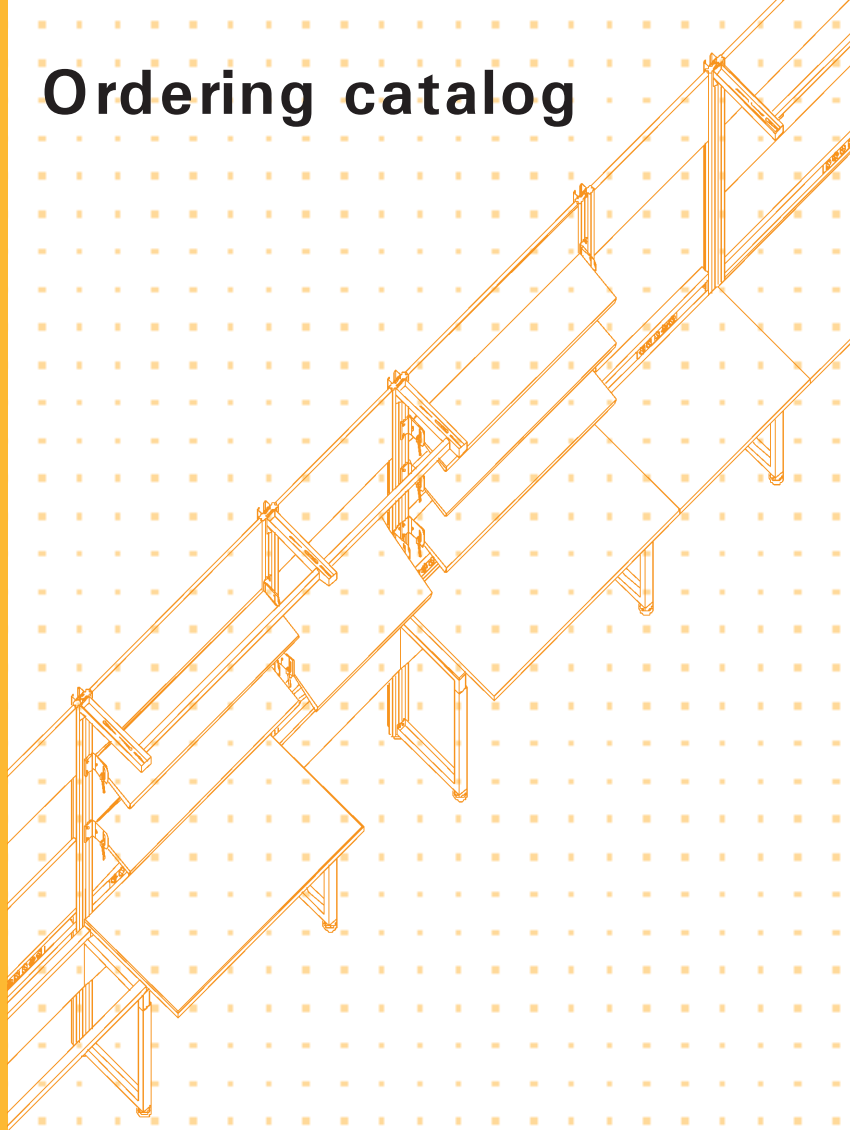


Ordering catalog



**Modular-System
for
Production and
Assembly**

**Data and technical
information
to products and
components**

Elabo TaMas

Production and assembly – in new efficiency!



Elabo TaMas is the universal system for manual and semi-manual tasks in the development and prototype making, in production and assembly. For the fields of electronics and electrical engineering the sales program offers additional advantages. The furniture range is available with conductive surface coating (ESD).

Furthermore, Elabo delivers assembled and fully wired up bench racks with measurement and test equipment.

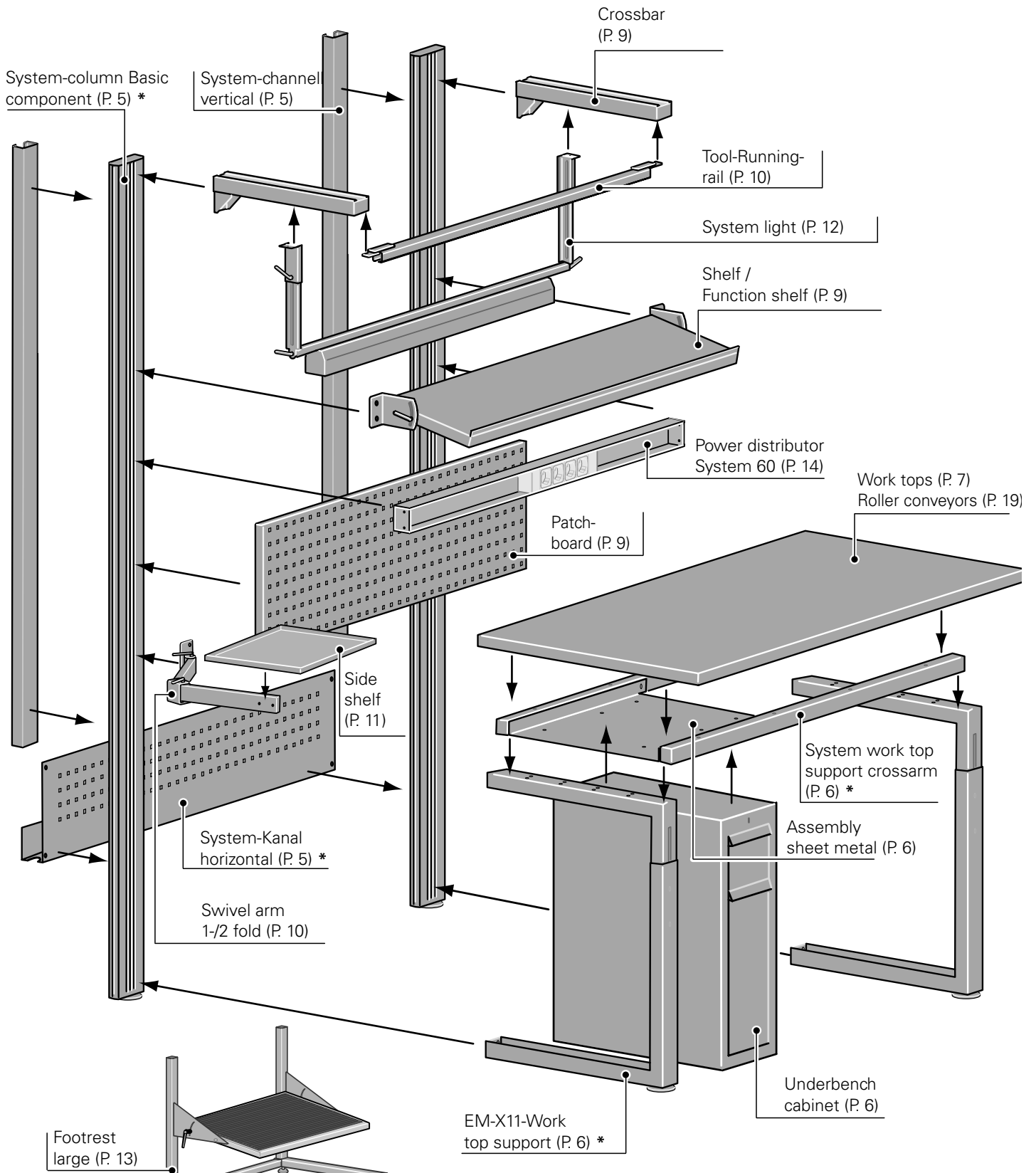
The TaMas system is suitable to form single user workstations as well as arranging complex production and assembly lines, including the connection to material and parts transfer facilities.

Elabo TaMas is an evolutionary system, it changes by the requests and tasks which are put to the system. If you want to carry out varying work contents and sequences quickly, or the persons working on a workstation change frequently due to shift-work: TaMas allows changes in a speed which virtually challenges comparisons with other solutions.

Even if you redefine in principle the dedication and the demands, TaMas fulfills the task by uncomplicated adaptability.

TaMas: versatile and growth capable as an intelligent organism.

System principle



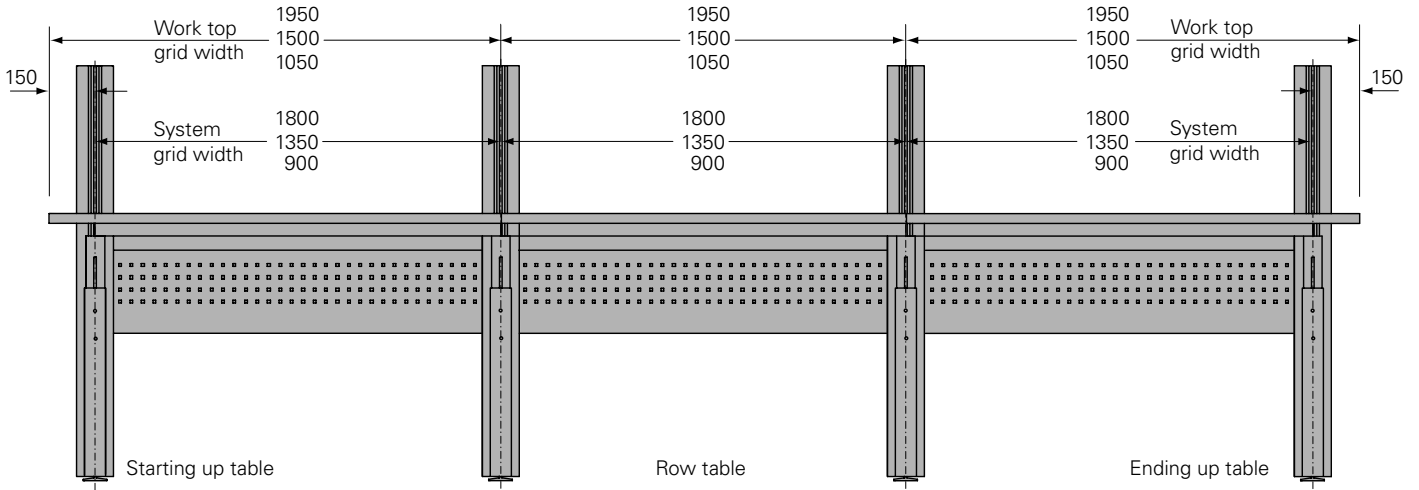
* Mandatorily required minimum basic components.

