

MiniTec

MANUAL WORKPLACE SYSTEMS



...save time!

MANUAL WORKPLACE SYSTEMS

Part N° 95.0070/1

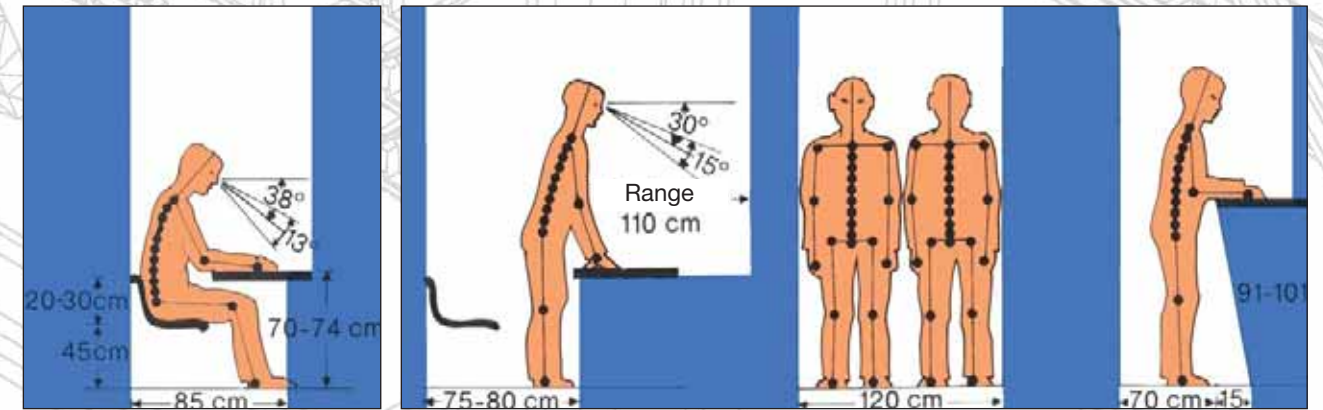
Basic Table Racks

Design of working systems by ergonomics is described under DIN 334000 ff and harmonized European Standard, e.g. DIN ENV 26 385. Objective of ergonomic design is, among others, adaptation of workplace, working space, environment and lighting to human properties and skills. The modular system for designing individual workplaces enables optimal adaptation to task and individual employee concerned.

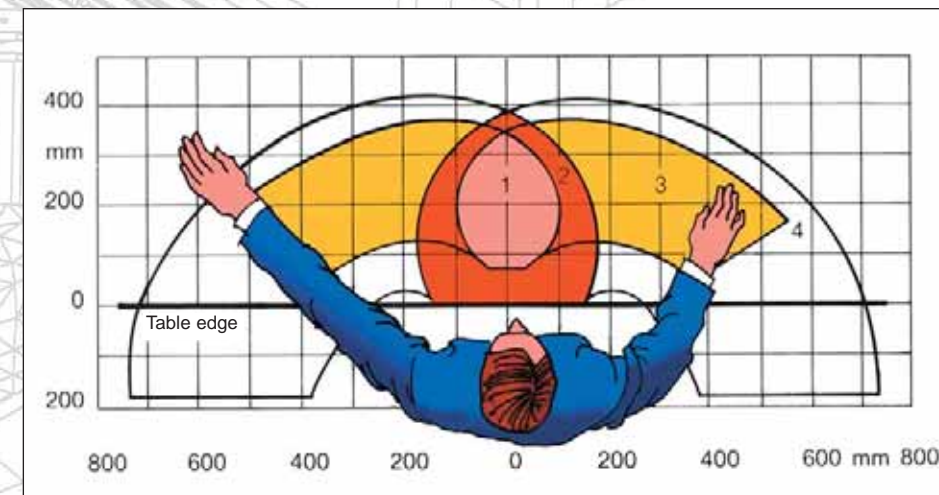
Correct workplace design has, to a high degree, positive effects on employees' health, performance, endurance and concentration.



Standards for Space Requirement

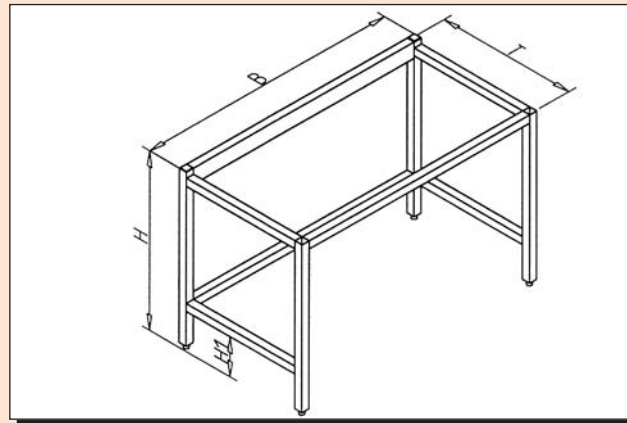


Grab Space



Container table

Part N° 32.0110/0



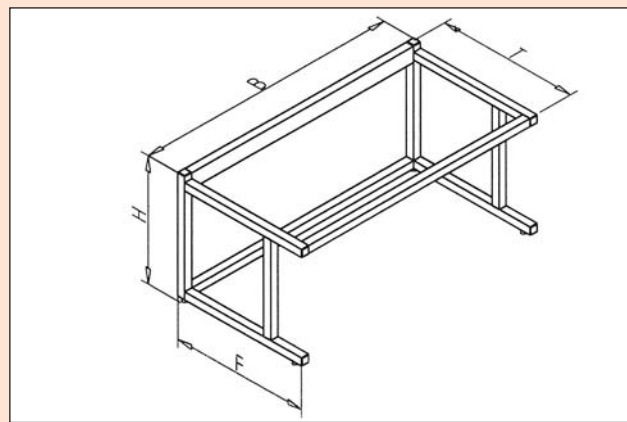
- basic frame, profile mat. 45x45 F, anodized E6/ EV1
- footing GD, height-adjustable for floor level compensation
- mounted electrically conductive with MiniTec profile connectors
- without tabletop
- Tabletops: See page 9 ff

- max. dimensions: B = 2500 mm T = 1500 mm
- seated work position: H = 678 mm without tabletop
- standing work position: H = 878 mm without tabletop
- preferred size: B = 1500 mm T = 800 mm,
- load-carrying capacity: 2000 N at even load distribution
- OPTIONAL: Three-piece screen, chipboard 8 mm, light gray

Please specify desired dimensions B, T and H

Desk table

Part N° 32.0120/0



- basic frame, profile mat. 45x45 F, anodized E6/ EV1
- footing GD, height-adjustable for floor level compensation
- mounted electrically conductive with MiniTec profile connectors
- without tabletop
- Tabletops: See page 9 ff

- max. dimensions: B = 2500 mm T = 1500 mm
- seated work position: H = 678 mm without tabletop
- standing work position: H = 878 mm without tabletop
- preferred size: B = 1500 mm T = 800 mm,
- load-carrying capacity: 2000 N at even load distribution
- OPTIONAL: Three-piece screen, chipboard 8 mm, light gray

Please specify desired dimensions B, T and H

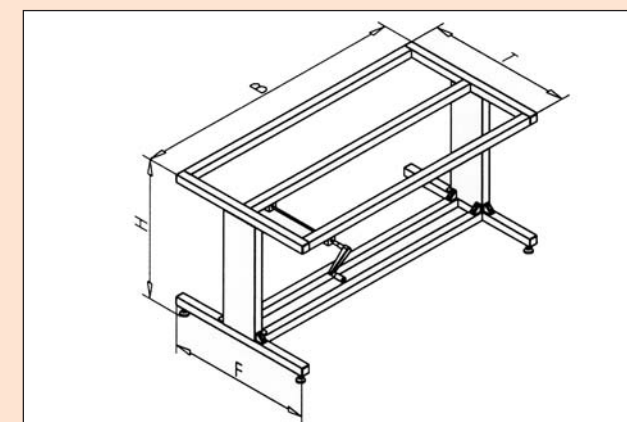
Height-adjustable tables

Freedom of motion is an important prerequisite for non-tiring, concentrated work. The height-adjustable tables allow fast and simple adaptation to the individual height of the employee concerned. Beyond that, the operating position between standing and seating may be varied during course of workday. Permanent postural deformities are thus prevented.



Mechanically height-adjustable table

Part N° 32.0060/0



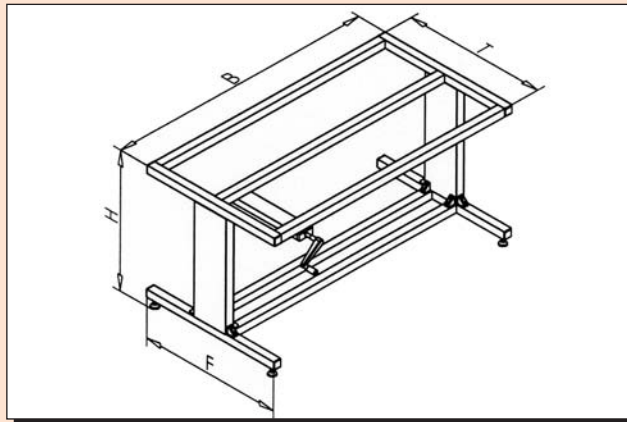
- basic frame, section mat. 45x45 F, anodized E6/ EV1
- footing GD, height-adjustable for floor level compensation
- mounted electrically conductive with MiniTec profile connectors
- height adjustment: By means of retractable crank handle, mounted underneath tabletop, synchronous table adjustment with threaded spindles in profile 45x90 S column sleeves
- without tabletop
- tabletops: See page 9 ff

- adjustment range upper tabletop edge: H= 715 mm up to 1.100 mm
- max. dimensions: B = 2500 mm T = 1500 mm
- standard height: H = 715 mm without tabletop
- preferred size: B = 1500mm T = 800 mm,
- load-carrying capacity: 2000 N at even load distribution

Please specify desired dimensions B, T, H and F

Hydraulically height-adjustable table

Part N° 32.0080/0



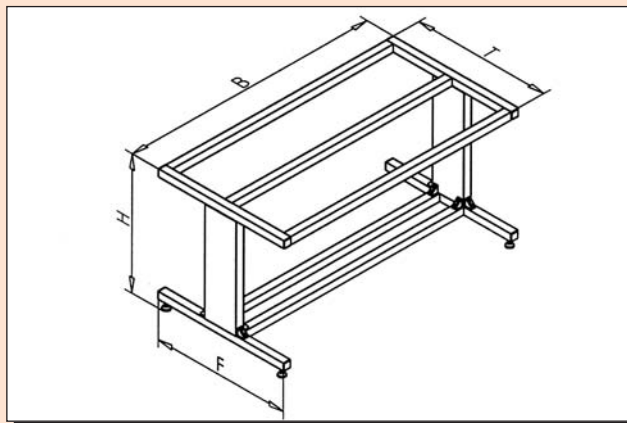
- basic frame, section mat. 45x45 F, anodized E6/ EV1
- footing GD, height-adjustable for floor level compensation
- mounted electrically conductive with MiniTec profile connectors
- height adjustment: Hand pump with retractable crank handle, mounted underneath tabletop, synchronous table adjustment with 2 simplex-acting hydraulic cylinders in column sleeves of profile 45X90 S
- without tabletop, tabletops: See page 9 ff

- adjustment range upper tabletop edge: H: 715 mm to 1.100 mm
- max. dimensions: B = 2500 mm T = 1500 mm
- standard height: H = 715 mm without tabletop
- preferred size: B = 1500 mm T = 800 mm,
- load-carrying capacity: 3000 N at even load distribution

Please specify desired dimensions B, T, H and F

Electrically height-adjustable table

Part N° 32.0070/0



- basic frame, section mat. 45x45 F, anodized E6/ EV1
- footing GD, height-adjustable for floor level compensation
- mounted electrically conductive with MiniTec profile connectors
- height adjustment: With electric servomotor, "Up / Down" switched mounted concealed underneath tabletop, standard connection 240 VAC, synchronous table adjustment with threaded spindles mounted in column sleeves of profile 45X90 S.
- without tabletop, tabletops: See page 9 ff

- adjustment range upper tabletop edge: H: 715 mm to 1.100 mm
- max. dimensions: B = 2500 mm T = 1500 mm
- standard height: H = 715 mm without tabletop
- preferred size: B = 1500 mm T = 800 mm,
- load-carrying capacity: 1600 N at even load distribution

Please specify desired dimensions B, T, H and F

Tabletops

There is choice of various tabletops for coping with different assembly tasks. Max. panel size is 3000 x 1200 mm. We can realize any special sizes within these dimensions. In practice, however, the dimensions stated in the tables have established themselves as standard. These standard panels are immediately available ex stock. The tabletops are attached to the base frame by mounting angle 19 and the chipboard bolts.



