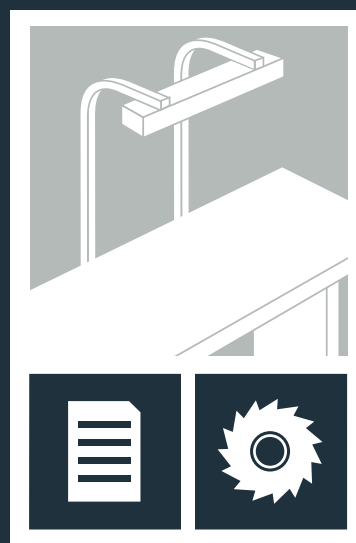


Machine Constructing System
Workstation Systems



3.0

Order and
Construction Manual

Workstation systems - Ergonomic solutions for every requirement

Optimal ergonomic design of the workstation has a positive effect on the human/work relationship. The physiological stress on the human is considerably reduced, counteracting one-sided strain and premature fatigue. Readiness to work is enhanced, and the result of work is improved.

Activity-related absences and sickness costs are durably reduced. The workstation system takes into account the latest findings of ergonomic science.

Standard modular system

You have the choice between table frames with mechanical height adjustment by hand crank or electric height adjustment by electric motor. These systems provide infinitely variable adjustment of the working height and enable the user to change between sitting and standing working positions.

With equipment components such as foot rests, swivel arm, gantry structure, lighting etc., the system can be adapted to the specific requirements of different workplaces.

Workplaces protected from electrostatic discharge

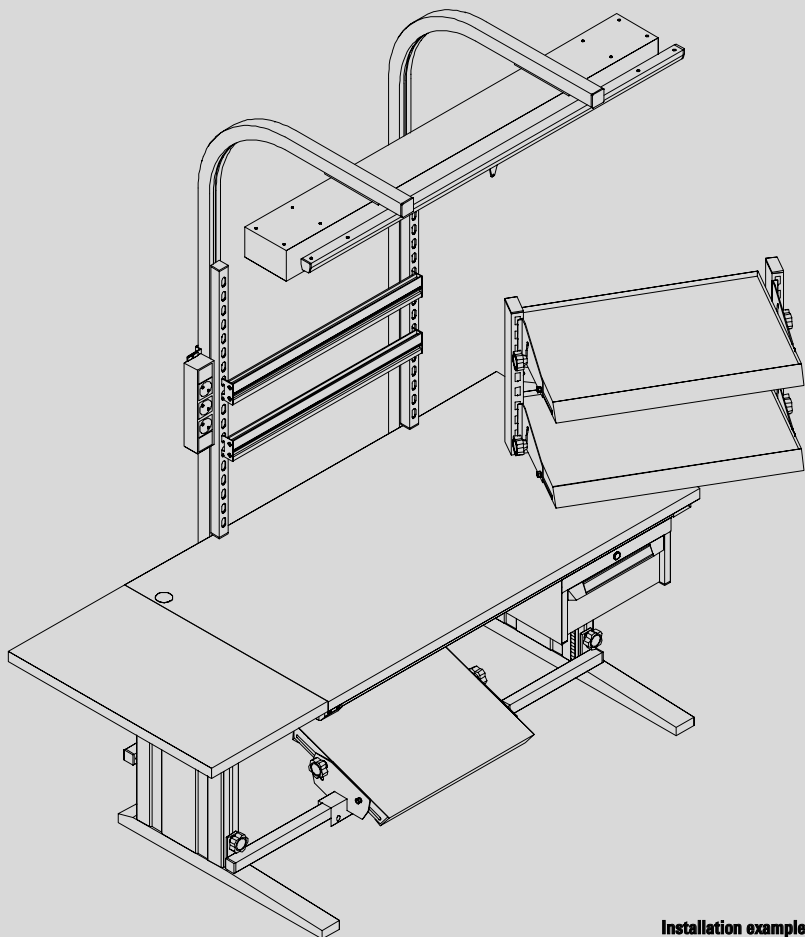
ESD (Electro Static Discharge) is the static electricity discharged from objects or persons.



As a result of their low level of energy, these electric charges often go unnoticed. When touched, electrically sensitive components may suffer harm or irreparable damage.