System column standard feature available in "RAL 7012 - basalt gray" alternative also in the hues "RAL 7035 light gray, "RAL 9006 - white aluminum, "RAL 3000 - fiery red "or" RAL 5003 - sapphire blue". The individual components are delivered pre-assembled!

Grid-System TaMas

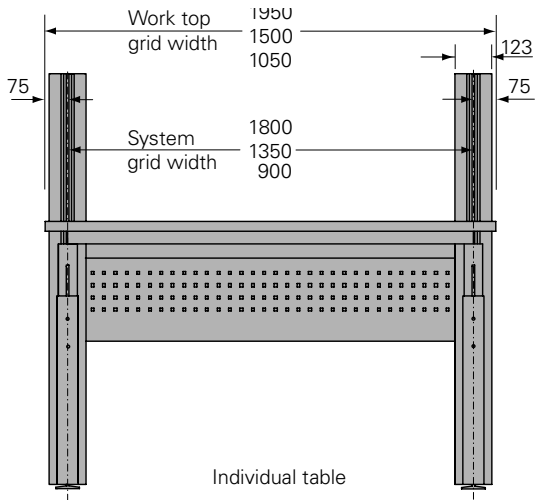
Grid-System Width:

Row table configuration



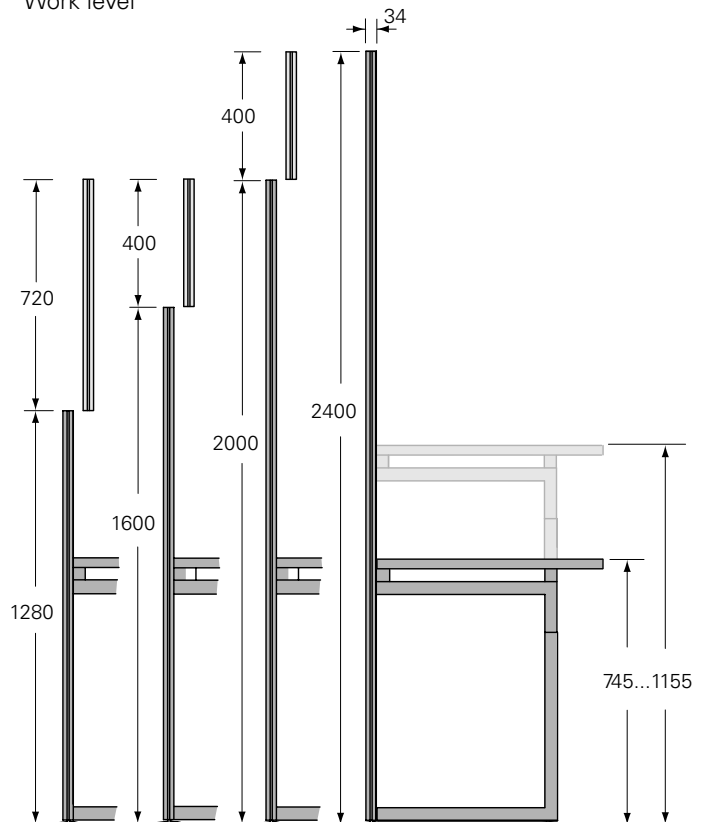
Grid-System Width:

Individual table mounting



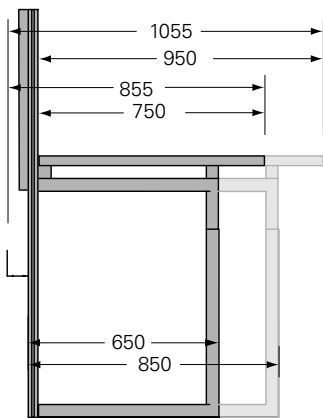
Grid-System Height:

System column
Work level



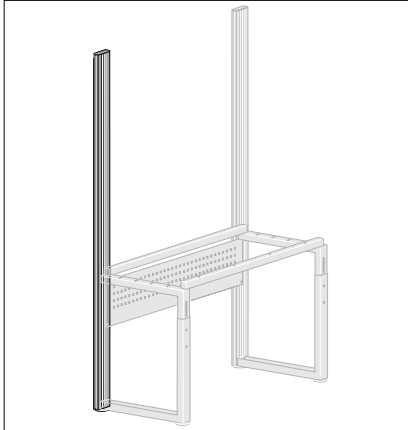
Grid-System Depth:

Work top
EM-X11-Work top support



System basic components

System-column
Basic component



System column basic element

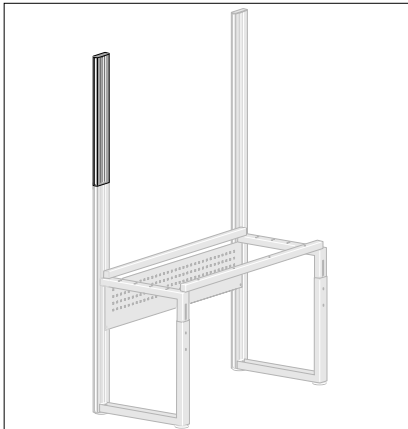
with allround multi-slot base extrusion. By the "Open-Space" concept the column is extendable at any time. System colum made from Inform extruded aluminum sections with two integrated channels. A large supporting foot plate serves for height levelling.

| | | | |
|--|-------|----------|---------|
| Column width: | W = | 123 mm | |
| Column depth: | D = | 34 mm | |
| Powder-coating color: | | RAL 7012 | |
| or alternative colour schemes see P. 3 | | | |
| System-grid height | 2400: | H = | 2400 mm |
| System-grid height | 2000: | H = | 2000 mm |
| System-grid height | 1600: | H = | 1600 mm |
| System-grid height | 1280: | H = | 1280 mm |

Cat. No.

C1-0A
C1-0B
C1-0C
C1-0D

System-column
add-on component



System column basic element

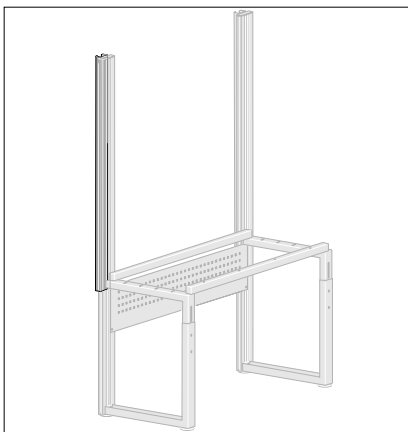
with allround multi-slot base extrusion. By the "Open-Space" concept the column is extendable at any time. System colummade from Inform extruded aluminum sections with two integrated channels

| | | | |
|--|-----|----------|--|
| Column width: | W = | 123 mm | |
| Column depth: | D = | 34 mm | |
| Powder-coating color: | | RAL 7012 | |
| or alternative colour schemes see P. 3 | | | |

| | | | |
|----------------------------|-----|--------|--|
| System-add-on component: | H = | 720 mm | |
| System-add-on componentH = | | 400 mm | |

C1-0G
C1-0H

System-channel
vertical



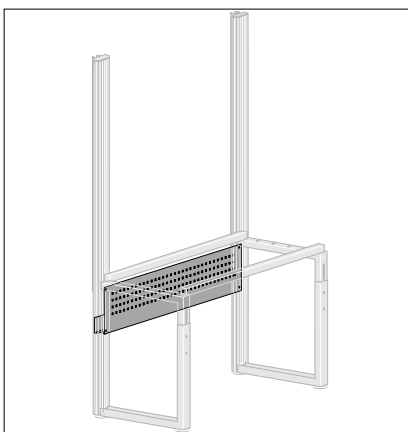
System-channel vertical

to be fastened to the rear side of the system columns. Metal channel provides ample space for energy, compressed air and data lines and serves as additional traverse for heavy crossway loads of the Inform system column. Synthetic caps cover the extrusions.

| | | | |
|-------------------------------|-------|----------|---------|
| Channel width on the outside: | W = | 70 mm | |
| Channel depth on the outside: | D = | 40 mm | |
| Powder-coating color: | | RAL 7012 | |
| System-grid height | 2400: | H = | 1800 mm |
| System-grid height | 2000: | H = | 1400 mm |
| System-grid height | 1600: | H = | 1000 mm |
| System-grid height | 1280: | H = | 680 mm |

C1-0M
C1-0N
C1-0P
C1-0Q

System-channel
horizontal



System-channel horizontal

to be fastened to the rear side of the system columns. Metal channel perforated for individual assembly possibilities. Provides ample space for energy, compressed air and data lines and serves as additional traverse for heavy crossway loads. Integrated cable outlet.

| | | | |
|--------------------------------|-----|-----------|--|
| Channel height on the outside: | H = | 80/260 mm | |
| Channel depth on the outside: | D = | 70/100 mm | |
| Powder-coating color: | | RAL 7035 | |

| | | | |
|--------------------|-------|-----|---------|
| System-grid height | 1800: | W = | 1795 mm |
| System-grid height | 1350: | W = | 1345 mm |
| System-grid height | 900: | W = | 895 mm |

C1-1J
C1-1K
C1-1L

System basic components

Metal underbench cabinets

EM-X11-Work top support



EM-X11-Work top support

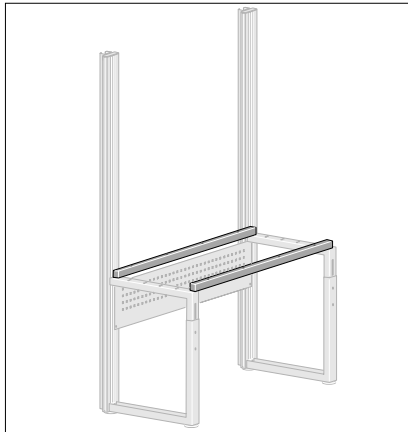
the work top support is screwed together with the system column. It can steplessly be changed in height. A large supporting foot plate at the front serves for height levelling.

| | | |
|----------------------------------|-------------|--|
| Height-adjustability range: | 410 mm | |
| Total support height lower part: | H = 625 mm | |
| Support width: | W = 70 mm | |
| Support height: | H = 45 mm | |
| Load per support: | 160 kg max. | |
| Powder-coating color: | RAL 7012 | |

Cat. No.

| | | |
|------------------------|------------|--------------|
| System grid depth 750: | D = 650 mm | C1-0T |
| System grid depth 950: | D = 850 mm | C1-0U |