Properties Tabletops

	Scratches	Abrasion	Impact	Heat	Oil	Chemicals	ESD, antistatic	Light reflection	Cost factor approx.	Coating thickness
Melamin	○	○	○	○	○	○	○	○	1,0	0,2
Plastic	●	●	●	●	●	○	○	○	1,2	0,6
Linoleum	○	●	●	●	●	○	○	○	1,7	2,5
Multiplex	○	●	○	●	○	○	○	○	1,8	-
Rubber conducting	●	○	○	●	●	○	○	○	2,7	2,0
Melamine conducting	○	○	○	○	○	○	○	○	2,6	0,2

- Perfectly suitable
- conditionally suitable
- rather not suitable
- unsuitable

Tabletop Melamine, light gray, 22



- Melamine, light gray
- Thickness: 22 mm
- E1 3 - Laminated chipboard, on both sides
- Fine structure, impact-resistant plastic edge band

Width	Depth	Part N°
1000	800	32.0411/0
1500	800	32.0412/0
2000	800	32.0413/0
Other dimensions		32.0410/0

Tabletop Multiplex, Beech, natural, 22



- Multiplex, natural, 22 mm
- Robust beech multi-ply panel
- High-pressure waterproof, crosswise glued
- Polished, natural
- Clear varnish or oiled upon inquiry

Width	Depth	Part N°
1000	800	32.0441/0
1500	800	32.0442/0
2000	800	32.0443/0
Other dimensions		32.0440/0

Tabletop plastic, light gray, 22



- PVC, white gray 22 mm
- PVC coating on E1 3 on both sides - laminated chipboard
- Impact-resistant plastic edge band

Width	Depth	Part N°
1000	800	32.0421/0
1500	800	32.0422/0
2000	800	32.0423/0
Other dimensions		32.0420/0

Tabletop rubber, conductive, 22



- Rubber conductive, platinum gray, 22 mm
- Homogeneous, el. cond. ESD coating on E1 3 laminated chipboard - press-glued with countermove, impact-resistant plastic edge band
- Bleeder RA DIN 51953 105 - -107 Ohm

Width	Depth	Part N°
1000	800	32.0451/0
1500	800	32.0452/0
2000	800	32.0453/0
Other dimensions		32.0450/0

Tabletop Linoleum, light gray, 22



- Linoleum, light gray 22 mm
- Wear-resistant, rugged
- Permanently antistatic
- E1 3 - Laminated chipboard, impact-resistant plastic edge band

Width	Depth	Part N°
1000	800	32.0431/0
1500	800	32.0432/0
2000	800	32.0433/0
Other dimensions		32.0430/0

Tabletop Melamine, conductive, light gray, 25



- Melamine, conductive, light gray 25 mm
- Electrically conductive ESD Melamine coating on E1 3 laminated chipboard, scratch resistant and abrasion-proof acc EN 438-1, impact-resistant plastic edge band
- Bleeder RA DIN 51953
- $\lt;1 \times 10^9 \rightarrow 7.5 \times 10^5$ Ohm

Width	Depth	Part N°
1000	800	32.0461/0
1500	800	32.0462/0
2000	800	32.0463/0
Other dimensions		32.0460/0

Tabletop plastic, 40



- PVC, white-gray 40 mm
- PVC coating on E1 3 on both sides - laminated chipboard
- impact-resistant plastic edge band

Width	Depth	Part N°
1000	800	32.0471/0
1500	800	32.0472/0
2000	800	32.0473/0
Other dimensions		32.0470/0

Tabletop Linoleum, 40



- Linoleum, light gray 40 mm
- Wear-resistant, rugged
- Permanently antistatic
- E1 3 - Laminated chipboard, impact-resistant plastic edge band

Width	Depth	Part N°
1000	800	32.0481/0
1500	800	32.0482/0
2000	800	32.0483/0
Other dimensions		32.0480/0

Tabletop Multiplex, 40

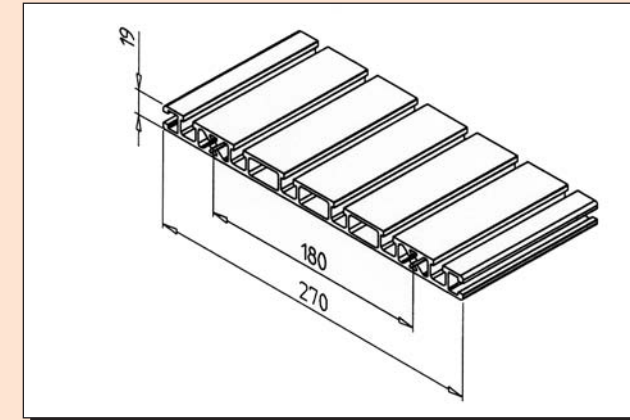


- Multiplex, natural, 40 mm
- Robust beech multi-ply panel
- High-pressure waterproof, crosswise glued
- Polished, natural
- Clear varnish or oiled upon inquiry

Width	Depth	Part N°
1000	800	32.0491/0
1500	800	32.0492/0
2000	800	32.0493/0
Other dimensions		32.0490/0

Profil 270 x 19

Part N° 20.1077/0

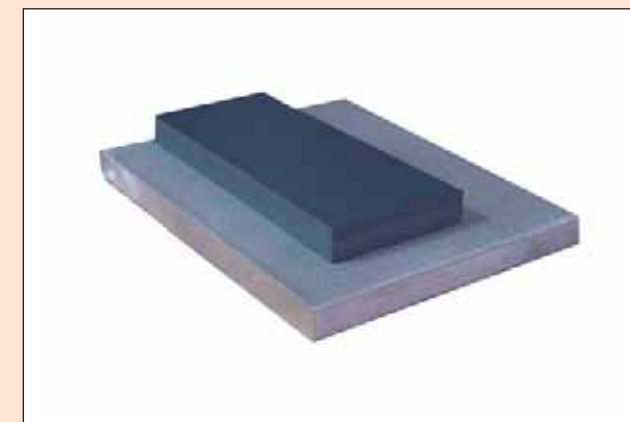


lx =	1320,358	cm ⁴
ly =	10,252	cm ⁴
wx =	97,804	cm ⁴
wy =	10,060	cm ⁴
Weight	5,507	kg/m
Length	6	m
Package unit	18	m

- Clamping plates
- Training installations
- Base plate for devices

ALU / PVC / Other materials

Part N° 32.0401/0



- Aluminum, PVC or panels of other materials available upon inquiry

Under Counter Cabinets with Drawers

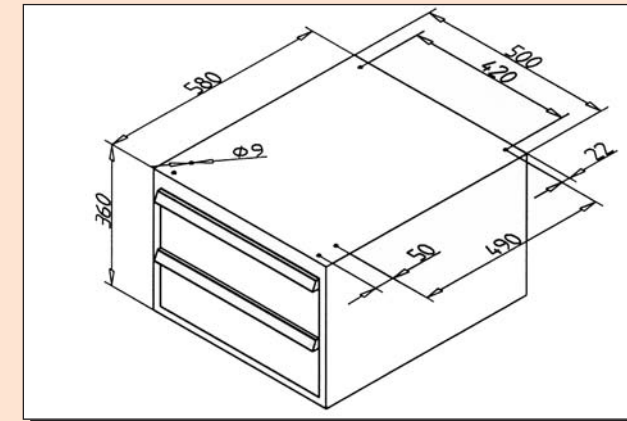
Under counter cabinets with drawers take care of perfect order at work. There are suitable heights, compartments or inserts for any requirement. All under counter cabinets are available for left or right installation at choice. All housings are massive sheet steel construction.



- Load capacity: up to 200 kg
- Standard with center locking, individual drawer locking and cylinder lock with 2 keys
- Varnish: Light gray RAL 7035
- Simple installation
- Load capacity of individual drawers is up to 35 kg, can be pulled out up to 80%, perforated bottom

- Standard with large labeled handle bar
- Varnish: Brilliant blue RAL 5007

Under counter cabinet with drawers, drawer 150/150 Part N° 32.0810/0

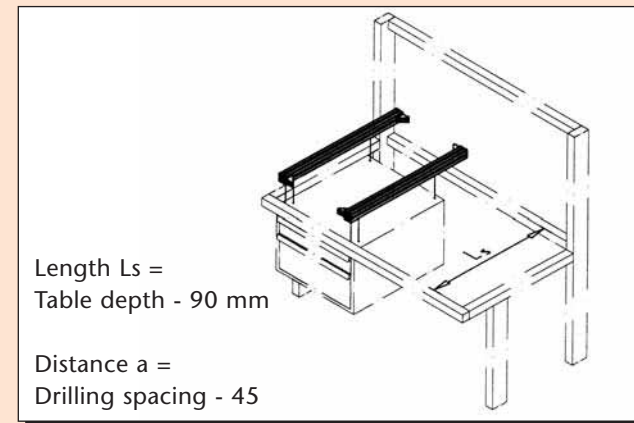
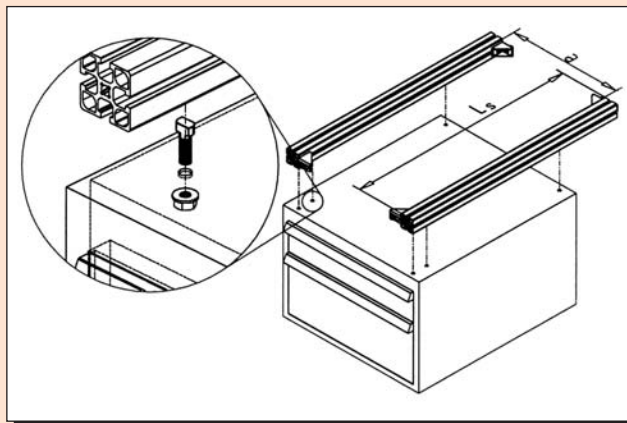


- Under counter cabinet with drawers
- 2 drawers H = 150 mm,
- With perforated bottom, front: blue lacquered,
- Large handle bar with label adapter
- Can be pulled out up to 80%
- Individual drawer locking

- Max. load capacity per drawer: 35 kg
- Housing sheet steel, light gray lacquered,
- W x D x H = 500 x 580 x 360 mm
- Max. load capacity per cabinet: 200 kg
- Cylinder lock with 2 keys, center locking for all drawers
- Installation:
With mounting set to strut profiles see p. 14

Attachment Set Counter Cabinet

Part N° 32.0802/0



Length Ls =
Table depth - 90 mm

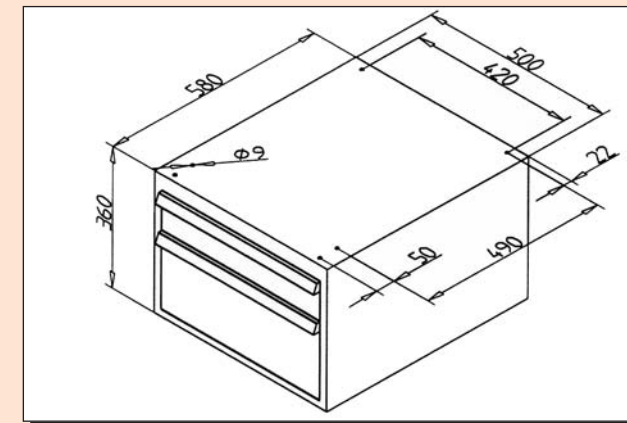
Distance a =
Drilling spacing - 45

- 2 aluminum profiles 45x45 UL, anodized E6/ EV1
- 4 mounting angles 45 with mounting material
- 4 T-head bolts with nuts M8

Please state length of profiles "Ls".

- Assembly**
- Screw mounting set to base at spacing "a"
 - Remove drawers from counter cabinet
 - Preassemble T-head bolts to counter cabinet
 - Pivot counter cabinet with T-head bolts into profile groove and tighten nuts

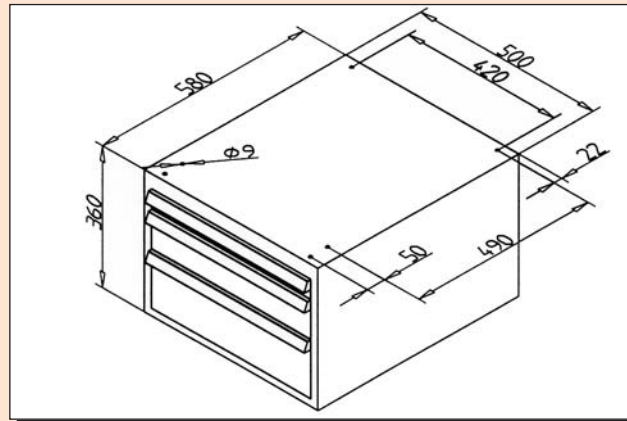
Under counter cabinet with drawers, drawer 100/200 Part N° 32.0811/0



- Cabinet with drawers
- 1 drawer H = 100 mm, 1 drawer H = 200 mm
- With perforated bottom, front: blue lacquered,
- Large handle bar with label adapter
- Can be pulled out up to 80%
- Individual drawer locking

- Max. load capacity per drawer: 35 kg
- Housing sheet steel, light gray lacquered
- W x D x H = 500 x 580 x 360 mm
- Max. load capacity per cabinet: 200 kg
- Cylinder lock with 2 keys, center locking for all drawers
- Installation:
With mounting set to strut profiles see p. 14