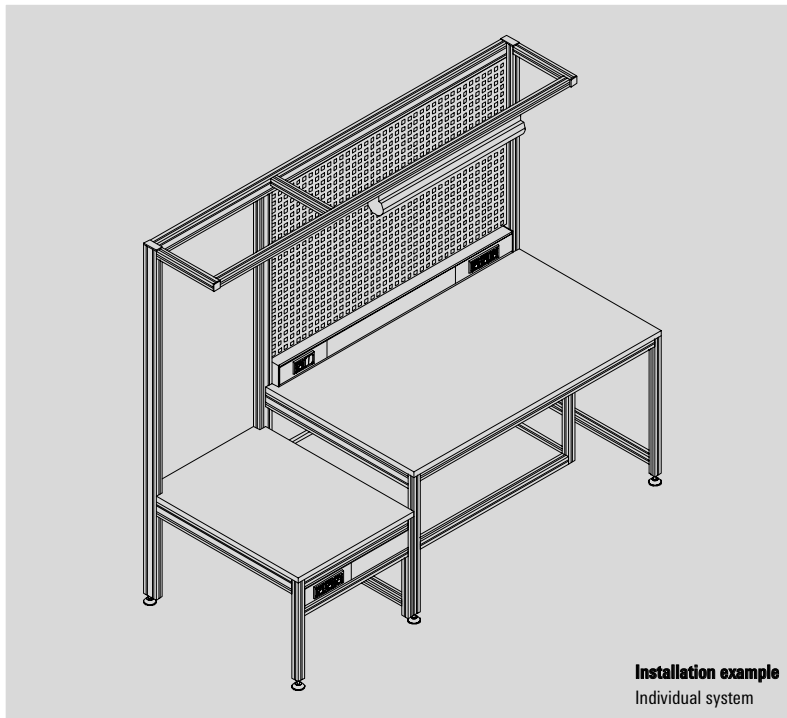
ESD accessories can be used to provide a conductive link between table frames and equipment components and earth them.

Further details are available on request.



Installation example
Standard modular construction

Examples of use



Possible applications

Schüco worktables can be installed as individual workstations or in combination as multiple workstations.

Due to their modular construction, they can be integrated in a wide variety of manufacturing and handling systems.

Individual system

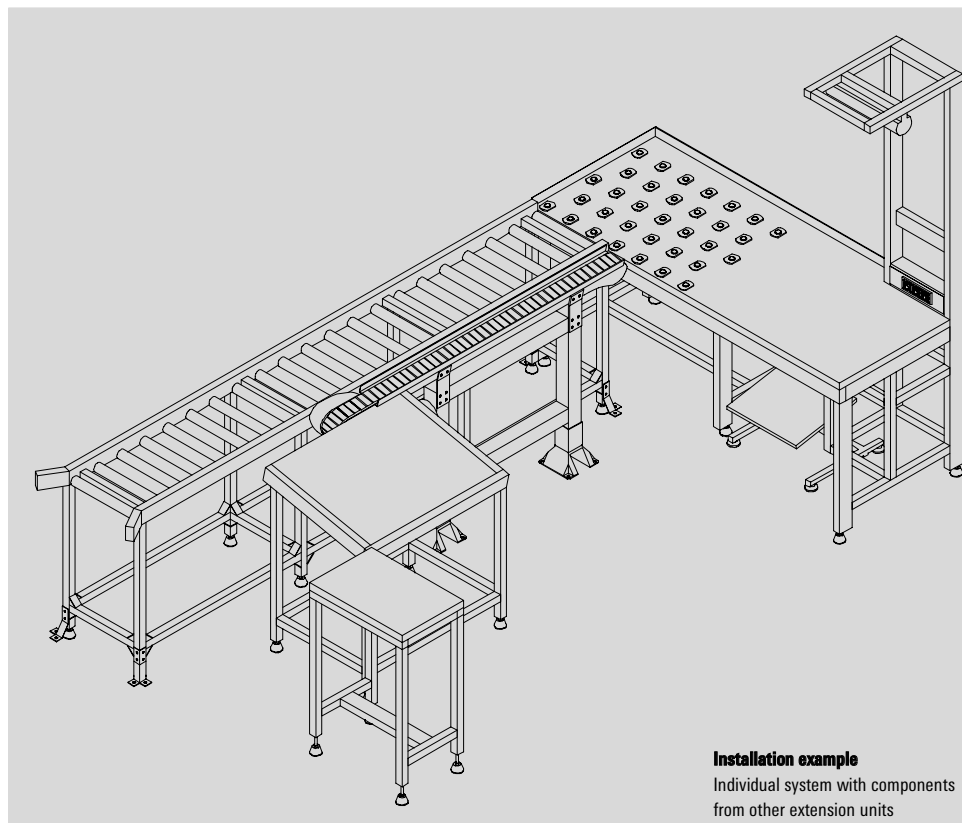
If the possibilities offered by our standard modular construction system are not sufficient, we can provide you with almost unlimited freedom with our customisable individual system.