System work top support crossarm



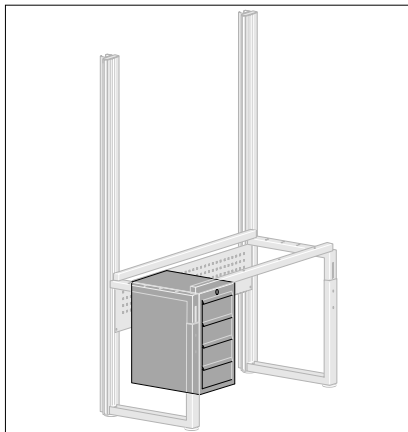
System work top support crossarm (pair)

for the mounting of table tops, spherical work tops and/or ball table tops as well as additional longitudinal support. The support crossarm can optionally be mounted in the depth of the work top support.

| | | |
|------------------------------|-----------|--|
| Support height: | H = 40 mm | |
| Support depth: | D = 40 mm | |
| Powder-coating color: | RAL 7035 | |

| | | |
|-------------------------|-------------|--------------|
| System-grid width 1800: | W = 1798 mm | C1-1A |
| System-grid width 1350: | W = 1348 mm | C1-1B |
| System-grid width 900: | W = 898 mm | C1-1C |

Metal suspended underbench cabinet
W = 350 mm



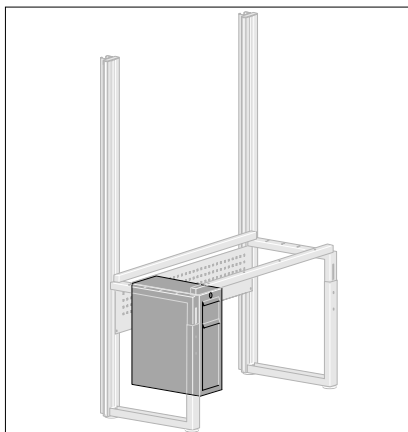
Metal suspended underbench cabinet, W=350 mm

for the optional mounting at the work top support. Central locker. Drawers with telescopic guides, insides can be compartmented.

| | | |
|--------------------------------------|------------|--|
| Underbench cabinet width:W = | 350 mm | |
| Underbench cabinet depth: | D = 500 mm | |
| Drawer load capacity: | 30 kg max. | |
| Powder-coating color carcass: | RAL 7035 | |

| | | |
|----------------------|------------|--------------|
| 1-drawer, standard: | H = 325 mm | C1-2A |
| 2-drawers, standard: | H = 325 mm | C1-2B |
| 4-drawers, standard: | H = 575 mm | C1-2C |
| 1-drawer, ESD: | H = 325 mm | C1-2H |
| 2-drawers, ESD: | H = 325 mm | C1-2J |
| 4-drawers, ESD: | H = 575 mm | C1-2K |

Metal suspended underbench cabinet
W = 215 mm



Metal suspended underbench cabinet, W=215 mm

for the optional mounting at the work top support. Central locker. Drawers with telescopic guides, insides can be compartmented.

| | | |
|--------------------------------------|------------|--|
| Underbench cabinet width:W = | 215 mm | |
| Underbench cabinet depth: | D = 500 mm | |
| Drawer load capacity: | 30 kg max. | |
| Powder-coating color carcass: | RAL 7035 | |

| | | |
|-----------------------------|------------------|--------------|
| 2-drawers, standard: | H = 575 mm | C1-2E |
| 4-drawers, standard: | H = 575 mm | C1-2F |
| 2-drawers, ESD: | H = 575 mm | C1-2M |
| 4-drawers, ESD: | H = 575 mm | C1-2N |
| Assembly sheet metal | for depth 750 mm | C1-2Q |
| Assembly sheet metal | for depth 950 mm | C1-2R |

Work tops

Letter for identification "x" in Cat. No. see matrix P. 8

Work top
beech veneer



Work top beech plywood

multiple-laminated work top made from beech veneer. Stress-resistant, suitable for extremely high loads. Surface treated with DD varnish.

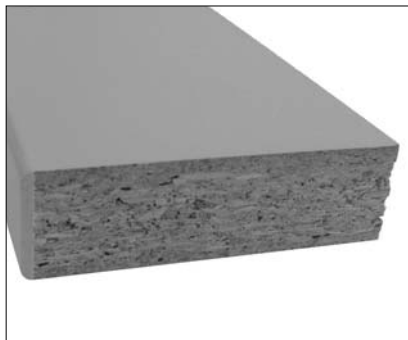
Edges: multiple laminated
Top thickness: T = appr. 30 mm
Color: beech wood, subdued

Work top beech plywood:

Cat. No.

C1-3x ZB

Work top
coated



Work top melamine resin coated

melamine resin coated three-ply chipboard. External surfaces abrasion and scratch-resistant. Fine surface structure. Technical values to DIN EN 312.

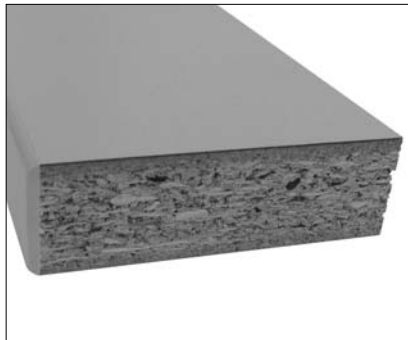
Chemical values to DIN 53799.

Edges: 3 mm PP-edging strip
Work top thickness: T = appr. 28 mm
Color: RAL 7035

Work top melamine resin coated:

C1-3x ZD

Work top
HPL-chipboard



Work top HPL-chipboard

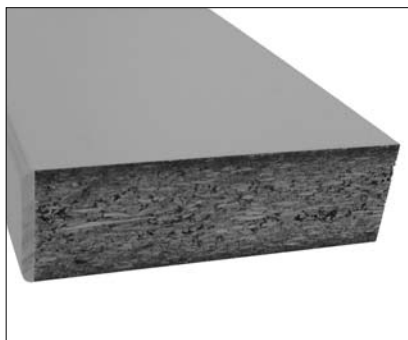
work top made from 3-ply chipboard both sides with laminated plastic (HPL). Temporarily temperature constant up to 180°C. Fine surface structure. Technical values to DIN EN 312 and to DIN EN 438.

Edges: 3 mm PP-edging strip
Top thickness: S = appr. 30 mm
Color: RAL 7035

Work top HPL-chipboard:

C1-3x ZS

Work top
ESD
coated



Work top ESD melamine resin coated

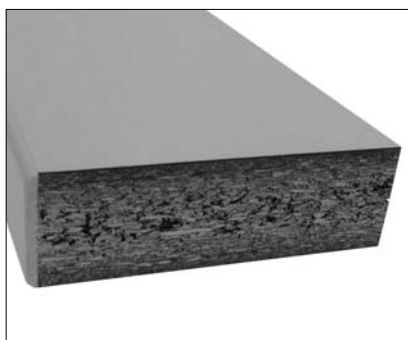
melamine resin coated three-ply chipboard. External surfaces abrasion and scratch-resistant. Fine surface structure. Technical values to DIN EN 312. Chemical values to DIN 53799. Volume and surfaces conductive to DIN EN 100015.

Edges: 3 mm PP-edging strip
Work top thickness: T = appr. 28 mm
Color: RAL 7035

Work top ESD melamine resin coated:

C1-3x ZDL

Work top
ESD
HPL-chipboard



Work top ESD HPL-chipboard

work top made from 3-ply chipboard both sides with laminated plastic (HPL). Temporarily temperature constant up to 180°C. Fine surface structure. Technical values to DIN EN 312 and to DIN EN 438. Volume and surfaces conductive to DIN EN 100015.

Edges: 3 mm PP-edging strip
Work top thickness: T = appr. 30 mm
Color: RAL 7035

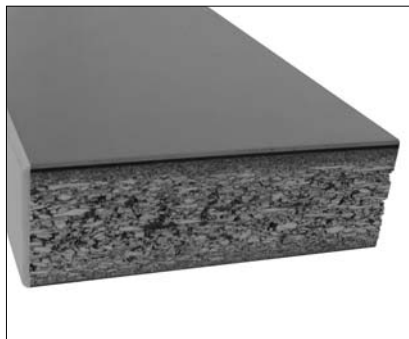
Work top ESD HPL-chipboard:

C1-3x ZSL

Work top Catalogue number matrix

Letter for identification "x" in Cat.No. see matrix P. 8

**Work top
ESD**
Rubber coating



Work top ESD rubber coating

melamine resin coated, volume conductive 3-ply chipboard. Both sides with fine structure. Top side gummed up with conductive slide impeding rubber coating. Surface conductive to DIN EN 100015.

Edges: 3 mm PP-edging strip
Color RAL 7035

Work top thickness: T = appr. 30 mm
Rubber thickness: T = appr. 2.1 mm
Color: RAL 7030

Work top ESD rubber coating:

Cat. No.