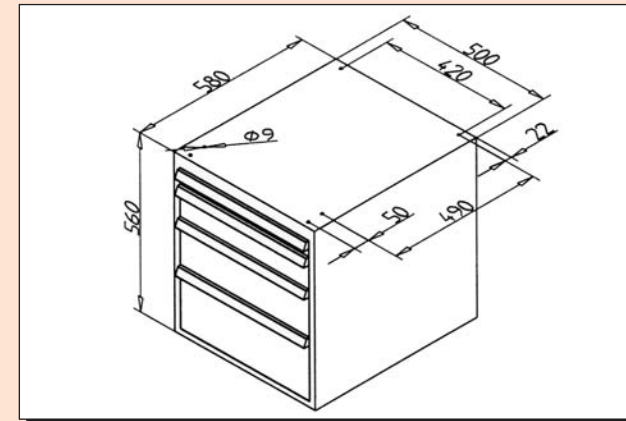
Under counter cabinet with drawers, drawer 50/100/150 Part N° 32.0812/0



- Cabinet with drawers
- 1 drawer H = 50 mm, 1 drawer H = 100 mm, 1 drawer H = 150 mm
- With perforated bottom, front: blue lacquered
- Large handle bar with label adapter
- Can be pulled out up to 80%
- Individual drawer locking

- Max. load capacity per drawer: 35 kg
- Housing sheet steel, light gray
- W x D x H = 500 x 580 x 360 mm
- Max. load capacity per cabinet: 200 kg
- Cylinder lock with 2 keys, center locking for all drawers
- Installation: With mounting set to strut profiles see p. 14

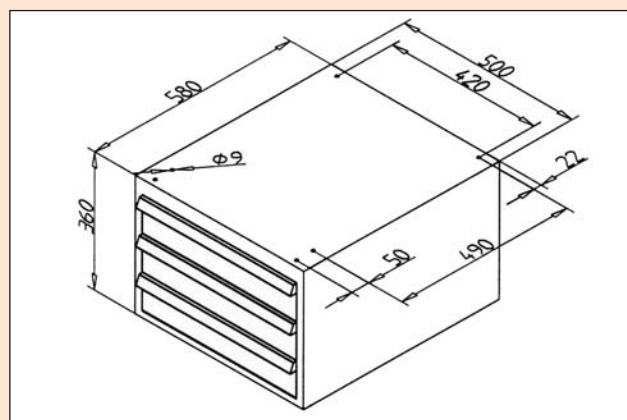
Under counter cabinet with drawers, shelf 50/100/150/200 Part N° 32.0814/0



- Cabinet with drawers
- 1 drawer H = 50 mm, 1 drawer H = 100 mm, 1 drawer H = 150 mm, 1 drawer H = 200 mm
- with perforated bottom, front: blue lacquered
- Large handle bar with label adapter
- Can be pulled out up to 80%
- Individual drawer locking

- Max. load capacity per drawer: 35 kg
- Housing sheet steel, light gray
- W x D x H = 500 x 580 x 560 mm
- Max. load capacity per cabinet: 200 kg
- Cylinder lock with 2 keys, center locking for all drawers
- Installation: With mounting set to strut profiles see p. 14

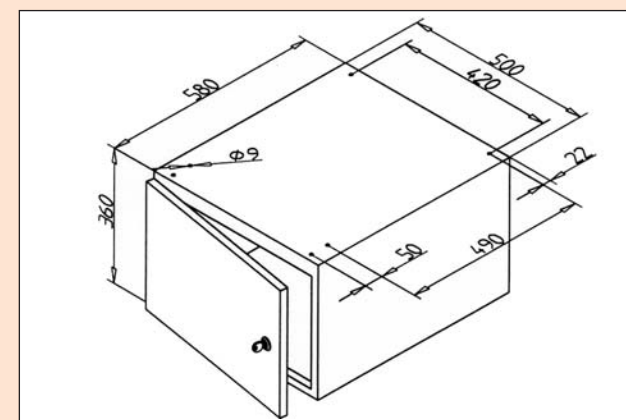
Under counter cabinet with drawers, drawer 100/100/100 Part N° 32.0813/0



- Cabinet with drawers
- 3 drawers H = 100 mm
- With perforated bottom, front: blue lacquered
- Large handle bar with label adapter
- Can be pulled out up to 80%
- Individual drawer locking

- Max. load capacity per drawer: 35 kg
- Housing sheet steel, light gray lacquered
- W x D x H = 500 x 580 x 360 mm
- Max. load capacity per cabinet: 200 kg
- Cylinder lock with 2 keys, center locking for all drawers
- Installation: With mounting set to strut profiles see p. 14

Under counter cabinet with doors, small, left Part N° 32.0815/0

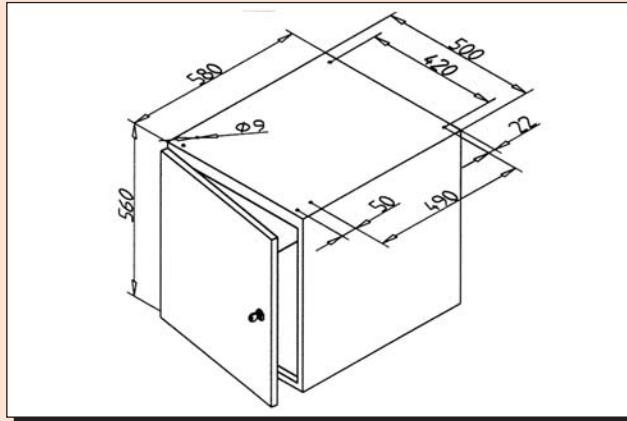


- Under counter cabinet with doors, small, left
- Housing sheet steel, light gray
- Door: Sheet steel, blue lacquered

- Max. load capacity per cabinet: 200 kg
- W x D x H = 500 x 580 x 360 mm
- Cylinder lock with 2 keys, 1 shelf for cabinet
- Version right, Art. no. 32.0815/1
- Install with mounting set, Art. no. 32.0802/0 see page 14

Under counter cabinet with doors, large, left

Part N° 32.0816/0

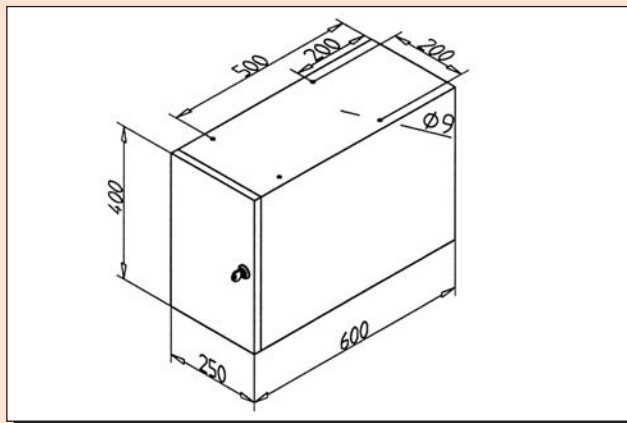


- Under counter cabinet with doors, large, left
- Housing sheet steel, light gray
- Door: Sheet steel, blue lacquered

- Max. load capacity per cabinet: 200 kg
- W x D x H = 500 x 580 x 560 mm
- Cylinder lock with 2 keys, 1 shelf for cabinet
- Design right, Art. no. 32.0816/1
- Installation:
With mounting set to strut profiles see p. 14

Utensils cabinet, left

Part N° 29.4712/0



- Utensils cabinet, left
- Sheet steel, lacquered RAL 7012

Weight 7.85 kg

- W x D x H = 250 x 600 x 400 mm
- Safety cylinder lock
- Installation:
With mounting set to strut profiles see p. 14

WORKTABLE WITH LATERAL SHIFT



ASSEMBLY STATION FOR BRAKE LINES

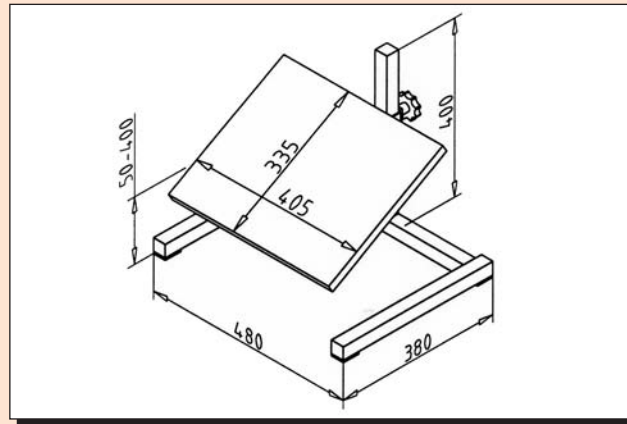
ASSEMBLY TABLE WITH PROVISION OF TOOLS



WORKSTATION WITH INCLINED WORKING PLANE

Foot rest ECO

Part N° 32.0155/0

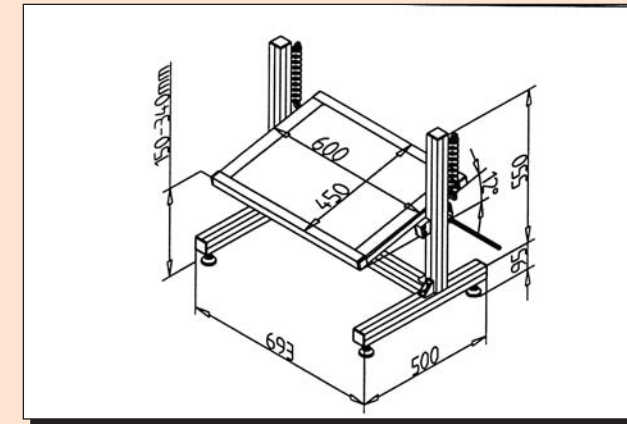


- Rugged tubular steel frame made of 30 mm rectangular tube with abrasion-proof floor gliders
 - completely assembled
 - Foot rest: Grooved antiskid rubber
 - W x D x H 400 x 330 x 410 mm
- Weight 5.7 kg

- Height-adjustable and inclinable
- Inclination adjustable by foot
- Foot rest for non-tiring work
- free-standing

Foot rest Comfort

Part N° 32.0165/0

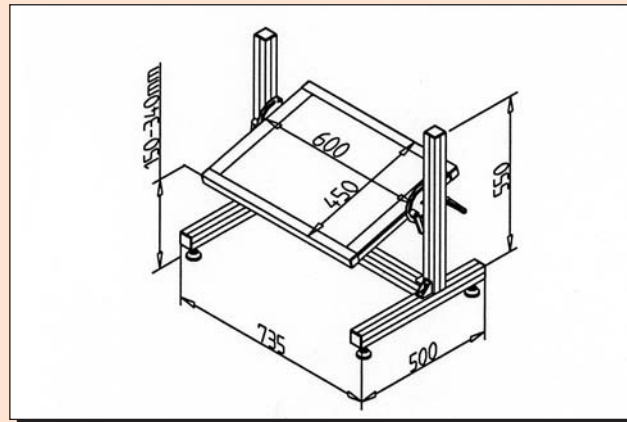


- Base construction profile 45 x 45 under tables, workstations
 - Completely assembled
 - Foot rest: Chipboard, coated, oil-resistant
 - Conductive upon inquiry
- Weight 7,78 kg

- Spring-tensioned height adjustment, height adjustable from seating position
- Foot rest for non-tiring work
- Free-standing

Foot rest Standard

Part N° 32.0160/0

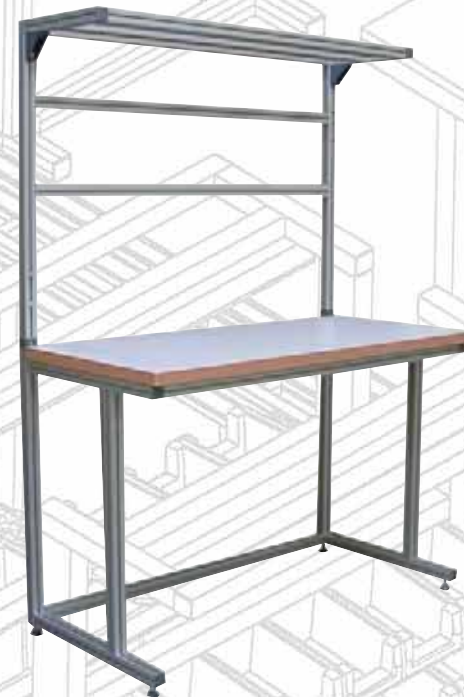


- Base construction profile 45 x 45 under tables, workstations
 - Completely assembled
 - Foot rest: Chipboard, coated, oil-resistant
 - Conductive upon inquiry
- Weight 4,7 kg

- Height and inclination manually adjustable
- Foot rest for non-tiring work
- Free-standing

Basic portal construction with extension arm

Low-stress work is asking for optimal design of grab space at work under ergonomic points of view. This means that devices, parts and tools are arranged in suitable work zones and at right levels. Order at work is basis of quality. Energy supply or data line is integrated in the portal structure ensuring energy availability close to working area without cable mess. Compressed air is run within the profile. In addition, the construction serves for ergonomic attachment of grab trays, swivel arms, lighting and information material.