In this system, the table frames and superstructures are assembled using the basic construction components of the Machine Constructing System.

The resulting flexibility for the type and version of worktable gives the user endless design alternatives.

Another advantage is the optional combination with elements from other extension units, such as protective systems and conveyor and linear handling systems.

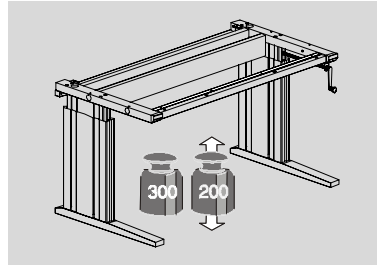
If required, tables can be easily retrofitted and converted.



Standard modular system

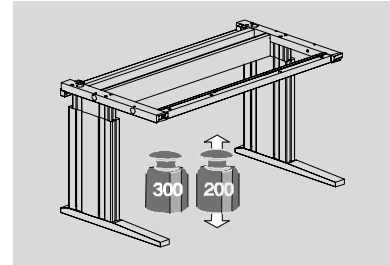
Table frames

- Height-adjustable from 670 to 1070 mm
- Sturdy aluminium profiles with welded steel tube frame
- Simple height adjustment by hand crank or electric motor
- Table loads up to 300 kg (dynamic: up to 200 kg)



Manual height adjustment

- Easy-action adjustment by hand crank



Motor-assisted height adjustm.

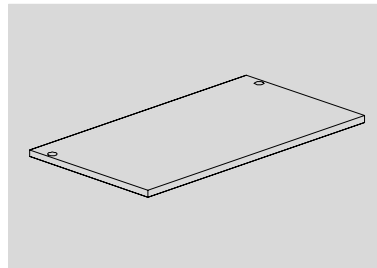
- Adjustment by electric motor
- Simple pushbutton operation
- Ideal where working height needs to be adjusted at frequent intervals

Surface

- All components supplied in pale grey RAL 7035

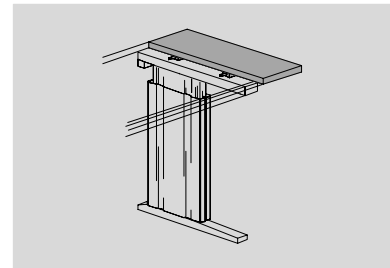
Accessories for table frames

- Includes fixing material for mounting to table frame



Worktop

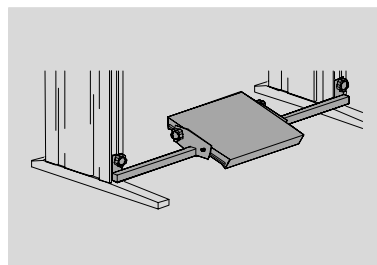
- Hard laminate worktop with wear-resistant surface, non-dazzle
- Dimensions: 1280x700x30 mm
- Holes for accepting add-on elements (closed off by caps)



Worktop extension

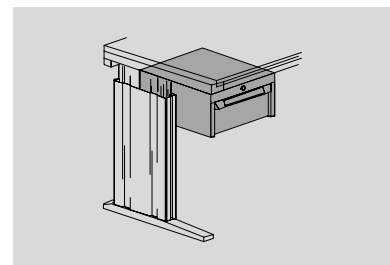
- Worktop extension with two supporting rails
- Dimensions: 400x700x30 mm

Order data:	Part no.:
Table frames and accessories:	
Table frame, height adjustable: by hand crank	537 042
by electric motor (PU = 1 item)	537 043
Hard laminate worktop 1280x700 mm (PU = 1 item)	537 046
Worktop extension 400x700 mm: Left-hand version	537 047
Right-hand version (PU = 1 item)	537 048
Foot rest (PU = 1 item)	537 045
Suspended drawer (PU = 1 item)	537 044



Foot rest

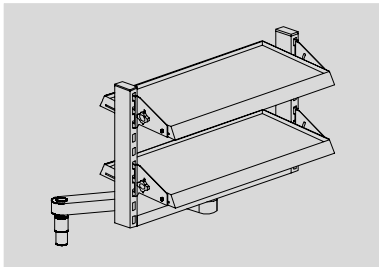
- Foot rest for mounting on the frame
- Adjustable for height, depth and angle (1-20°), slip-resistant surface
- Foot rest moves with frame when height setting is adjusted