C1-3x ZKL

Work top Catalogue Number-matrix

- for individual work benches
- for starting and ending up tables at row mounting

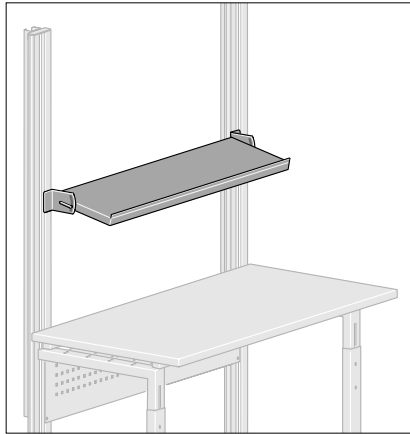
| Top-Depth D = | Grid-Width W = | Top-Width W = | Beech-wood "ZB" | melamine-resin coated "ZD" | HPL-chipboard "ZS" | ESD-mel. resin coated "ZDL" | ESD-HPL-chipboard "ZSL" | ESD-rubber coat. "ZLK" |
|------------------|-------------------|------------------|--------------------|-------------------------------|-----------------------|--------------------------------|----------------------------|---------------------------|
| 750 | 1800 | 1950 | C1-3A ZB | C1-3A ZD | C1-3A ZS | C1-3A ZDL | C1-3A ZSL | C1-3A ZKL |
| 750 | 1350 | 1500 | C1-3C ZB | C1-3C ZD | C1-3C ZS | C1-3C ZDL | C1-3C ZSL | C1-3C ZKL |
| 750 | 900 | 1050 | C1-3E ZB | C1-3E ZD | C1-3E ZS | C1-3E ZDL | C1-3E ZSL | C1-3E ZKL |
| 950 | 1800 | 1950 | C1-3N ZB | C1-3N ZD | C1-3N ZS | C1-3N ZDL | C1-3N ZSL | C1-3N ZKL |
| 950 | 1350 | 1500 | C1-3Q ZB | C1-3Q ZD | C1-3Q ZS | C1-3Q ZDL | C1-3Q ZSL | C1-3Q ZKL |
| 950 | 900 | 1050 | C1-3S ZB | C1-3S ZD | C1-3S ZS | C1-3S ZDL | C1-3S ZSL | C1-3S ZKL |

- for connection work benches at row mounting

| Top-Depth D = | Grid-Width W = | Top-Width W = | Beech-wood "ZB" | melamine-resin coated "ZD" | HPL-chipboard "ZS" | ESD-mel. resin coated "ZDL" | ESD-HPL-chipboard "ZSL" | ESD-rubber coat. "ZLK" |
|------------------|-------------------|------------------|--------------------|-------------------------------|-----------------------|--------------------------------|----------------------------|---------------------------|
| 750 | 1800 | 1800 | C1-3B ZB | C1-3B ZD | C1-3B ZS | C1-3B ZDL | C1-3B ZSL | C1-3B ZKL |
| 750 | 1350 | 1350 | C1-3D ZB | C1-3D ZD | C1-3D ZS | C1-3D ZDL | C1-3D ZSL | C1-3D ZKL |
| 750 | 900 | 900 | C1-3F ZB | C1-3F ZD | C1-3F ZS | C1-3F ZDL | C1-3F ZSL | C1-3F ZKL |
| 950 | 1800 | 1800 | C1-3P ZB | C1-3P ZD | C1-3P ZS | C1-3P ZDL | C1-3P ZSL | C1-3P ZKL |
| 950 | 1350 | 1350 | C1-3R ZB | C1-3R ZD | C1-3R ZS | C1-3R ZDL | C1-3R ZSL | C1-3R ZKL |
| 950 | 900 | 900 | C1-3T ZB | C1-3T ZD | C1-3T ZS | C1-3T ZDL | C1-3T ZSL | C1-3T ZKL |

System expansion equipment

Shelf



Shelf D = 300 mm

made of sheet metal with lateral brackets. Shelf is adjustable for height and steplessly inclinable up to 30°.

Crossway stiffening is integrated. Front with 15 mm high non-slip edge. Resilient at uniform load up to 40 kg.

Shelf depth: D = 300 mm

Shelf height: H = 15/45 mm

Shelf color: RAL 7035

Brackets color: RAL 7012

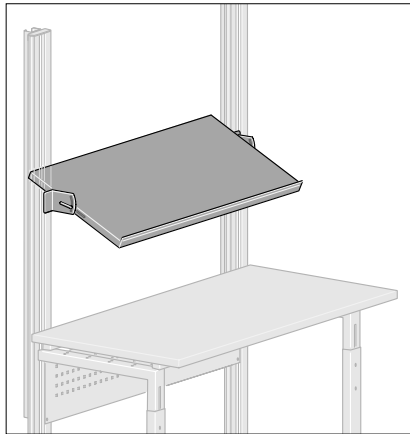
Cat. No.

System-grid width 1800: W = 1670 mm **C1-4A**

System-grid width 1350: W = 1220 mm **C1-4B**

System-grid width 900: W = 770 mm **C1-4C**

Function shelf



Function shelf, D = 500 mm

made of sheet metal with lateral brackets. Shelf is adjustable for height and steplessly inclinable up to 30°.

Crossway stiffening is integrated. The shelf can be adjusted by 120 mm in the depth. Front with 15 mm high non-slip edge. Resilient at uniform load up to 40 kg.

Shelf depth: D = 500 mm

Shelf height: H = 15/45 mm

Shelf color: RAL 7035

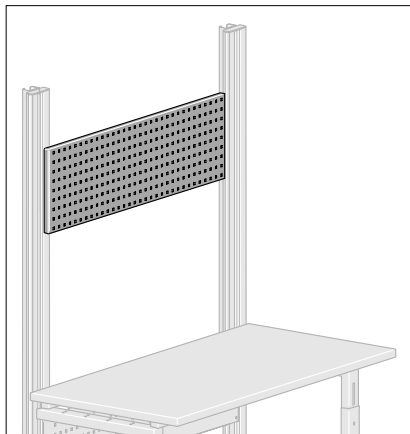
Bracket color: RAL 7012

System-grid width 1800: W = 1670 mm **C1-4G**

System-grid width 1350: W = 1220 mm **C1-4H**

System-grid width 900: W = 770 mm **C1-4J**

Patchboard



Patchboard

made of sheet metal with Euro perforation for the taking of mounting and organizing components. Mountable at any height between the system columns.

Patchboard depth: D = 30 mm

Patchboard height: H = 341 mm

Perforation: 9.2 x 9.2 mm

Grid dimension: 38 mm

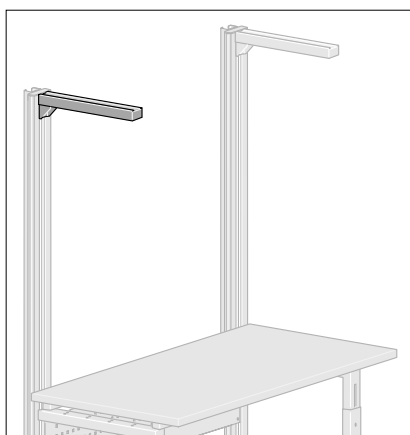
Powder coating color: RAL 7035

System-grid width 1800: W = 1675 mm **C1-4N**

System-grid width 1350: W = 1225 mm **C1-4P**

System-grid width 900: W = 775 mm **C1-4Q**

Crossbar



Crossbar

for mounting to the system column. Crossbar for the fitting of tool running rails and lighting fittings. By lengthways slits in the crossbar these parts are optionally mountable in the depth. Up to 25 kg resilient.

Crossbar width outside: W = 70 mm

Crossbar height outside: H = 40/100 mm

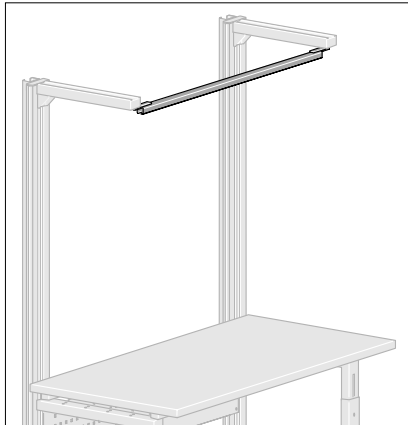
Powder coating color: RAL 7012

System-grid width 750: D = 500 mm **C1-5A**

System-grid width 950: D = 700 mm **C1-5B**

System expansion equipment

Tool-Running rail



Tool-Running rail

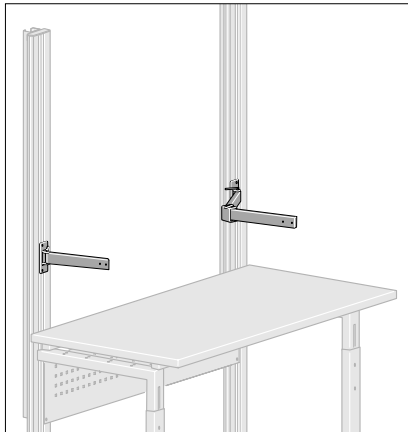
for fitting small tools. Running rail incl. metal-slider with snap hook running on ball bearings.

Running rail depth: D = 32 mm
 Running rail height: H = 30 mm
 Powder coating color: RAL 7035

| | | |
|-------------------------|-------------|--------------|
| Running rail with hook | single | |
| System-grid width 1800: | W = 1730 mm | C1-4T |
| System-grid width 1350: | W = 1280 mm | C1-4U |
| System-grid width 900: | W = 830 mm | C1-4V |
| | | C1-4W |

Cat. No.

Swivel arm



Swivel arm, 1fold and 2fold

1fold swivel arm with two lockable pivots, 2fold swivel arm with three lockable pivots.

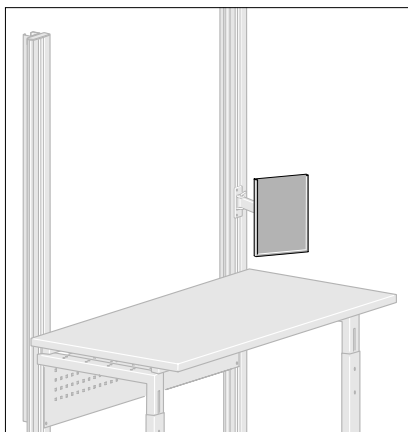
On the front prepared for the mounting of universal adapters. Steplessly mountable in height. Up to 25 kg resilient.

Swivel arm width: W = 20 mm
 Swivel arm height: H = 40 mm
 Pivot distance: 280 mm
 Powder coating color: RAL 7012

Swivel arm 1fold: L = 300 mm
 Swivel arm 2fold: L = 600 mm

C1-5D
C1-5E

Original holder



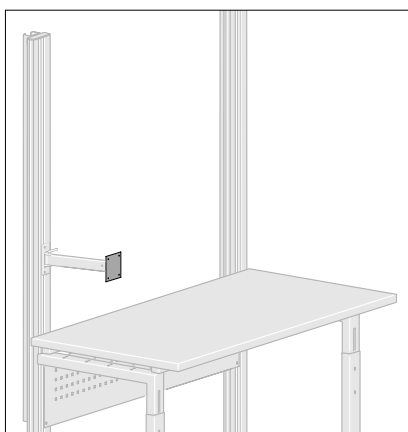
Original holder for swivel arm.

for fitting at the universal mounting of the swivel arm. Inclination steplessly adjustable up to 15°.

Original holder margin: 10 mm
 Original holder height: H = 330 mm
 Powder coating color: RAL 7035

| | | | |
|--------------------|------------|------------|--------------|
| Original holder 1: | 1 x DIN-A4 | W = 230 mm | C1-5N |
| Original holder 2: | 2 x DIN-A4 | W = 460 mm | C1-5P |

TFT-adapter



TFT-adapter for swivel arm.