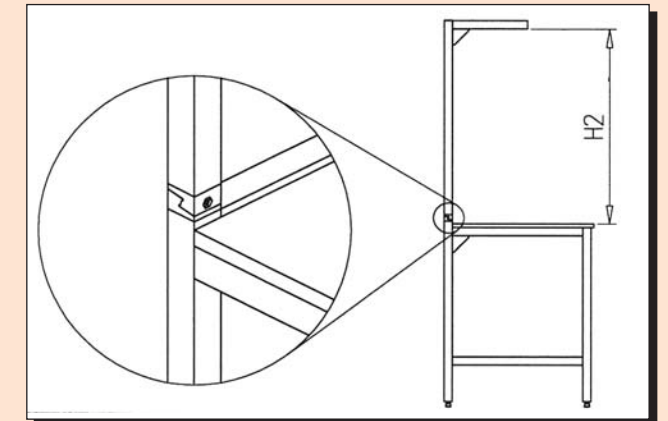
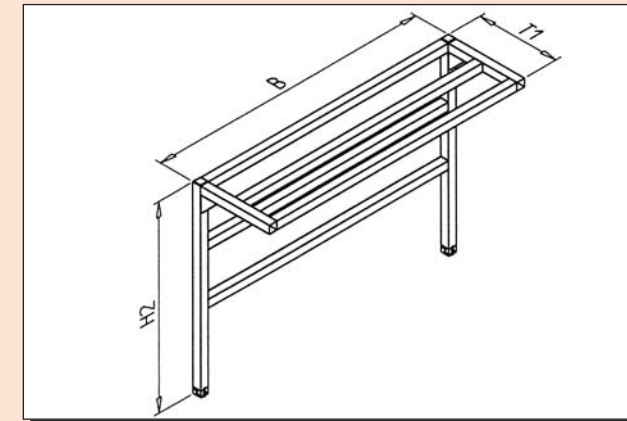


- Stable frame made of profile 45x45, anodized E6/EV1, integrated compressed-air ducting
- Air supply through rapid action couplings possible at any position of the vertical struts
- Assembled ready to go, electrically conductive
- for later installation to worktables



Extension arm, desk table and box-type table

Part N° 32.0205/0



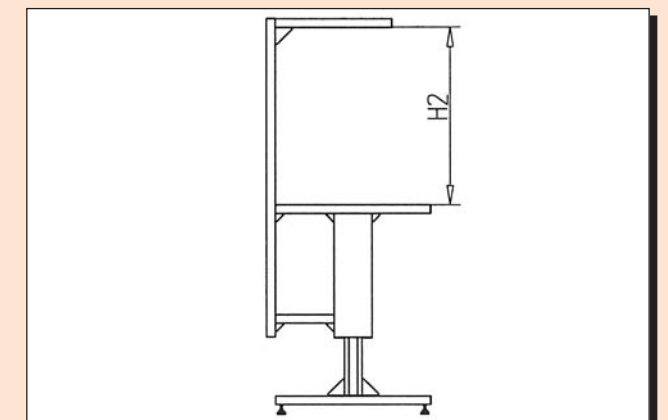
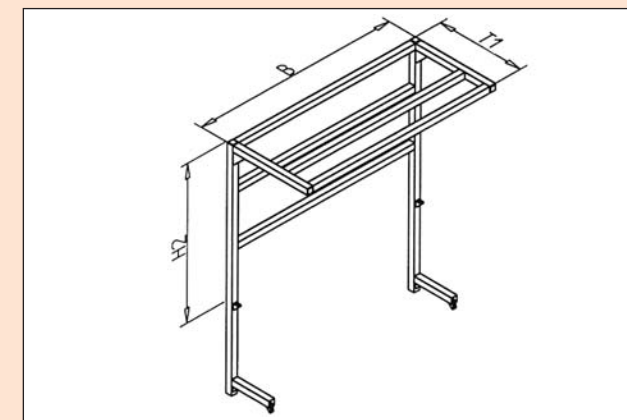
- 2 vertical struts made of aluminum profile 45x45
- 5 cross struts, aluminum profile 45x45 F, anodized E6, EV1
- 2 assembly blocks 45 GD, gray, powder-coated
- Screw one half each to rear struts of base
- 2nd half to be attached to lower part of portal struts
- Put on portal and tighten cross bolt

- Options:
- Additional cross struts made of profile 45x45 F; specify number
 - Compressed-air supply in vertical struts: 1 rapid action coupling 1/4 mounted at upper end
 - Borings on lower end of strut closed with blanking plug
 - One or more lateral ports with rapid action coupling 1/8 or 1/4

Please specify dimensions B, H2 and T1 and position of compressed-air tapping

Extension arms for height-adjustable tables

Part N° 32.0210/0



- 2 vertical struts made of aluminum profile 45x45
- 5 cross struts, aluminum profile 45x45 F, anodized E6, EV1
- 4 angle brackets 45x90
- Mount portal to frame and lifting column using mounting angles
- Portal will move together with tabletop
- Spacing of grab trays vs working level will not change during motion

- Options:
- Additional cross struts made of profile 45x45 F; specify number
 - Compressed-air supply in vertical struts: 1 rapid action coupling 1/4 mounted on upper end,
 - Borings on lower end of strut closed with blanking plug
 - One or more lateral ports with rapid action coupling 1/8 or 1/4

Please specify dimensions B, H2 and T1 and position of compressed-air tapping

Lighting

Selection of correct lighting is of paramount importance for optimal workplace design. Lighting has both influence on performance and tiredness, quality and safety at work.

Illuminance:

Illuminance on useful plane for demanding assembly and test work should be about 1100 lx. A rated illuminance of 1500 lx is recommended for very high requirements on eye sight such as optical work, assembly of electronic components, color control, etc.

Luminance distribution:

In the field of view, reflecting or self-luminous areas may cause great differences in luminous density (contrasts). Eye sensitivity correspondingly adapts itself according to luminous density within radius of action. Frequent change between very light and very dark areas will stress the eye by continuous change of sensitivity. Therefore, luminous density difference at work should not be more than 3:1.



Glare:

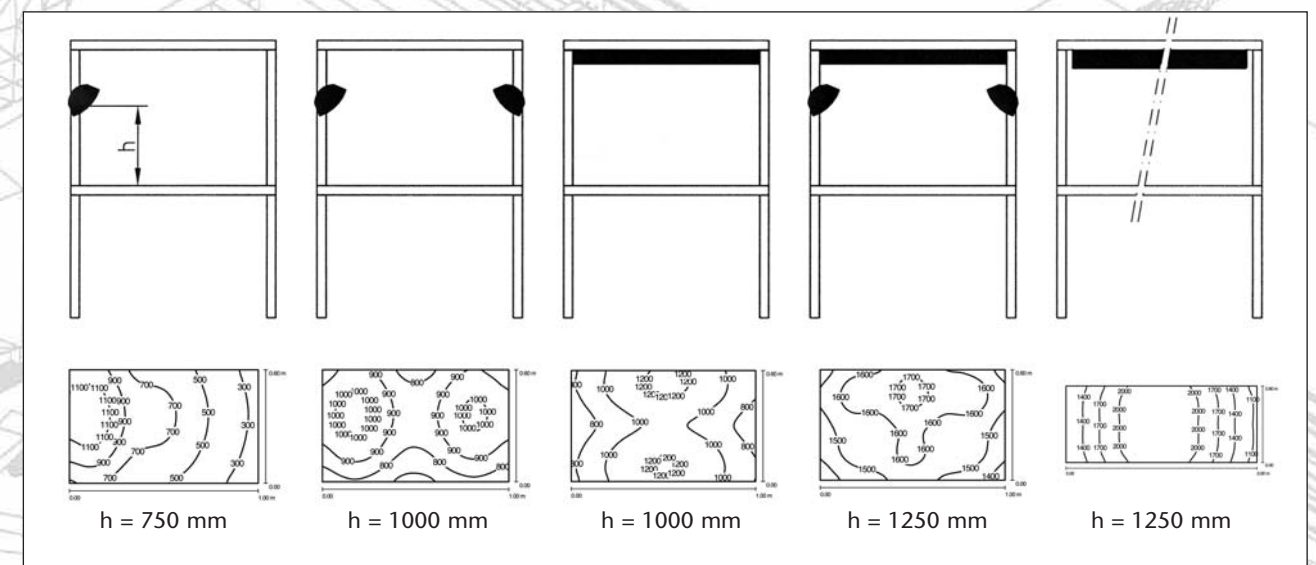
Glare sensation depends on luminous density, size of lighting surfaces and incident angle of light. Dazzling can be limited using reflectors, spill shields or built-in components. At the same time, sufficient shadow effect should be given for discriminating bodies and surfaces safely. All efforts should aim at shadows with soft edges and the light should be obliquely incident from above as natural light does.

Illuminant color:

Illuminant color has great influence on psychic sensation. Normally one would appreciate neutral-white light (4000 k) as relaxing and agreeable. Daylight-white lighting should only be provided for color test or quality control at high rated Illuminance.

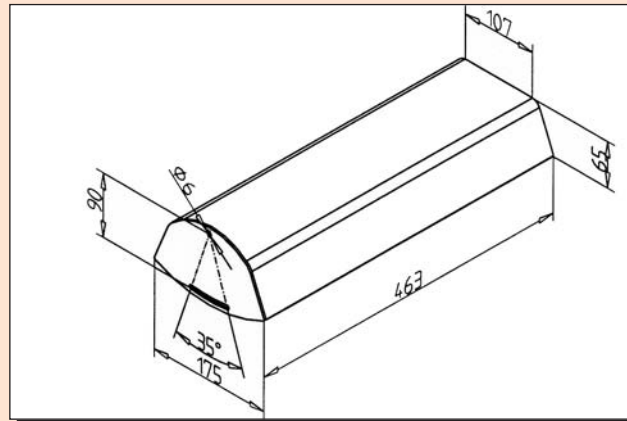
Illuminance depending on level h of luminaire against working surface

h [m]	Side luminaire 36		2 x Side luminaire		36 Center luminaire		78 Luminaire 78, 2 x luminaire 36		Center luminaire 116				
	E/max [lx]	E/medium [lx]	E/max [lx]	E/medium [lx]	E/max [lx]	E/medium [lx]	X [m]	E/max [lx]	E/medium [lx]	E/max [lx]	E/medium [lx]		
0,75	1260	670			2045	1564							
1,00	638	497	20	1043	894	1237	1003	0,25	20	2698	2354	3315	2471
								0,50	20	3849	3099		
1,25	402	329	15	704	626	808	672	0,25	15	1736	1568	2258	1789
1,50	276	232	15	510	457	567	497					1684	1402
Working surface 1000 x 600											2000 x 800		



Side luminaire 36

Part N° 33.0600/0

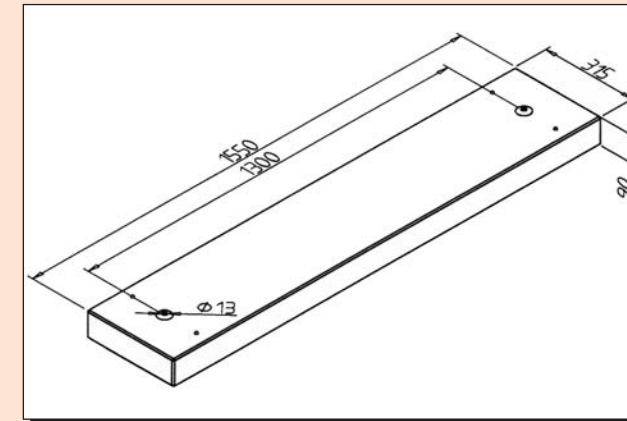


Length	463 mm
Rating	36 W
Component parts	1x TC-L 36 W
- electronic series reactor	
- cpl. with power cord L = 3 m and connector	
- switch in lamp housing	
- housing: aluminum, lacquered light gray	
- mounting set	
Weight	2.1 kg

- mean illuminance on useful plane at 1 m distance 533 lx
- current consumption: 0.16 A
- operating frequency: > 40 kHz
- nominal voltage: 250 V - 50 Hz
- lamp burning life: 12000 h

Center luminaire 116

Part N° 33.0610/0

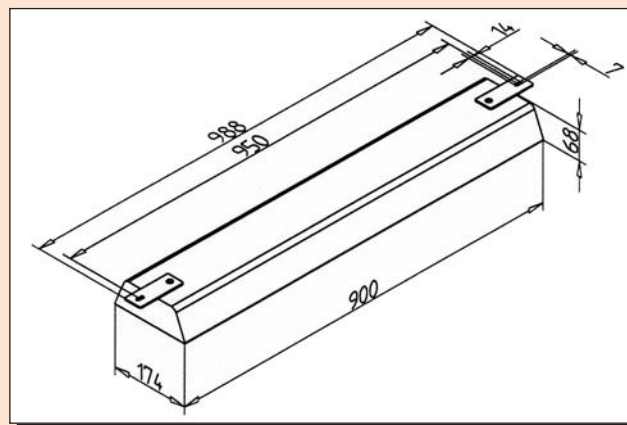


Length	1250 mm
Rating	116 W
Component parts	2x T26 58 W
- electronic series reactor	
- switch in lamp housing	
- housing: Sheet steel, lacquered industrial white	
- without power cord and connector, connection by skilled person	
Weight	7.6 kg

- mean illuminance on useful plane at 1.5 m distance 1402 lx
- current consumption: 0.49 A
- operating frequency: > 40 kHz
- nominal voltage: 250 V - 50 Hz
- lamp burning life: 16000 h

Center luminaire 78

Part N° 33.0605/0



Length	895 mm
Rating	78 W
Component parts	2x TS 39 W
- electronic series reactor	
- ready to be installed with power cord L = 3 m and connector	
- switch in lamp housing	
- housing: aluminum, lacquered light gray	
- mounting set	
Weight	4,2 kg

