x460x550mm
☐ with 2 drawers 380x460x550mm
☐ with 3 drawers 380x460x550mm

☐ Keyboard shelf
☐ PC holder

Accessories

- ☐ ESD table mat 900x610mm
- ☐ ESD table mat 1220x610mm
- ☐ ESD wristband
- ☐ ESD spiral cable 2.4 mtr.
- ☐ ESD earthing box
- ☐ ESD central earthing strip
- ☐ ESD earth bonding plug 2.0 mtr. standard cable
- ☐ ESD earth bonding plug 2.4 mtr. spiral cable
- ☐ ESD earth conductor 1.5 mtr. cable
- ☐ ESD earth conductor 3.0 mtr. cable

Attention: lot size

___ Vario-Quick cable bracket(s) 15 HF / purchase only in lot sizes 10, 20, 30... pcs
___ Vario-Quick cable bracket(s) 25 HF / purchase only in lot sizes 10, 20, 30... pcs
___ Vario-Quick cable bracket(s) 35 HF / purchase only in lot sizes 10, 20, 30... pcs
___ Hook and eye cable tie(s) / purchase only in lot sizes 5, 10, 15... pcs

Cover profile(s) 2 m bar

___ pcs. Plastic, black RAL 9005
___ pcs. Plastic, white aluminium RAL 9006
___ pcs. Plastic, light grey RAL 7035
___ pcs. Plastic, rape yellow RAL 1021
___ pcs. Plastic, traffic red RAL 3020
___ pcs. Plastic, signal blue RAL 5005
___ pcs. Aluminium

___ Slot stone(s) -F-, purchase only in lot sizes 10, 20, 30... pcs
___ Slot stone(s) -K-, purchase only in lot sizes 10, 20, 30... pcs
___ Slot stone(s) -R-, purchase only in lot sizes 10, 20, 30... pcs
___ Slot stone(s) PA -R-, purchase only in lot sizes 10, 20, 30... pcs
___ Slot stone(s) PA -F-, purchase only in lot sizes 10, 20, 30... pcs
___ Slot stone(s) PA -K-, purchase only in lot sizes 10, 20, 30... pcs

Sketch/description:

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Customer number:..

Company:..

Project:...

Telephone:..

E-mail:..

Contact:..

Department:..

Sketches / Notes

Application examples

RK ROSE+KRIEGER

A Phoenix Mecano Company

(Informationen)