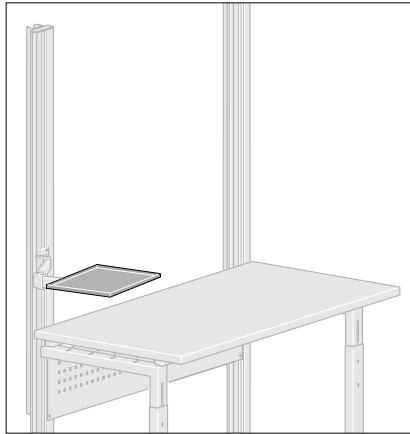
for fitting at the universal mounting of the swivel arm. Slope steplessly adjustable up to 15°. Adapter plate to VESA standard for 75 x 75 and 100 x 100 mm of feed hole pitch. TFT adapter up to 25 kg resilient.

Powder coating color:RAL 7035

TFT-adapter: **C1-5S**

System expansion equipment

Side shelf



Side shelf for swivel arm

for fitting at the universal mounting of the swivel arm. Inclination steplessly adjustable up to 15°. Side shelf up to 25 kg resilient.

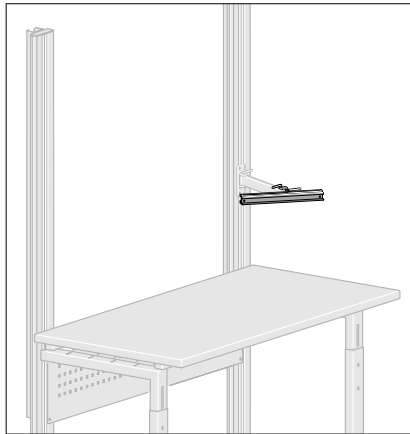
Side shelf margin: H = 13 mm
 Material thickness: T = 3 mm
 Powder coating color: RAL 7035

Cat. No.

Side shelf 1: W = 390, D = 250 mm
 Side shelf 2: W = 390, D = 300 mm

C1-5Q
C1-5R

Suspension extrusion



Container suspension extrusion for swivel arm.

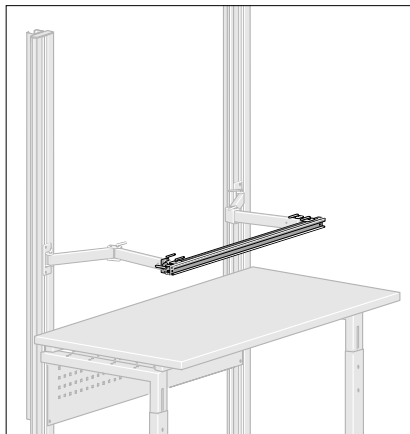
for fitting at the universal mounting of the swivel arm. For hanging up of grab containers. Slope steplessly adjustable up to 25°. Suspension extrusion up to 25 kg resilient.

Suspension extrusion height: H = 34 mm
 Suspension extrusion depth: D = 40 mm
 Powder coating color: RAL 7035

Suspension extrusion 1: W = 350 mm
 Suspension extrusion 2: W = 450 mm

C1-5L
C1-5M

Suspension extrusion



Container suspension extrusion for two swivel arms.

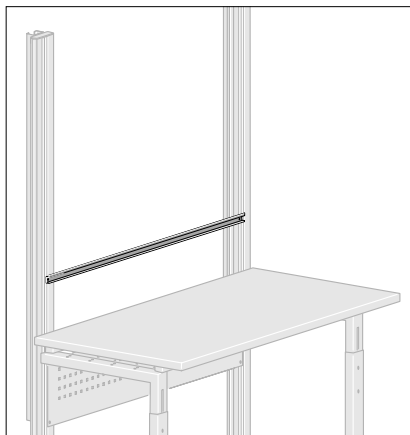
for fitting at the universal mounting of two 2fold swivel arms. For hanging up of grab containers. Tridimensional adjustment of the extrusion. Extrusion up to 30 kg resilient.

Suspension extrusion height: H = 34 mm
 Suspension extrusion depth: D = 40 mm
 Powder coating color: RAL 7035

System-grid width 1800 mm: W = 1455 mm
 System-grid width 1350 mm: W = 1005 mm
 System-grid width 900 mm: W = 555 mm

C1-5G
C1-5H
C1-5J

Suspension extrusion



Container suspension extrusion for system column.

for fitting between two system columns. For hanging up of grab containers. Suspension extrusion up to 40 kg resilient.

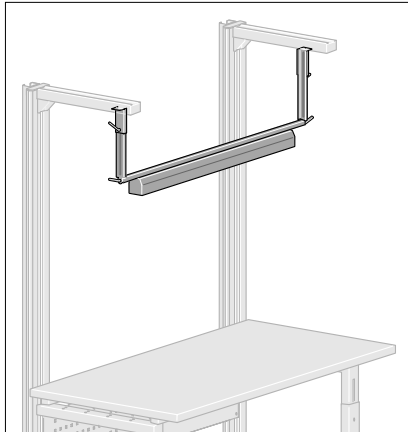
Suspension extrusion height: H = 34 mm
 Suspension extrusion depth: D = 40 mm
 Powder coating color: RAL 7035

System-grid width 1800 mm: W = 1795 mm
 System-grid width 1350 mm: W = 1345 mm
 System-grid width 900 mm: W = 895 mm

C1-5V
C1-5W
C1-5X

System-illumination

System light fixture
lengthwise



System light fixture lengthwise

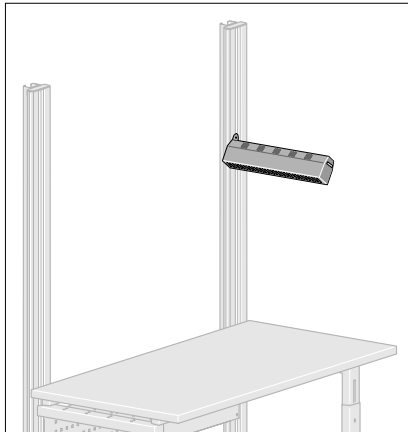
steplessly mountable in the depth of the crossbar. Compact fluorescent lamp with VVG, interior mirror and outside spacing bars for optimal luminous efficiency. Disturbing dazzlings are avoided. The light fixture can be adjusted in height and inclination.

| | |
|-----------------------------|-----------|
| Adjustable height: | 250 mm |
| Height of lighting fixture: | H = 65 mm |
| Depth of lighting fixture: | D = 65 mm |
| Powder coating color: | RAL 7035 |
| System-grid width 1800: | 1 x 36 W |
| System-grid width 1350: | 1 x 36 W |
| System-grid width 900: | 1 x 18 W |

Cat. No.

C1-6A
C1-6B
C1-6C

System light fixture
crosswise



System light fixture crosswise

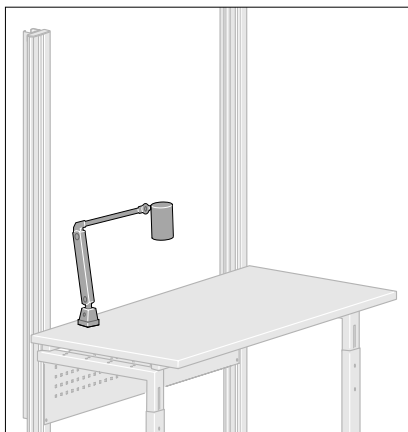
steplessly mountable in the height of the system column. Compact fluorescent lamp with EVG, interior mirror and outside spacing bars for optimal luminous efficiency. Disturbing dazzlings are avoided. The light fixture can be adjusted in inclination.

| | |
|--------------------------------|-----------|
| Adjustable height: | 250 mm |
| Height of lighting fixture: | H = 95 mm |
| Depth of lighting fixture: | D = 65 mm |
| Length of lighting fixture:L = | 490 mm |
| Powder coating color: | RAL 7035 |

| | |
|----------------------|----------|
| System light fixture | 1 x 36 W |
|----------------------|----------|

75-1M

Halogen spot-light



Halogen spotlight

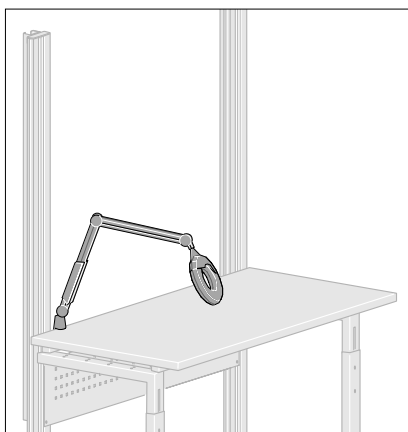
with two arms and three joints for exact adjustment. Particularly large radius by long arms. Low voltage transformer integrated in the lower arm. Fastening by means of 60 x 60 mm screw-on foot.

| | |
|-----------------------|----------|
| Upper arm: | 425 mm |
| Lower arm: | 280 mm |
| Turning angle: | 360° |
| Powder coating color: | RAL 7035 |

| | |
|------------------------|----------|
| Halogen spotlight: | 1 x 20 W |
| System column adapter: | |

85-2G
78-4D

Cold-light magnifying luminaire



Cold-light magnifying luminaire

with 220 mm reflektor diameter. 22 W annular fluorescent lamp. Diameter of magnifier 130 mm. 3 dioptries magnification. Low voltage transformer integrated in the lower arm. Include clamp for assembly at the table top.