- mean illuminance on useful plane at 1 m distance 1056 lx
- current consumption: 0.38 A
- operating frequency: > 40 kHz
- nominal voltage: 250 V - 50 Hz
- lamp burning life: 16000 h

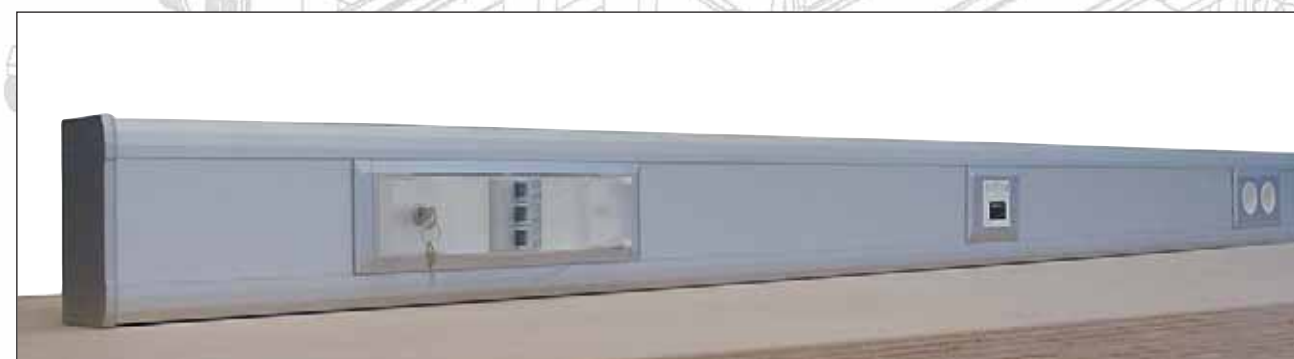
Power supply

The MiniTec energy supply ducting system for electrics and compressed air in a three-chamber system for individually built-in energy supply components arrangement:

Cable channels equipped and completely wired exactly as you desired simplify installation of your workplace considerably. Our experienced experts will gladly take on component insertion for you. The cable channel is equipped with 4 m supply line with safety plug or CEE connector for immediate connection. This will save installation carried out by your approved in-house electricians.

You will receive a meaningful test certificate along with the cable channel equipped and installed by us. Both cable channel and cover are made of aluminum, naturally anodized. Only branded high-quality products are employed as built-in components.

Following table is to simplify definition of component insertion requested by you. Later installation of further components by approved electrician is possible at any time.



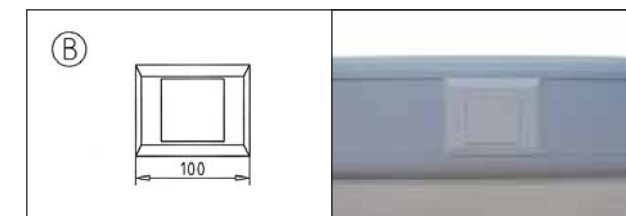
<p>CABLE DUCT 130 AL Part N° 32.0710/0</p> <ul style="list-style-type: none"> - Accommodation of sockets, switches, telecommunication terminals, safety switches, etc. 	<p>COVER FOR CABLE DUCT 130 Part N° 32.0711/0</p> <ul style="list-style-type: none"> - Press cover onto profile 	<p>END PANEL FOR CABLE DUCT 130 Part N° 32.0712/0</p> <ul style="list-style-type: none"> - molded plastic article - lacquered in aluminum color
--	---	--

Energy supply ducting system component insertion

KEY-OPERATED SWITCH Part N° 32.0720/0 **TWO-WAY SWITCH** Part N° 32.0725/0

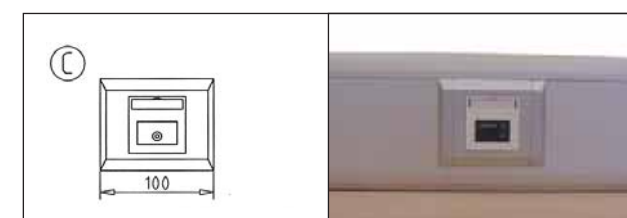


- Two-way switch 16 A, two-pole



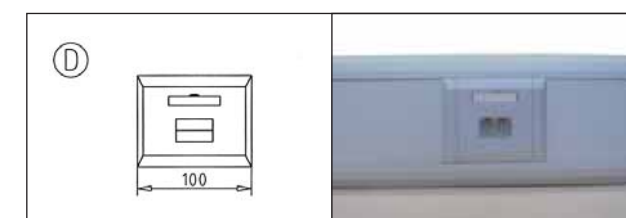
- Two-way switch 16 A, single-pole

OVERVOLTAGE PROTECTION Part N° 32.0721/0



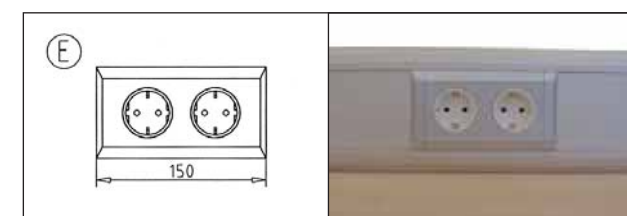
- U_{rated} = 230V AC

DATA CONNECTION BOX CAT6 Part N° 32.0722/0



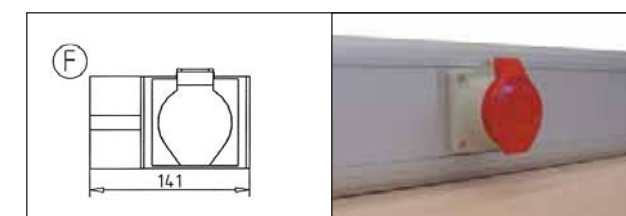
- RJ 45, 2-fold Link E, up to 250 MHz
- cpl. with faceplate horizontal

CHANNEL SOCKET Part N° 32.0723/0



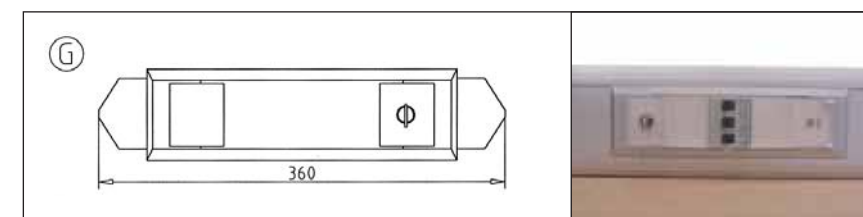
- with protective contact according to DIN

SOCKET CEE 16 A Part N° 32.0724/0



- for plugs DIN, five-pole

FLUSH-MOUNTING DISTRIBUTION BOARD Part N° 32.0730/0

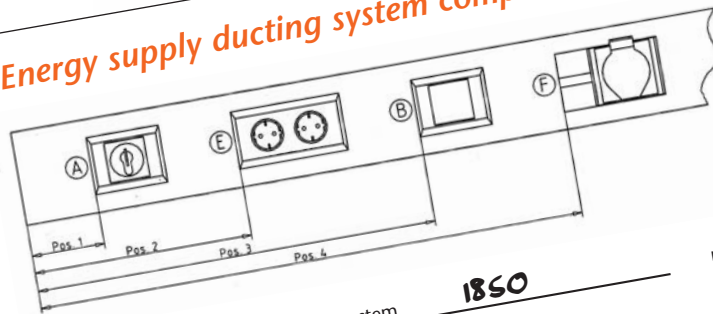


- three-phase
- cpl. with built-in faceplate, lock

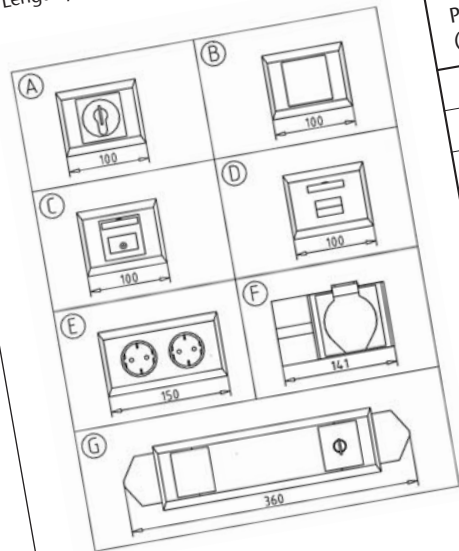
- Can be equipped with automatic circuit breaker B10, automatic circuit breaker B16, fault-current circuit breaker single-pole 16 A/30 mA

EXAMPLE

Energy supply ducting system component insertion



Total length energy supply ducting system 1850 mm
 Minimum clearance between two built-in components: 100 mm
 Length power cord 2100 mm from left from right



Position (Pos x)	Part A-G	Position from Edge in mm
Pos 1	A	150
Pos 2	E	350
Pos 3	B	600
Pos 4	F	960

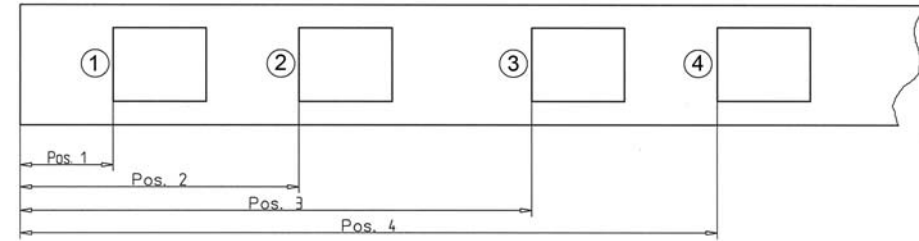
Component parts flush-mounting distribution board (G)

- automatic circuit breaker B 10
- automatic circuit breaker B 16
- fault-current circuit breaker single-pole 16A/30mA

Company _____
 Contact _____
 Phone _____
 Fax _____
 E-Mail _____



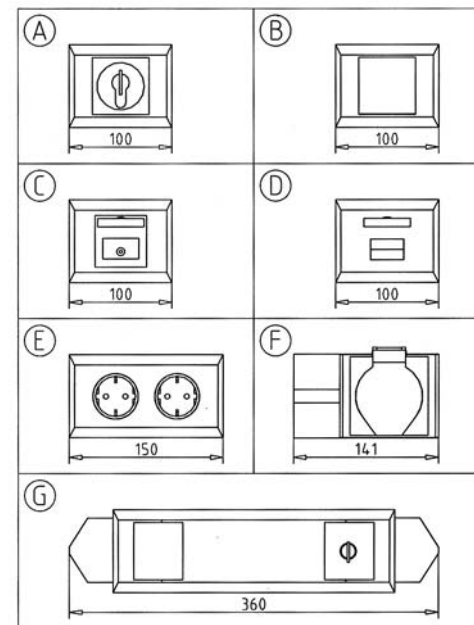
Energy supply ducting system component insertion



Total length energy supply ducting system _____ mm

Minimum clearance between two built-in components: 100 mm

Length power cord _____ mm from left from right



Position (Pos x)	Part A-G	Position from Edge in mm

Component parts flush-mounting distribution board (G)

- automatic circuit breaker B 10
- automatic circuit breaker B 16
- fault-current circuit breaker single-pole 16A/30mA

Company _____
 Contact _____
 Phone _____
 Fax _____
 E-Mail _____

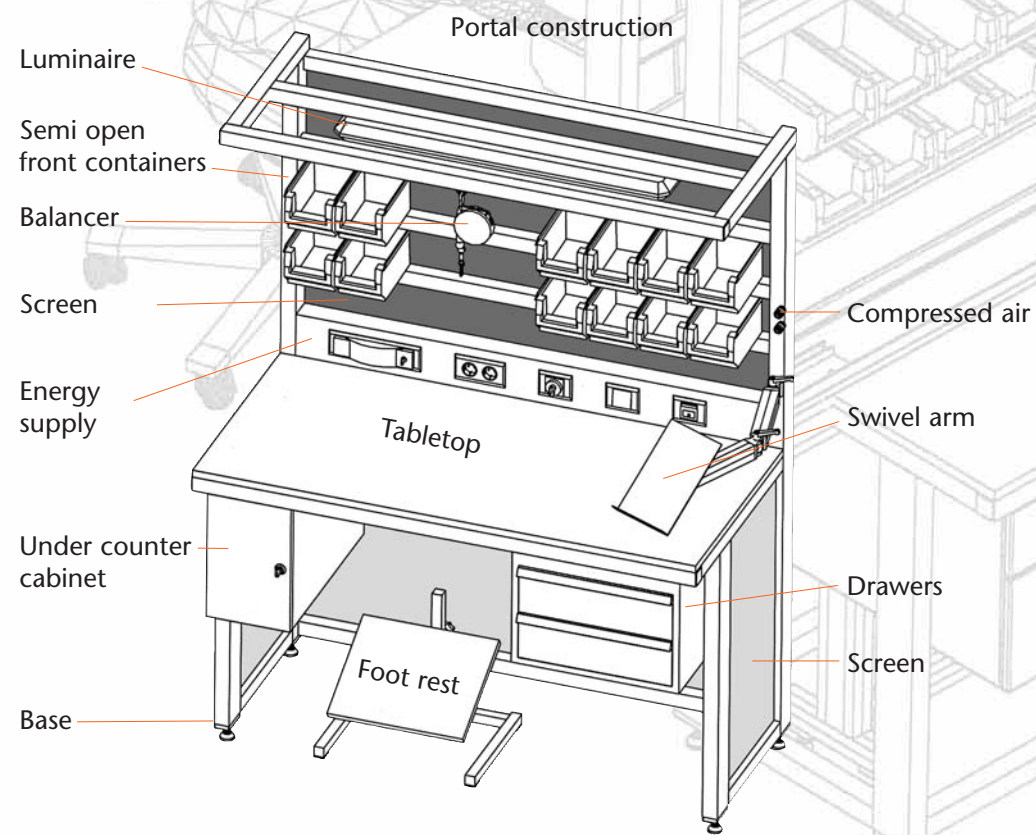
- Please call me back
- Please send quotation in writing