Suspended drawer

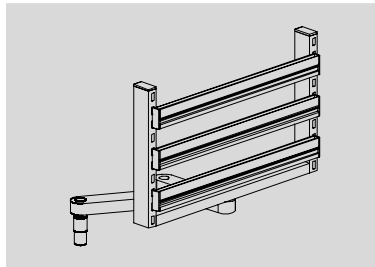
- Suspended drawer with labeling panel and cylinder lock
- Internal dimensions 300x348x127 mm, External dimensions 375x425x190 mm

Add-on units for worktop



Universal frame with oddments tray

- Universal frame with 2 shelves, adjustable in height, depth and angle of inclination
- Shelf area 600x400 mm
- Swivel arm with shaft for inserting into table frame
- Max. load bearing capacity of swivel arm: 30 kg



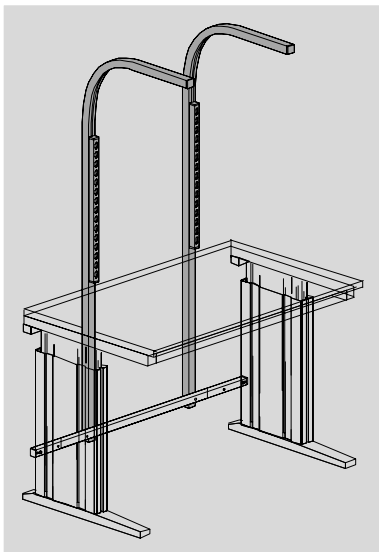
Universal frame with support rail

- Universal frame with 3 support rails for visible storage bins with finger spur (all common makes)
- Adjustable angle of inclination: 0°/19°
- Swivel arm with shaft for inserting into table frame
- Max. load bearing capacity of swivel arm: 30 kg

Order data:	Part no.:
Add-on units:	
Universal frame with 2 oddments trays	537 068
with 3 support rails	537 055
(PU = 1 item)	
Worktop structure / accessories:	
Worktop structure, W 655 mm	924 409
Support rail, W 655 mm	537 052
Workplace lighting	537 054
Guide rail, incl. 1 trolley	537 050
Tool trolley	537 053
(PU = 1 item)	
Energy supply:	
Power connecting cable 3,0 m	537 058
Connecting cable 1,0 m	537 059
Triple socket outlet	537 056
(PU = 1 item)	

Other accessories available on request.

Worktop structure and accessories

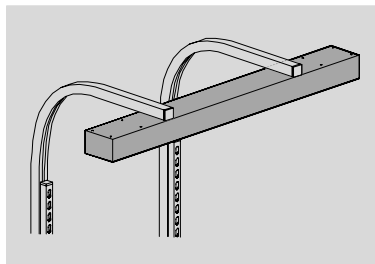


Worktop structure

- Gantry structure for customised use of the area above the work plane
- Supports made of curved aluminium profiles
- Dimensions: 1280x663x1795 mm
- Max. load bearing capacity of gantry: 30 kg

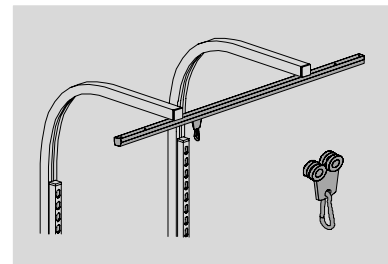
Accessories

- Includes fixing material for mounting to gantry structure



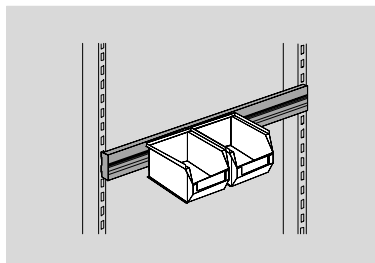
Workplace lighting

- Non-dazzle workplace lighting
- Light intensity approx. 1200 Lux
- Dimensions: 1280x143x90 mm



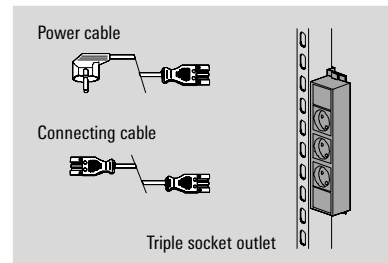
Guide rail

- Guide rail with tool trolley for suspended electrical or pneumatic tools



Support rail

- Support rail for hooking into gantry structure
- Adjustable angle of inclination: 0°/19°
- Suitable for visible storage bins with finger spur (all makes)



Plug-in system for energy supply

- Triple socket outlet for fixing to the gantry structure
- 3 m power cable and 1 m connecting cable for lighting and sockets