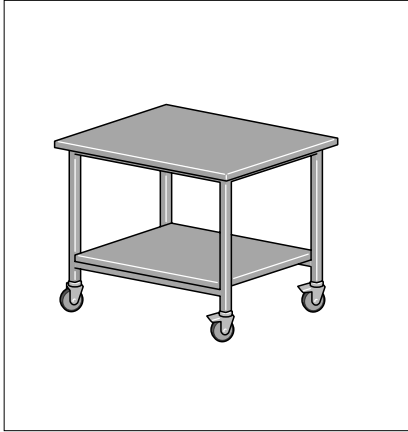
| | |
|-----------------------|----------|
| Powder coating color: | RAL 7035 |
|-----------------------|----------|

| | |
|----------------------------------|--|
| Cold-light magnifying luminaire: | |
| System column adapter: | |

85-1C
78-4D

Laboratory trolley Footrests

Laboratory
trolley



Laboratory trolley

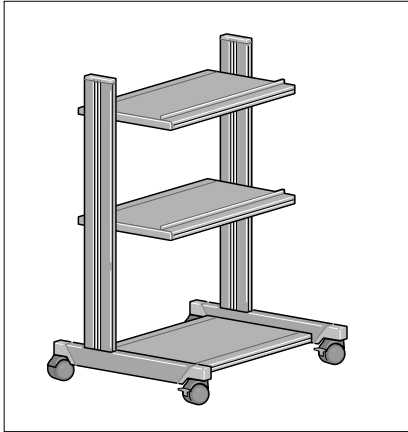
made from 30 x 30 mm tubular steel with 4 rubber casters, 75 mm diameter, two of which are lockable. Table top and shelf made of 30 mm thick 3-ply chipboard with 3 mm thick edging strip.

| | |
|-------------------------------|-------------|
| Laboratory trolley width:W = | 600 mm |
| Laboratory trolley height:H = | 780 mm |
| Table top color: | RAL 7035 |
| Powder coating color: | RAL 7035 |
| Laboratory trolley standard: | D = 900 mm |
| Laboratory trolley standard: | D = 1000 mm |
| Laboratory trolley ESD:D = | 900 mm |
| Laboratory trolley ESD:D = | 1000 mm |

Cat. No.

- 01-6A**
- 01-6U**
- 01-5U**
- 01-5V**

Trolley



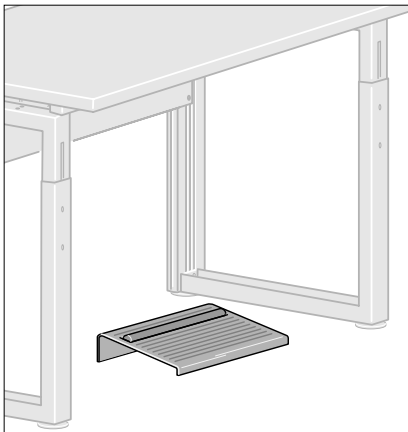
Trolley Inform Mobile.

Base framework made of aluminium extruded sections with 4 twin casters 75 mm Ø two if which are lockable. With fixed lower shelf (700 x 480 mm). The function shelves are adjustable in height and angle. Additional height extenders can be fitted any time

| | |
|-----------------------|-------------|
| Trolley width: | W = 780 mm |
| Trolley depth: | D = 700 mm |
| Trolley height: | H = 1000 mm |
| Color of shelves: | RAL 7035 |
| Powder coating color: | RAL 7012 |
| Trolley standard: | |
| Trolley ESD: | |

- 77-3A**
- 77-3A Z01**

Footrest
small



Footrest small

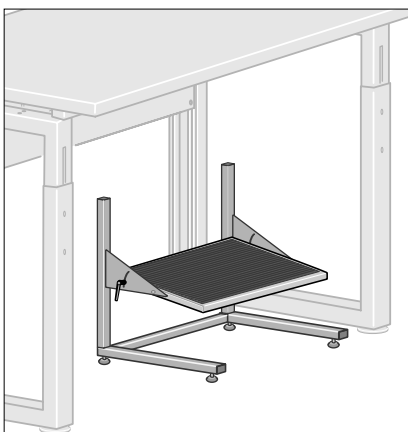
made from impact-resistant polystyrene. Rugged surface. Integrated foot training device to support the blood circulation. Standard design light gray. ESD design black.

| | |
|------------------|---------------|
| Footrest width: | W = 500 mm |
| Footrest depth: | D = 370 mm |
| Footrest height: | H = 45/100 mm |

| | |
|---------------------|--|
| Footrest standard: | |
| Footrest ESD: | |
| Metal footrest ESD: | |

- 85-4L**
- 01-4E**
- C1-6P**

Footrest
large



Footrest large

made from 40 x 40 mm tubular steel. Foot support 520 x 350 mm with rubber surface. Adjustable in height between 150 to 400 mm and in inclination. Four vertically height adjusters for leveling of the footrest.

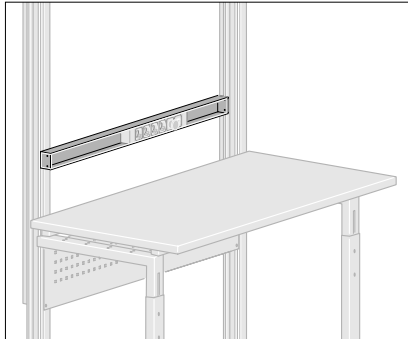
| | |
|------------------|------------|
| Footrest width: | W = 540 mm |
| Footrest depth: | D = 440 mm |
| Footrest height: | H = 500 mm |

| | |
|--------------------|--|
| Footrest standard: | |
| Footrest ESD: | |

- 85-4N**
- 85-4N Z01**

Power Distributor System 60

Power distributor
System 60



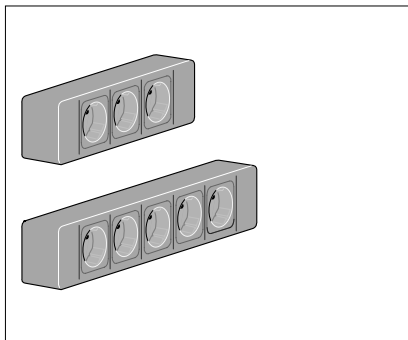
Power distributor System 60

Power distributor System 60 made of sheet metal to accept power supply, data and compressed air supply units. The distributor is fitted steplessly as an elevated modular structure between System columns.

| | | |
|-------------------------|-----|----------|
| Distributor height: | H = | 62 mm |
| Distributor depth: | D = | 74 mm |
| Powder coating color: | | RAL 7035 |
| System-grid width 1800: | W= | 1675 mm |
| System-grid width 1350: | W = | 1225 mm |
| System-grid width 900: | W = | 775 mm |

Cat. No.

Power supply panel
System 60



Power supply panel System 60

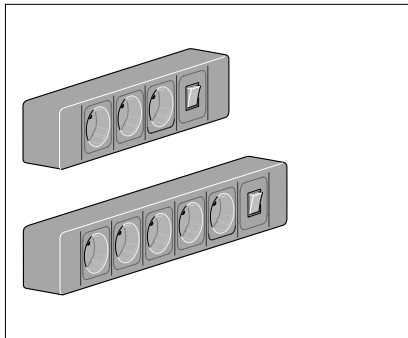
incl. mains input plug to the power line and directly linked mains output jack. The electrical outlets are mounted by 45° revolved to accept elbow plugs. Panel made of impact-resistant, halogen free synthetic material, black. 3 x (5 x) Schuko-socket outlets

| | |
|--------------|-----------|
| Supply panel | 3 outlets |
| Supply panel | 5 outlets |

**C1-7A
C1-7B
C1-7C**

**C1-8A
C1-8B**

Power supply panel
System 60



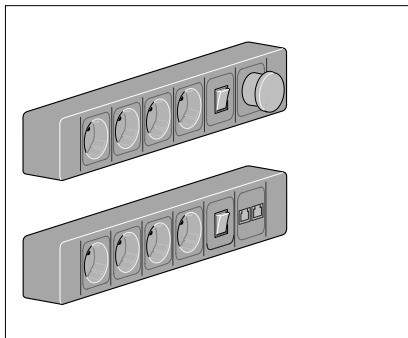
Power supply panel System 60

incl. mains input plug to the power line and directly linked mains output jack. The electrical outlets are mounted by 45° revolved to accept elbow plugs. Panel made of impact-resistant, halogen free synthetic material, black. 3 x (5 x) Schuko-socket outlets
1 x 2pole, illuminated On/Off switch

| | |
|--------------|-----------|
| Supply panel | 3 outlets |
| Supply panel | 5 outlets |

**C1-8C
C1-8D**

Power supply panel
System 60



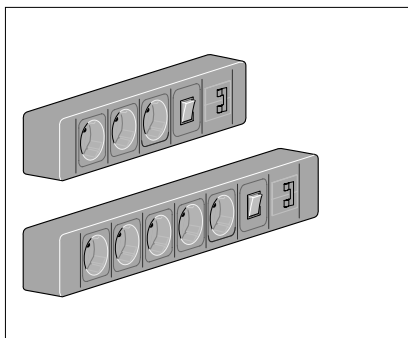
Power supply panel System 60

incl. mains input plug to the power line and directly linked mains output jack. The electrical outlets are mounted by 45° revolved to accept elbow plugs. Panel made of impact-resistant, halogen free synthetic material, black. 4 x outlets, 1 x 2pole, illuminated On/Off switch
1 x Emergency Off, not wired up
alternatively 1 x RJ45 Cat5, not wired up

| | |
|----------------------------|-----------|
| Supply panel Emergency Off | 4 outlets |
| Supply panel RJ45 Cat 5 | 4 outlets |

**C1-8E
C1-8F**

Power supply panel
System 60



Power supply panel System 60

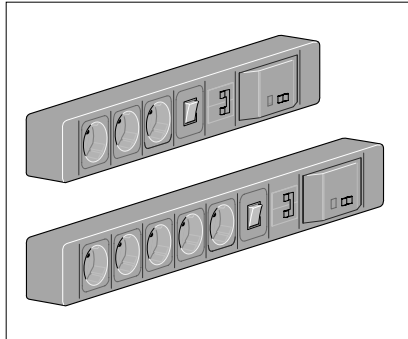
incl. mains input plug to the power line and directly linked mains output jack. The electrical outlets are mounted by 45° revolved to accept elbow plugs. Panel made of impact-resistant, halogen free synthetic material, black. 3 x (5 x) outlets, 1 x 2pole, illuminated On/Off switch
2 x 10 A automatic circuit breakers

| | |
|--------------|-----------|
| Supply panel | 3 outlets |
| Supply panel | 5 outlets |

**C1-8G
C1-8H**

Power Distributor System 60

Power supply panel
System 60



Power supply panel System 60

incl. mains input plug to the power line and directly linked mains output jack. The electrical outlets are mounted by 45° revolved to accept elbow plugs. Panel made of impact-resistant, halogen free synthetic material, black. 3 x (5 x) outlets

- 1 x 2pole, illuminated On/Off switch
- 2 x 10 A automatic circuit breakers
- 1 x earth leakage circuit breaker 25 A/ 30 mA

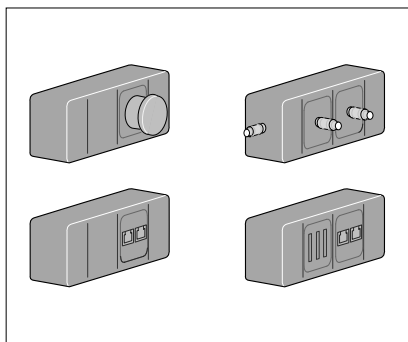
| | |
|--------------|-----------|
| Supply panel | 3 outlets |
| Supply panel | 5 outlets |

Cat. No.