Accessories

It is just small things that often count: handy accessories is necessary addition to perfect design of an optimal workplace. Everything must be on its proper place and instructions or information should be attached properly and clearly visible. Auxiliary equipment helping avoid loads and taking

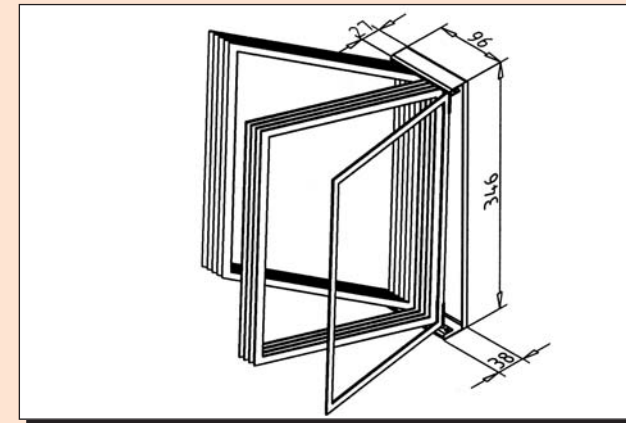
care of workplace overview noticeably support efficiency at reduced employees' stress.

System worktable Modules



Document support

Part N° 32.0605/0

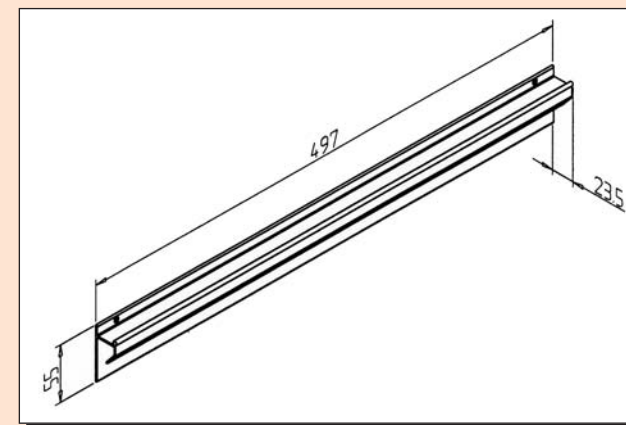


- Steel, powder-coated, light gray
 - 10 DIN A4 boards, transparent
 - Border, 2 each in blue, red, yellow, green, black
 - 5 Slip-on tabs
- | | |
|--------|---------|
| Weight | 0.85 kg |
|--------|---------|

- Provision of job instructions, maintenance notes
- Control boards, general information
- Screw tight to portal construction

Document bar

Part N° 32.0610/0

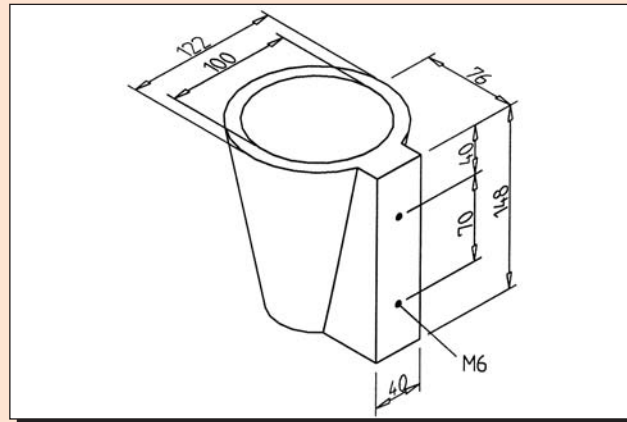


- Aluminum, anodized
 - With special glass clamping balls
 - Length 500 mm
- | | |
|--------|---------|
| Weight | 0.41 kg |
|--------|---------|

- safe attachment of large drawings, instructions, plans
- Simply slip-in papers from below
- Attach to portal construction by screwing or gluing with double-faced adhesive tape

Tool quivers

Part N° 26.3000/0

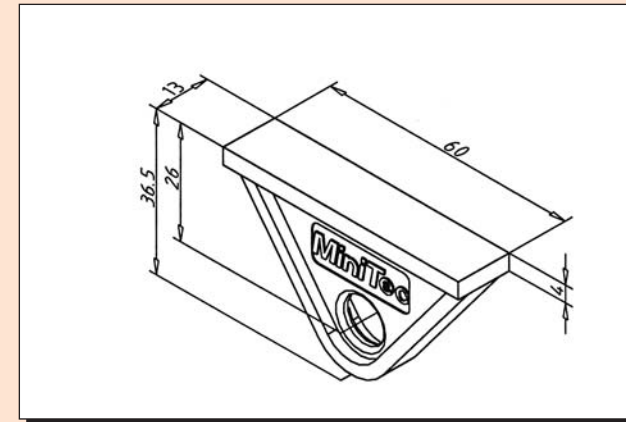


- Hard rubber, heavy duty type, black
 - Adapter plate, aluminum
- | | |
|--------|---------|
| Weight | 1.05 kg |
|--------|---------|

- Storage area for heavy implements such as drills, power screwdrivers, pneumatic tools

Tool hanger

Part N° 21.1769/0

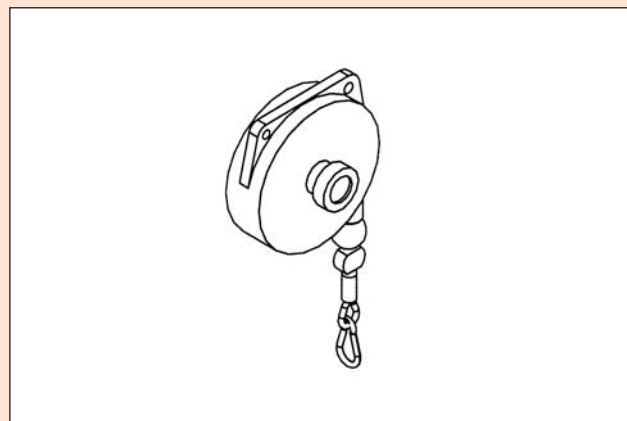


- ABS, gray
 - Fits all profiles (except C-section rail)
- | | |
|---------------------|----------|
| Weight | 0.045 kg |
| Load capacity up to | 100 N |

- Grab-supportive tool suspensions
- With spring look Part N° 21.1699/0 in tool hanger Part N° 21.1769/0

Balancer

Part N° 29.0111/0

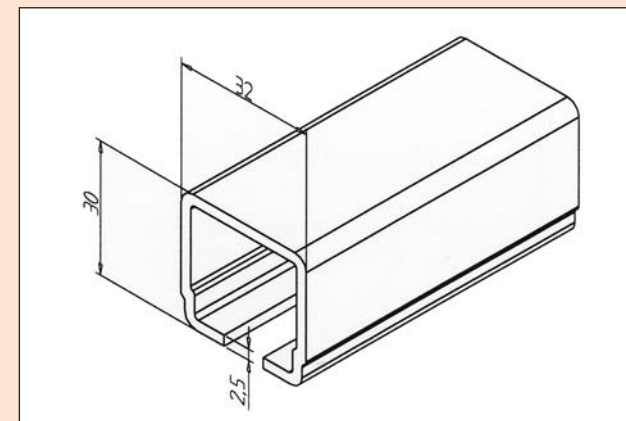


- For tool weights 2-3 kg
 - Higher weights upon inquiry
- | | |
|--------|---------|
| Weight | 0.75 kg |
|--------|---------|

- Grab-supportive tool suspensions
- With spring look Part N° 21.1699/0 in tool hanger Part N° 21.1769/0

C-section rail 30

Part N° 32.0220/0

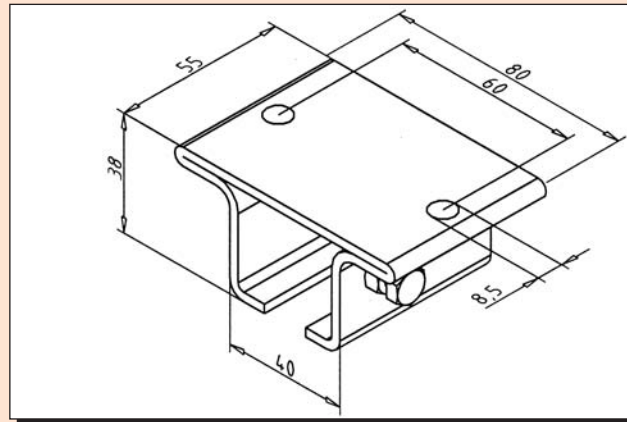


- Steel, galvanized
 - Attach to portal structure with rail holder Part N° 32.0222/0
- | | |
|--------|----------------------|
| Length | 4000 mm |
| Ix | 2,42 m ⁴ |
| wx | 1,45 cm ³ |
| Weight | 1.56 kg/m |

- Reception and guidance of cable trolleys
- Reception and guidance of tool trolleys to provide heavy tools

Rail holder

Part N° 32.0222/0



- Steel, galvanized

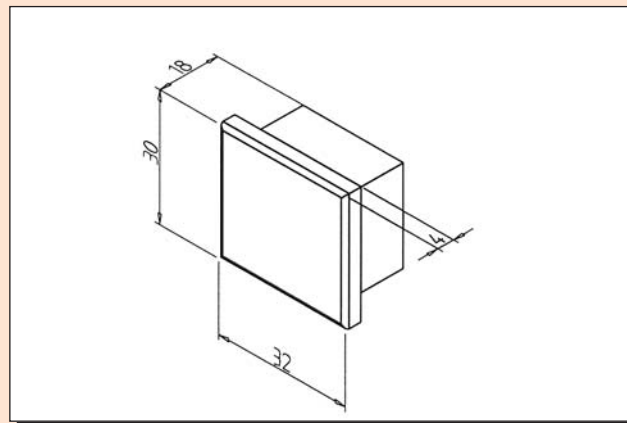
- Mounting material

Weight 0.250 kg

- Screw tight to portal construction using mounting material from scope of supplies

Cap for C-profile rail

Part N° 32.0223/0



- Plastic, black

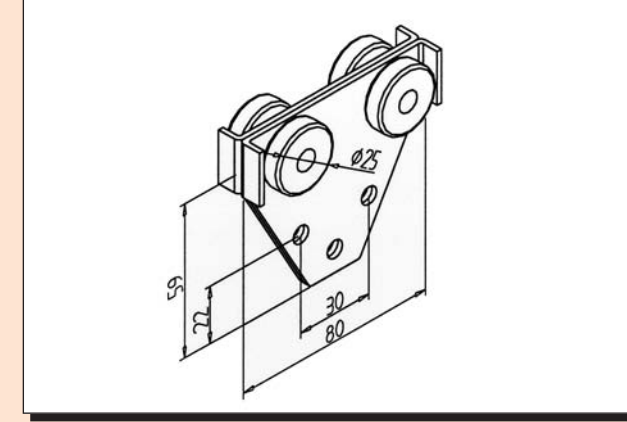
Weight 0.030 kg

- Closing of both rail ends

- Press onto C-profile rail

Tool trolley

Part N° 32.0224/0



- Sheet steel

- 4 rollers, galvanized, ball bearings sealed on both sides

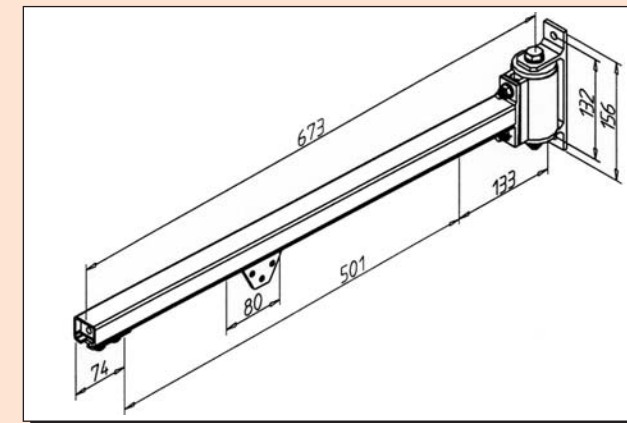
Weight 0.21 kg

- Push into C-section rail, secure ends with limit stop

- Suspension of tools in the workroom

Hinged cantilever

Part N° 32.0230/0



- Steel, powder-coated, light gray

- 180° swiveling

- Mounting material

Length 360 mm
Load-carrying capacity 20 kg
Weight 2.2 kg

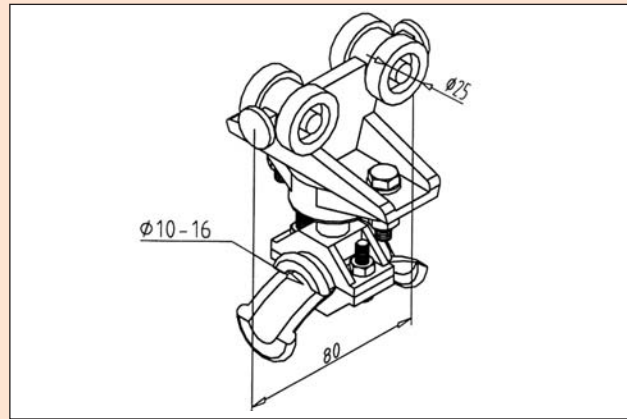
- For compressed air and power tools

- Slight backward inclination for making unused tools slide from workroom automatically