Individual system

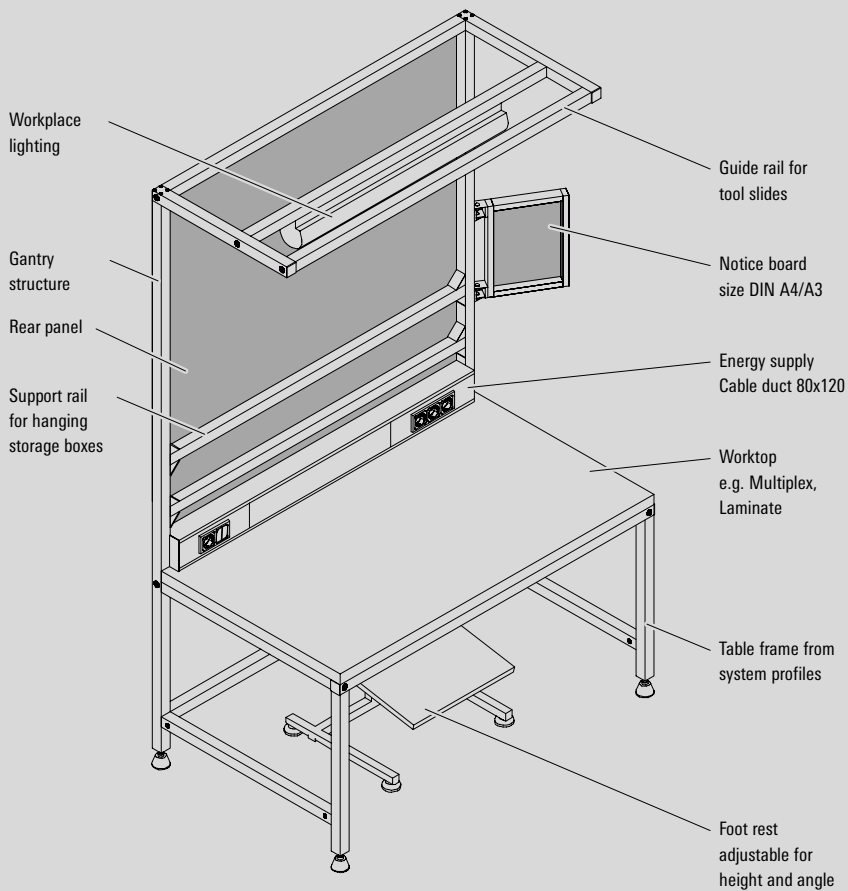


Table frames

Table frames and add-on structures are made from basic-design system profiles featured in the machine construction system. Right-angled or curved gantries can be integrated directly into the frame structure.

Worktop

Multiplex worktop:

Multiple layers of bonded beechwood, non-warping, flat-sanded surface either oiled, waxed or lacquered. Worktop thicknesses: 20, 25, 30, 35, 40 and 50 mm.

Laminate worktop:

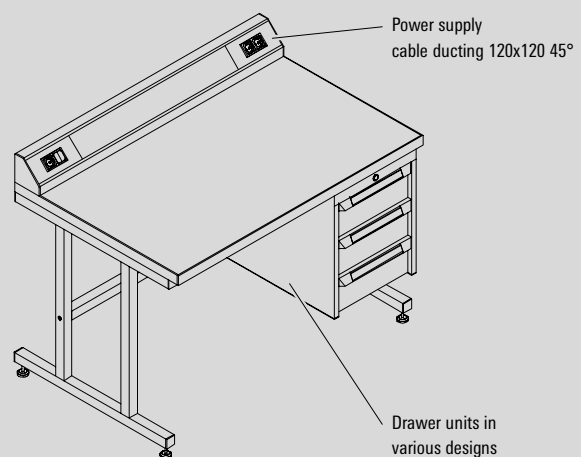
Laminate covered particle board, light grey (similar to RAL 7035), robust ABS edgeband (black) to protect the edges. Worktop thicknesses: 19, 28 and 39 mm. Worktops in other finishes are available on request.

Example configuration

Table frame with gantry structure and accessories

Power supply

Power is supplied to work tables by means of cable duct profiles that can be equipped with socket systems.



Example configuration

Table frame with drawer unit and power ducting

 Schüco International KG

In der Lake 2

33829 Borgholzhausen

Tel. +49 (0)5425 12-0

Fax +49 (0)5425 12-155

e-mail: design@schueco.com

Internet: www.schueco.de/design

Reproduction, even in part, is not permitted except with our approval. We reserve the right to make changes in the interests of technical progress. Our general sales and delivery conditions apply.

© 2004 Schüco International KG

Your local partner