C1-8J

C1-8K

Power supply panel
System 60



Power supply panel System 60

Module with unwired emergency off button (2 x N/C).

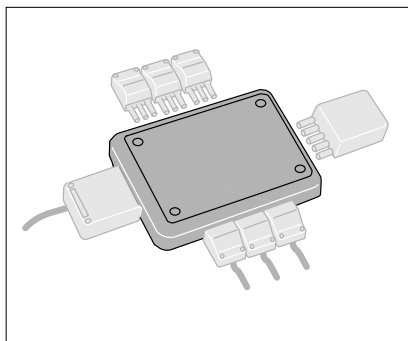
Module with outlet 2fold RJ45 Cat 5 screened.

Module with quick acting compressed air couplings.

Module with NFN communication interface.

| | | |
|--------------|-----------------------------|------------------|
| System panel | Emergency Off | C1-8P |
| System panel | 2fold RJ45 Cat 5 | C1-8Q |
| System panel | 2fold compressed air NW 5 | C1-8R |
| System panel | 2fold compressed air NW 7.2 | C1-8S |
| System panel | 3fold NFN | C1-8Q Z01 |
| System panel | 2fold RJ45 and 3fold NFN | C1-8Q Z02 |

Distribution box
System 60



Distribution box System 60

1phase (plug system GST18):

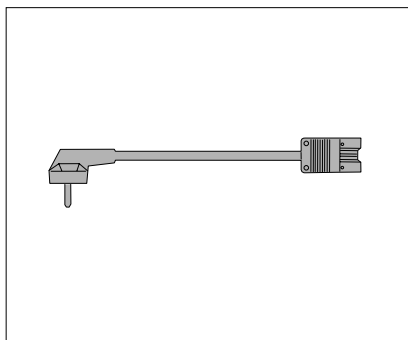
- 1 x mains input plug 1phase
- 6 x output jacks 1phase (6 x L1)
- 1 x mains output jack 1phase

3phase (plug system GST 18):

- 1 x mains input plug 3phase
- 6 x output jacks 1phase (2 x L1, 2 x L2, 2 x L3)
- 1 x mains output jack 3phase

| | | |
|------------------|--------|--------------|
| Distribution box | 1phase | C1-8T |
| Distribution box | 3phase | C1-8U |

Mains supply cable
System 60



Mains supply cable System 60

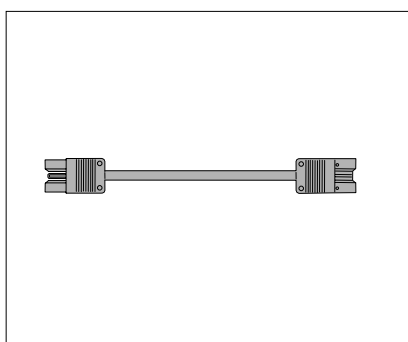
Cable 1.5 mm². One end with safety contact plug. Other side with mains output jack (GST 18) for the directly bonding of the socket strip or the 1phase distribution box.

| | |
|---------------|--------------------|
| Length 200 cm | C1-8V ZL200 |
| Length 300 cm | C1-8V ZL300 |
| Length 400 cm | C1-8V ZL400 |

Mains supply cable 1phase

Please, complete the identification xx at the Cat. No. by the **C1-8V xx** additional remark (e.g. for length of 300 mm) ZL300!

Mains supply cable
System 60



Mains supply cable System 60

Cable 1.5 mm². One end with safety contact plug. Other side with mains output jack (GST 18) for the directly bonding of the socket strip or the 1phase distributor box. Plug system GST 18.

| | |
|---------------|-------------------|
| Length 50 cm | C1-8W ZL50 |
| Length 100 cm | C1-8WZL100 |
| Length 250 cm | C1-8WZL250 |

Mains supply cable 1phase

Plug, individual 1phase

Jack, individual 1phase

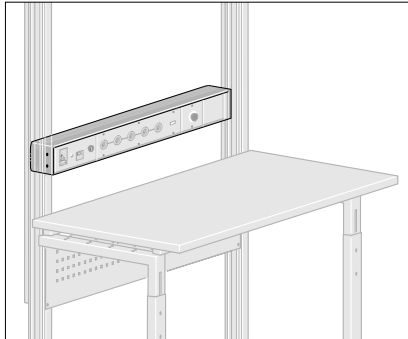
C1-8W xx

C1-8X

C1-8Y

Power Distributor System 110

Power distributor
System 110



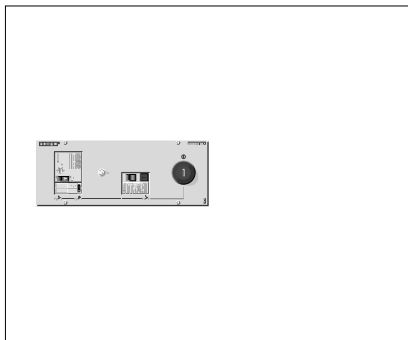
Power distributor System 110

Inform aluminium distributor System 110 to accept front and supply panels. The distributor is fitted steplessly as an elevated modular structure between System columns. Incl. adapter panel. (Width Unit WU = 146 mm)

| | | | |
|-------------------------|-----|----------|--------------|
| Distributor height: | H = | 115 mm | |
| Distributor depth: | D = | 120 mm | |
| Powder coating color: | | RAL 7035 | |
| System-grid width 1800: | | 11 WU | C1-7K |
| System-grid width 1350: | | 8 WU | C1-7L |
| System-grid width 900: | | 5 WU | C1-7M |

Cat. No.

Mains supply panel
System 110

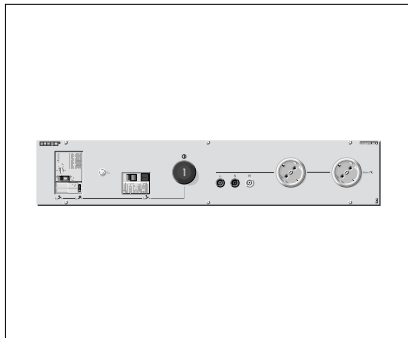


Mains supply panel System 110

completely wired up and equipped with:
1 keyswitch
1 earth leakage circuit breaker 30 mA/ 25 A
1 motor protection switch 10...16 A
with undervoltage trip
1 phase indicator lamp

| | | |
|--------------------|------|--------------|
| Mains supply panel | 2 WU | 11-3D |
|--------------------|------|--------------|

Mains supply panel
System 110

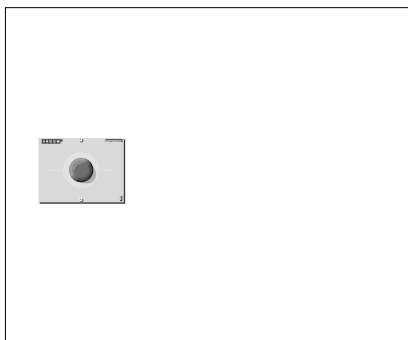


Mains supply panel System 110

completely wired up and equipped with:
1 keyswitch
1 earth leakage circuit breaker 30 mA/ 25 A
1 motor protection switch 10...16 A
with undervoltage trip
1 phase indicator lamp
2 socket outlets
3 safety lab terminals L1, N, PE (4 mm)

| | | |
|--------------------|------|--------------|
| Mains supply panel | 4 WU | 11-3F |
|--------------------|------|--------------|

Emergency Off
System 110

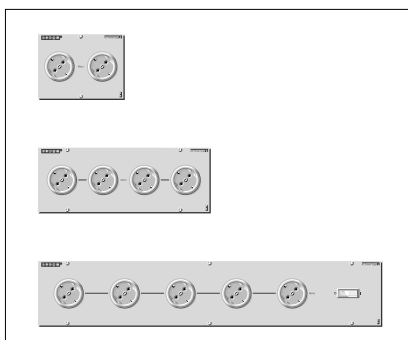


Emergency Off button

equipped with:
1 not wired up emergency push button
with locking and yellow ring

| | | |
|---------------------------|------|--------------|
| Emergency Off push button | 1 WU | 11-3P |
|---------------------------|------|--------------|

Socket outlets
System 110



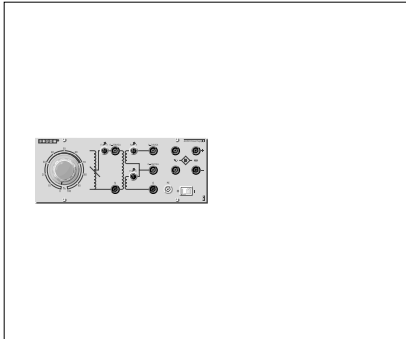
Earth safety sockets (German standard)

completely wired up and equipped with:
2 socket outlets Typ 11-3H
4 socket outlets Typ 11-3K
5 socket outlets with On/Off switch Typ 11-3L

| | | |
|------------------|------|--------------|
| 2 socket outlets | 1 WU | 11-3H |
| 4 socket outlets | 2 WU | 11-3K |
| 5 socket outlets | 4 WU | 11-3L |

Power Distributor System 110

AC/DC supply
System 110



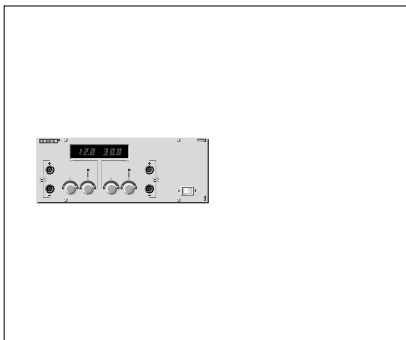
AC-/DC supply, adjustable

completely wired up and equipped with:
 3 automatic circuit breakers
 1 rectifier in bridge connection
 10 safety lab terminals
 1 illuminated rocker switch
 0... 12 V/ 12 A floating
 0... 12 V/ 12 A floating
 0... 24 V/ 6 A floating
 0... 260 V/2 A not floating
 AC-/DC supply adjustable

Cat. no.