- Screw tight to portal construction using mounting material from scope of supplies

Cable trolleys for circular lines

Part N° 32.0225/0

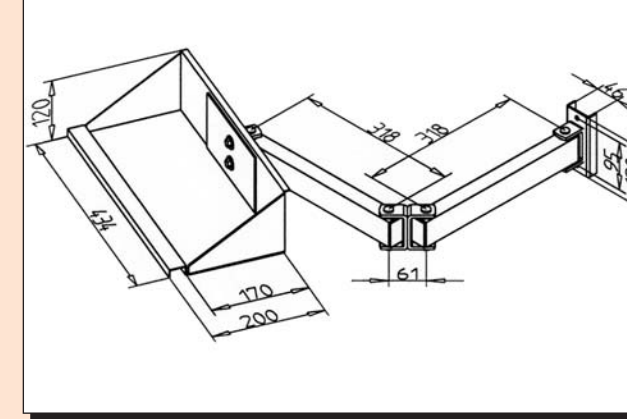


- Supporting body: plastic, yellow
 - 4 plastic rollers
 - Ultimate load 20 kg
- | | |
|--------|----------|
| Weight | 0.125 kg |
|--------|----------|

- Smooth running guidance of lines
- Push into C-section rail, secure ends with limit stop
- Suspension of hoses and lines

Holder, semi open front container

Part N° 32.0516/0

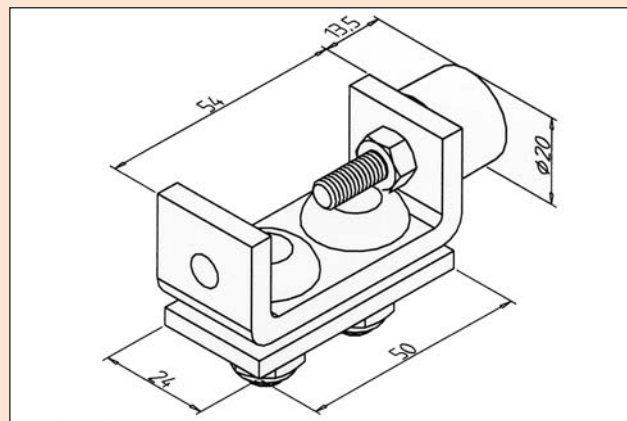


- Steel, lacquered, light gray
 - Front handle bar
 - With double-hinged arm 700 mm long
- | | |
|------------------------|-------|
| Load-carrying capacity | 15 kg |
|------------------------|-------|

- As storage area for semi open front containers and semi open front container racks
- Installation on vertical strut of portal construction

Limit stop for cable trolley

Part N° 32.0226/0

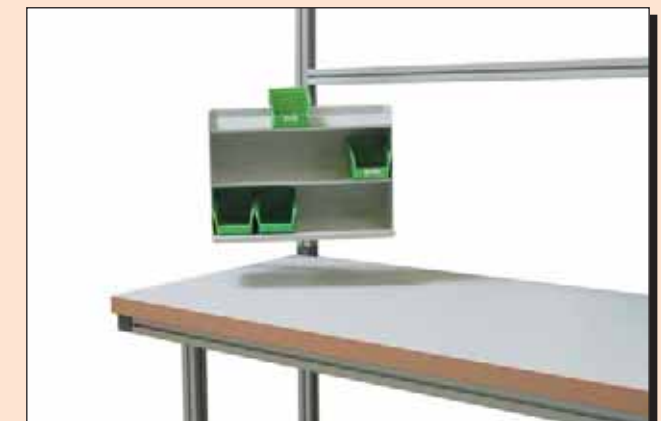
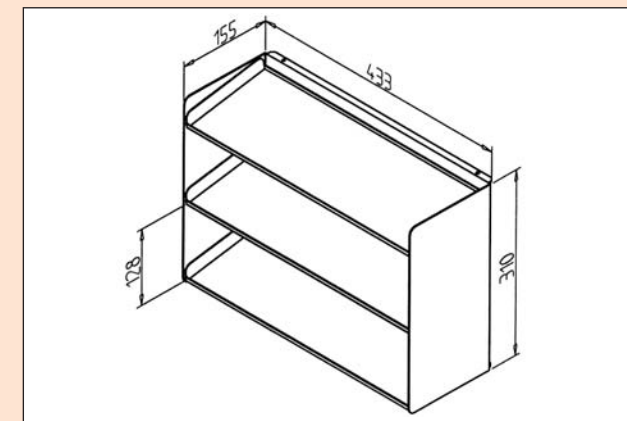


- Steel, galvanized
 - With rubber buffers
- | | |
|--------|--------|
| Weight | 0.2 kg |
|--------|--------|

- Securing cable trolleys and tool trolleys at end of rail
- Screw into end of C-section rail

Semi open front container rack

Part N° 32.0514/0

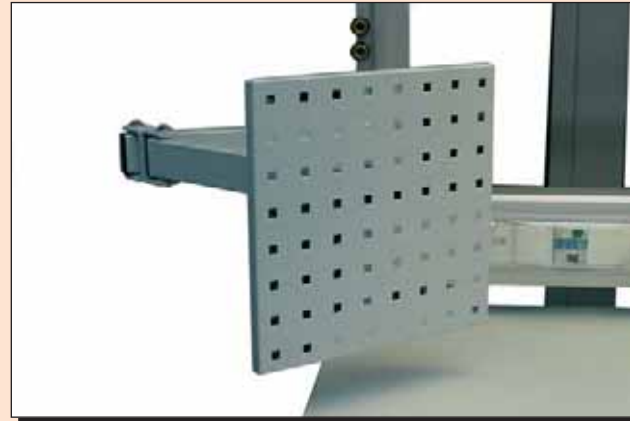
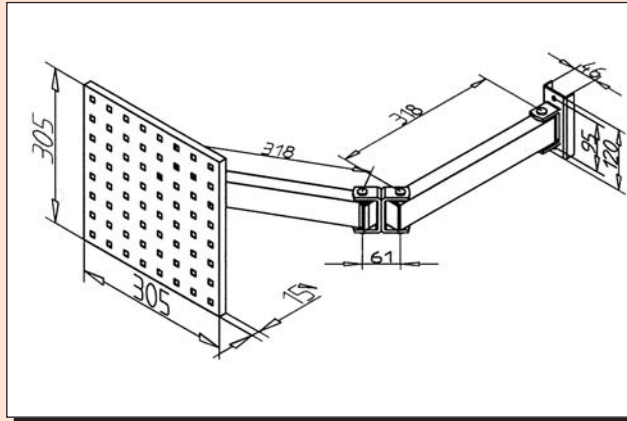


- Steel, powder-coated, gray
 - 3 levels
- | | |
|--------|--------|
| Weight | 3.9 kg |
|--------|--------|

- for semi open front containers and small hardware
- for max. 12 semi open front containers, L = 165 mm, W = 105 mm, H = 75 mm
- free-standing or in connection with depositing console Part N° 32.0512/0, swiveling

Tool support

Part N° 32.0510/0

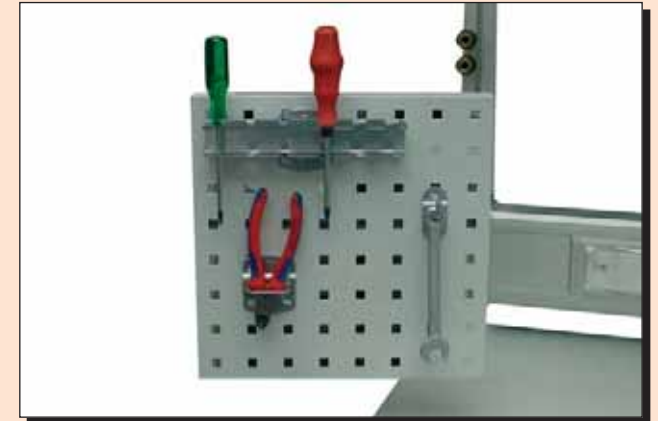


- Steel, lacquered light gray, 1.5 mm thick
- Square hole perforation 10 x 10 mm at 38 mm grid pattern

- For tool holders in gripping reach
- Provision of tools

Tool holder set

Part N° 32.0530/0

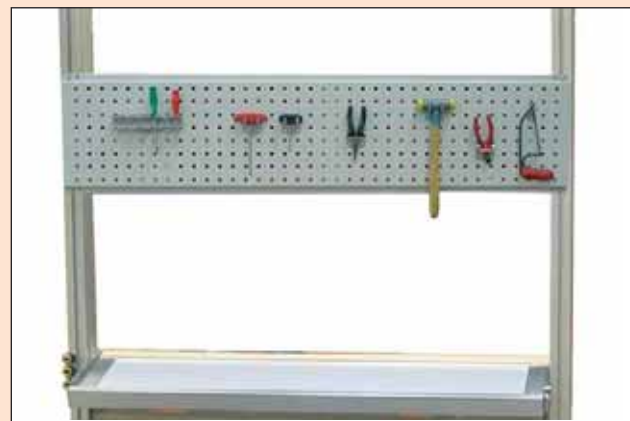
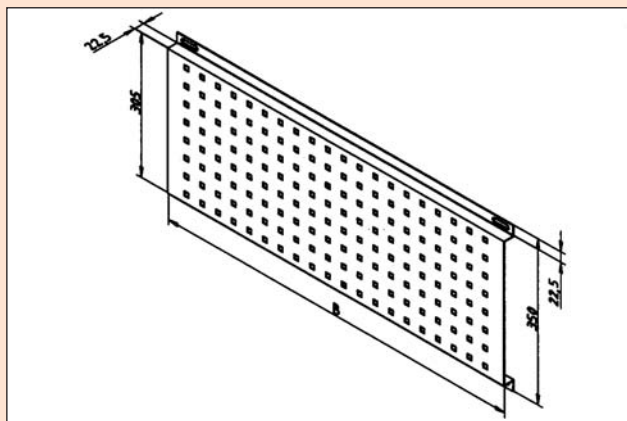


- consisting of:
- 12 mandrel holders, simplex
- 8 mandrel holders, duplex
- 2 tongs holders
- 1 machine holder

- 1 wrench holder
- 1 screwdriver holder
- 2 universal holders, 4-fold
- 1 drill/hexagon socket holder

Tool holder plate

Part N° see below

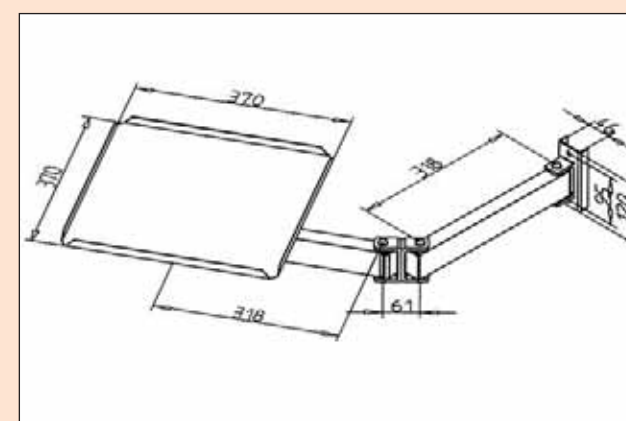


- Steel, lacquered light gray, 1.5 mm thick
- Square hole perforation 10 x 10 mm at 38 mm grid pattern
- Useful height 300 mm

- | | |
|-----------------|-------------------|
| Width B 1000 mm | Part N° 32.0520/0 |
| Width B 1500 mm | Part N° 32.0522/0 |
| Width B 2000 mm | Part N° 32.0524/0 |

Depositing board/Monitor support rotatable

Part N° 32.0512/0

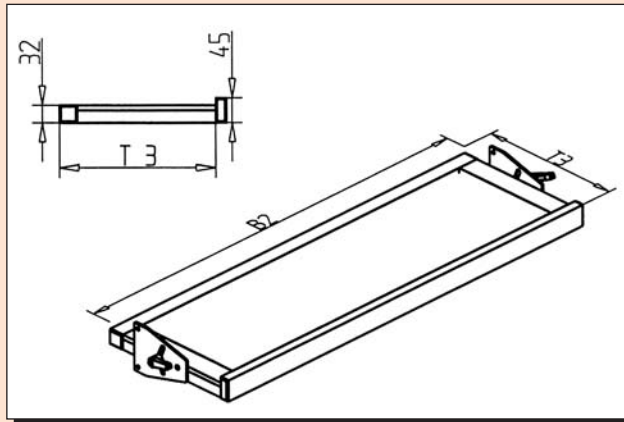


- Steel, powder-coated, light gray
- Single-hinged version, length 430 mm
- Monitor and keyboard panel rotatable
- Monitor panel: 370 x 370 mm
- Keyboard panel: 485 x 190 mm
- Load-carrying capacity 20 kg

- Provision of IT data, Internet connection
- Screw tight to portal construction

Depositing console

Part N° 32.0501/0



- stable frame made of aluminum profiles, anodized E6/EV1
 - shelf for cabinet, hardboard, light gray
 - leading edge 25 mm, set on edge
- Load-carrying capacity 40 kg

- continuously inclinable
 - attachment to portal construction with 2 swivel panels
- Please state table width B2 and depth T3**

Professional multiple-socket outlet, 6-fold

Part N° 32.0701/0



- central rocker switch for On/Off
 - rocker switch, illuminated
 - cable length 3 m
 - max. 3500 W / 16 A / 230 V
- Weight 0.9 kg

- oblique socket arrangement

Professional multiple-socket outlet, 6-fold

Part N° 32.0702/0

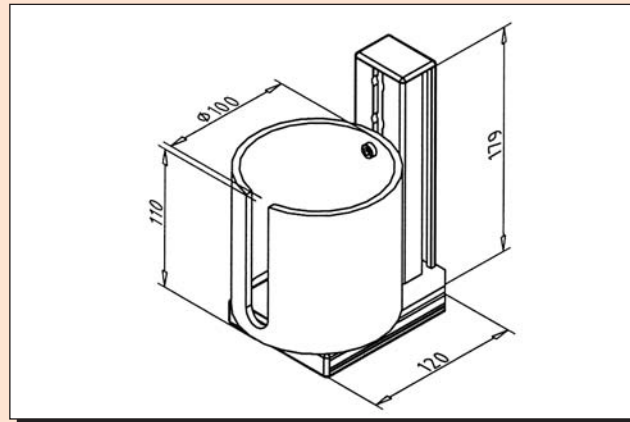


- 2 pieces of equipment each can be switched on and off, two-pole
 - rocker switch, illuminated
 - cable length 3 m
 - max. 3500 W / 16 A / 230 V
- Weight 0.9 kg

- oblique socket arrangement

Bottle/Cup holder

Part N° 32.0505/0

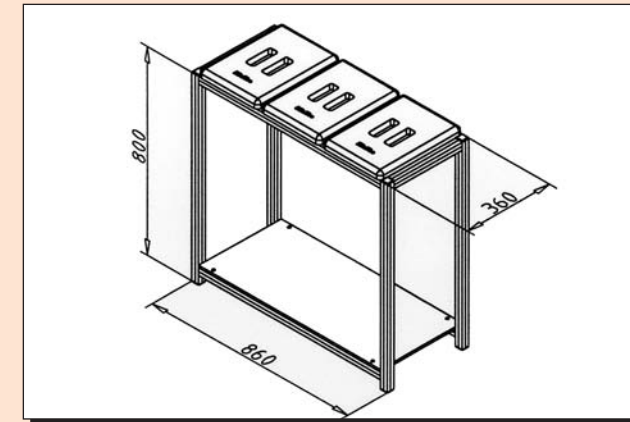


- Aluminum, natural
 - complete with mounting set
- Weight 0.93 kg

- Also for large cups with recess for handle
- Screw to portal construction using mounting set

Recyclable material collector

Part N° 29.0022/0

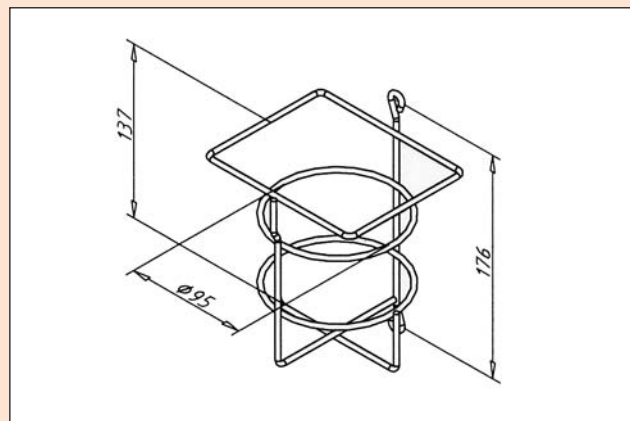


- Rugged frame made of profile 30 x 30, anodized E6/EV1
 - With shelf for cabinet
 - 3 covers ABS, gray
 - Mounted ready to be installed
- Weight 3.4 kg

- For separate collection of 3 kinds of recyclable materials
- Just put plastic bags over the screw heads
- Also suitable for outdoor deployment

Bottle/Beverage bag holder

Part N° 32.0507/0

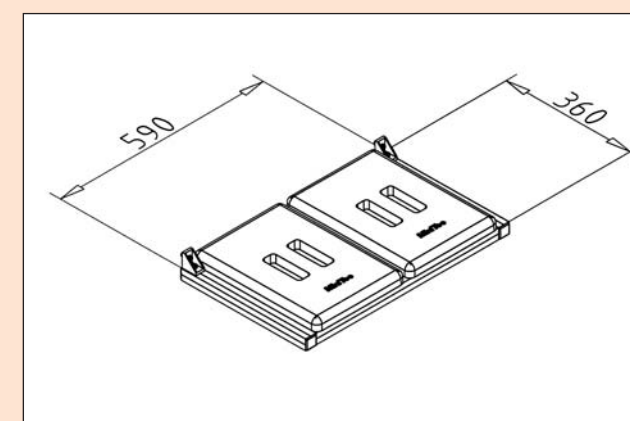


- Steel wire, coated light gray
- Inner dia. 95 mm
- 2 bolts M6x16
- 2 slide nuts M6 with spring plate

- Commercially available beverage bottles and beverage bags

Recyclable material mounting

Part N° 32.0024/0



- Frame made of profile 30 x 30, anodized E6/EV1
 - 2 covers ABS, gray
 - 2 mounting angles 25
- Weight 1.2 kg

- For separate collection of 2 kinds of recyclable materials
- Just put plastic bags over the screw heads

Worktable Inquiry

- Container table Desk table

Dimensions, table

Width B _____ mm
 Working height H _____ mm
 Depth T _____ mm
 Ground clearance H1 _____ mm
 Pedestal depth F _____ mm

Height adjustment

- mechanical hydraulic electric

Tabletops

Width B _____ mm
 Depth T _____ mm

Foot rests

- ECO Standard Comfort
 Part N° _____

Lighting

- Side luminaire 36
 2 x side luminaire 36
 Center luminaire 78
 Luminaire 78, 2 x luminaire 36
 Center luminaire 116

Other _____

- with portal without portal

Dimensions, portal

Width B _____ mm
 Working height H2 _____ mm
 Depth T1 _____ mm

Screen (privacy protection)

- yes no

Material _____

Material _____
 Part N° _____

Under counter cabinets

- left right none
 Left / Part N° _____
 Right / Part N° _____

Energy supply

- Yes, see separate inquiry No

Other _____

Options

- | | | | | | |
|--|----------------|------------------------------------|--|----------------|------------------------------------|
| <input type="checkbox"/> Document support | Quantity _____ | <input type="checkbox"/> installed | <input type="checkbox"/> Tool hanger | Quantity _____ | <input type="checkbox"/> installed |
| <input type="checkbox"/> Document bar | Quantity _____ | <input type="checkbox"/> installed | <input type="checkbox"/> Tool trolley | Quantity _____ | <input type="checkbox"/> installed |
| <input type="checkbox"/> Tool quiver | Quantity _____ | <input type="checkbox"/> installed | <input type="checkbox"/> Depositing console | Quantity _____ | <input type="checkbox"/> installed |
| <input type="checkbox"/> Balancer | Quantity _____ | <input type="checkbox"/> installed | <input type="checkbox"/> Semi open front container holder | Quantity _____ | <input type="checkbox"/> installed |
| <input type="checkbox"/> Tool support | Quantity _____ | <input type="checkbox"/> installed | <input type="checkbox"/> Semi open front container rack | Quantity _____ | <input type="checkbox"/> installed |
| <input type="checkbox"/> Tool holder plate | Quantity _____ | <input type="checkbox"/> installed | <input type="checkbox"/> Hinged cantilever | Quantity _____ | <input type="checkbox"/> installed |
| <input type="checkbox"/> Tool holder set | Quantity _____ | | <input type="checkbox"/> Depositing board/Monitor support | Quantity _____ | <input type="checkbox"/> installed |
| <input type="checkbox"/> C-section rail 30 | Quantity _____ | | <input type="checkbox"/> Bottle holder | Quantity _____ | <input type="checkbox"/> installed |
| <input type="checkbox"/> Holder C-section rail | Quantity _____ | | <input type="checkbox"/> Beverage bag holder | Quantity _____ | <input type="checkbox"/> installed |
| <input type="checkbox"/> Cap | Quantity _____ | | <input type="checkbox"/> Multiple-socket outlet 6-fold | Quantity _____ | <input type="checkbox"/> installed |
| <input type="checkbox"/> Cable trolley | Quantity _____ | <input type="checkbox"/> installed | <input type="checkbox"/> Multiple-socket outlet (3x2) | Quantity _____ | <input type="checkbox"/> installed |
| <input type="checkbox"/> Limit stop | Quantity _____ | | <input type="checkbox"/> Recyclable material collector | Quantity _____ | |
| | | | <input type="checkbox"/> Recyclable material collector, mounting | Quantity _____ | |

Other

Company

Contact

Phone

Fax

E-Mail

- Please call me back
 Please send quotation in writing

A		O		20	
Accessories	32	Overvoltage protection	29	20.1077/0	13
ALU / PVC / Other materials	13				
B		P		21	
Balancer	34	Plastic 40 mm	12	21.1769/0	35
Basic table racks	4	Plastic, light gray 22 mm	10		
Bottle/Beverage bag holder	44	Portal, basic construction	22	26	
Bottle/Cup holder	44	Professional multiple-socket outlet	42	26.3000/0	34
		Professional multiple-socket outlet	43		
C		Profile 270 x 19	13	29	
Cable trolleys for circular lines	36	Properties, tabletops	9	29.0022/0	45
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Center luminaire 116,	27	R		29.4712/0	18
Center luminaire 78	26	Rail holder	36		
Channel socket	29	Recyclable material collector	45	32	
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Container table	6	Rubber, conductive 22 mm	11	32.0060/0	7
C-section rail 30	35			32.0070/0	8
		S		32.0080/0	8
D		Semi open front container	39	32.0110/0	6
Data connection box Cat 6	29	Side luminaire 36	26	32.0120/0	6
Depositing board/Monitor support	41	Socket CEE 16 A	29	32.0155/0	20
Depositing console	42			32.0160/0	20
Desk table	6	T		32.0165/0	21
Document bar	33	Tabletops	9	32.0205/0	23
Document support	33	Tool hanger	35	32.0210/0	23
		Tool holder plate	40	32.0220/0	35
E		Tool holder set	41	32.0222/0	36
Electrically height-adjustable table	8	Tool quiver	34	32.0223/0	36
Energy supply	28	Tool support	40	32.0224/0	37
Extension arm	23	Tool trolley	37	32.0225/0	38
		Two-way switch	29	32.0226/0	38
				32.0230/0	37
F		U		32.0401/0	13
Flush-mounting distribution board	29	Under counter cabinet with doors	18	32.0501/0	42
Foot rest Comfort	21	Under counter cabinet with doors	17	32.0505/0	44
Foot rest ECO	20	Under counter cabinets with drawers	14	32.0507/0	44
Foot rest Standard	20	Under counter cabinets...100/100/100	16	32.0510/0	40
Foot rests	20	Under counter cabinets...100/200	15	32.0512/0	41
		Under counter cabinets...150/150	15	32.0514/0	39
		Under counter cabinets...50/100/150	16	32.0516/0	39
		Under counter cabinets...50/100/150/200	17	32.0530/0	41
		Utensils cabinet	18	32.0605/0	33
				32.0610/0	33
H		V		32.0701/0	43
Height-adjustable tables	7	Verschlußskappe für C-Schiene	36	32.0702/0	42
Hinged cantilever	37			32.0720/0	29
Holder, semi open front container	39	W		32.0721/0	29
Hydraulically height-adjustable table	8	Workplace systems, examples	19	32.0722/0	29
				32.0723/0	29
I				32.0724/0	29
Inquiry worktable	46			32.0725/0	29
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K				32.0802/0	14
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				32.0811/0	15
L				32.0812/0	16
Lighting	24			32.0813/0	16
Limit stop for cable trolley	38			32.0814/0	17
Linoleum 40 mm	12			32.0815/0	17
Linoleum, light gray 22 mm	10			32.0816/0	18
M				33	
Manual workplace systems	2			33.0600/0	26
Mechanically height-adjustable table	7			33.0605/0	26
Melamine, conductive, light gray	11			33.0610/0	27
Melamine, light gray 22 mm	10				
Mounting set, under counter cabinet	14				
Multiplex 40 mm	12				
Multiplex, beech 22 mm	11				

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