2 WU **11-4N**

DC stabilizer
System 110

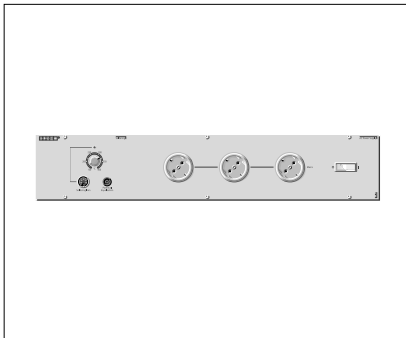


DC-double stabilizer, adjustable

completely wired up and equipped with:
 2 digital volt/ampere meter
 2 display switchover voltage/current
 4 safety lab terminals
 4 potentiometer for voltage /current limitation
 2 overload LED's
 1 illuminated rocker switch
 2 x 0..30 V/ 0...1 A
 DC-double stabilizer, adjustable 2 WU

11-5L

Soldering station
System 110

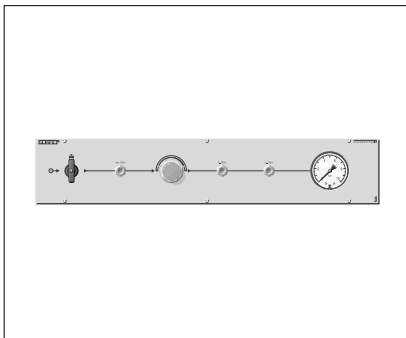


Soldering station

completely wired up and equipped with:
 1 temperature regulating potentiometer
 1 LED
 1 soldering connecting socket
 1 potential compensation socket
 3 socket outlets
 1 illuminated rocker switch
 Incl. 50 W soldering iron and holder.
 Elektronik temperature regulation 150...400° C
 Soldering station 50 W

4 WU **11-6M**

Pressurized air supply
System 110

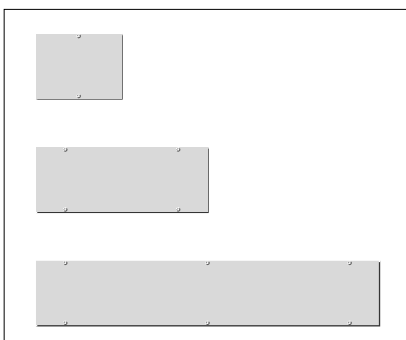


Pressurized air supply

completely with tube installation and equipped with:
 1 valve
 1 pressure regulator 0.5...10 bar
 1 pressure indicator 0...10 bar, class 1.6
 3 self sealing connection sockets NW 5
 1 hose 6/4 mm (0.5 mm)
 for on-site connection

Pressurized air supply 4 WU **11-6K**

Blank panels
System 110



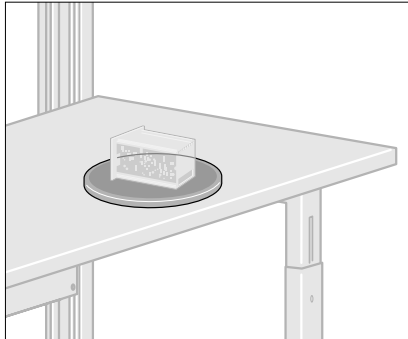
Blank panels

made of 3 mm aluminium, powder coated on both sides,
 color panel-white in panelweiß

Blank panel W = 146 mm 1 WU **11-3C**
 Blank panel W = 293 mm 2 WU **11-3B**
 Blank panel W = 586 mm 4 WU **11-3A**

Rotating surface Balancer

Rotating surface



Rotating surface

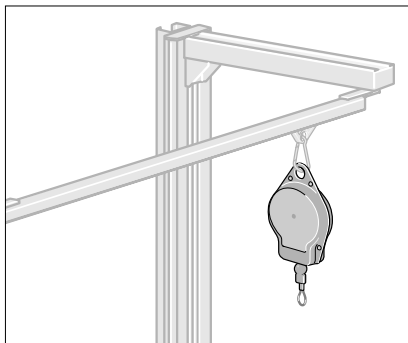
on both sides with rubber mat with honey-comp pattern.
 Diameter: 380 mm
 Load capacity: 100 kg
 Color: black

Cat. No.

Rotating surface standard:
 Rotating surface ESD:

78-4G
78-4H

Spring pull



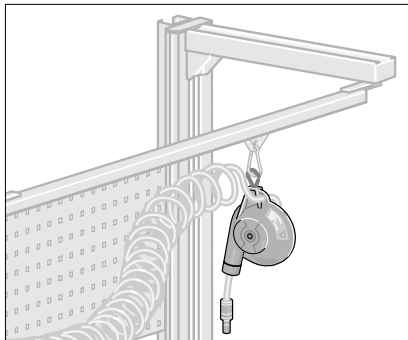
Spring pull

with steel housing and adjustable load. Top part with hanging eye, lower part with snap hook.
 Carrying load: 1...2 kg
 Rope length: 1.5 m

Spring pull

78-4Q

Spring pull compressed air



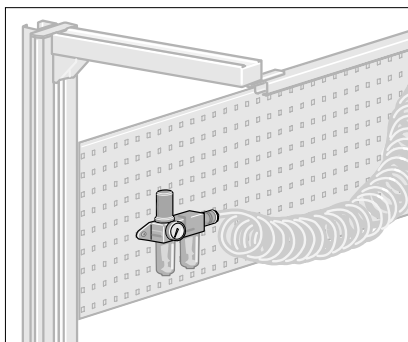
Spring pull compressed air

with adjustable load. Input via quick coupling, output with quick acting coupling NW 5. Top part with hanging eye.
 Carrying load: 0.5...1.0 kg
 Rope length: 0.9 m

Spring pull compressed air

78-4R

Service unit



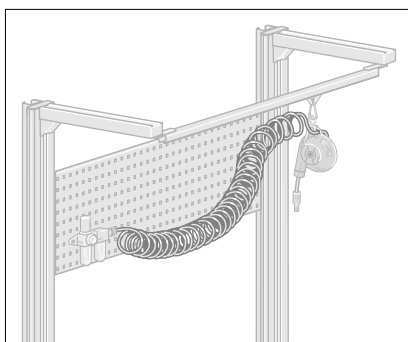
Service unit

with pressure gauge, regulator, water separator and oil misting unit. Output via quick acting coupling NW 5.

Service unit compressed air

78-4L

Spiral hose



Spiral hose

made from polyamide with quick acting coupling and connection NW 5 and anti-kink device.

Hose length: 2.5 m

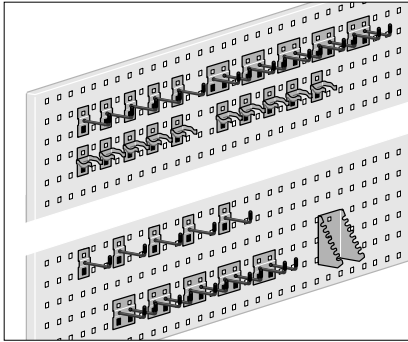
Spiral hose compressed air

78-4M

Hook assortments for patchboards Exhauster Roller conveyors

Driven, controlled transport systems on request

Hook assort- ment for patch- boards



Hook assortment for patchboards

for patchboards with Euro perforation. Hook made of galvanized steel. With off-hook safety mechanism.

Hook assortment 1 consisting of: 20 parts

5 single hooks with, 5 double hooks D = 75 mm

10 single tool holder with D = 6...51 mm

Hook assortment 2 consisting of: 11 parts

5 single hooks, 5 double hooks D = 75 mm

1 Spanner support 7-fold

Tool holder for patchboard 19 latches

Box rail for patchboard

W = 450 mm

Cat. No.

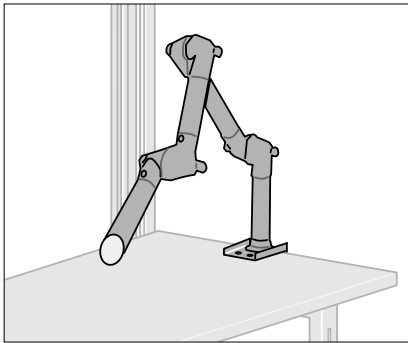
C1-6M

C1-6N

81-8P Z03

C1-5K

Exhauster arm



Exhauster arm with 3fold joint

Aluminum tube exhauster arm with NW 50 mm. Three synthetic material joints allow adjustment to any required position. Built-in valve to reduce current flow of air. Front tube nozzle.

Tube nominal width: 50 mm

Arm reach: 750 mm

Clamp for exhauster arm:

System-column support for exhauster arm:

Exhauster arm 3-joint standard:

Exhauster arm 3-joint ESD:

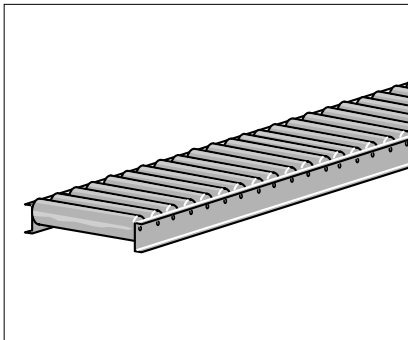
C1-6K

C1-6L

C1-6H

C1-6J

Roller conveyor width 300 mm



Roller conveyor width 300 mm

Rollers with supporting pipe made of high impact-resistant synthetic material. Easy movable synthetic bearing with ball row. Metal frame from channel profile 20x60 mm

Roller diameter: D = 50 mm

Roller width: W = 300 mm

Total width: W = 340 mm

Roller partition: P = 75 mm

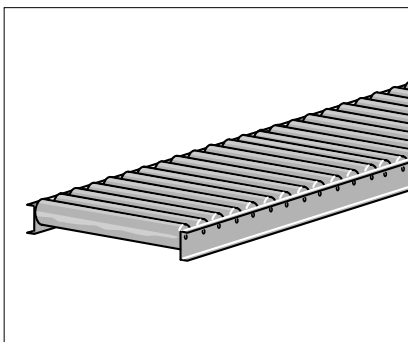
Roller load: 30 kg max.

Length 1000 mm C1-7R ZL100

Roller conveyor width 300 mm ZLxx = Length

C1-7R xx

Roller conveyor width 500 mm



Roller conveyor width 500 mm

Rollers with supporting pipe made of high impact-resistant synthetic material. Easy movable synthetic bearing with ball row. Metal frame from channel profile 20x60 mm

Roller diameter: D = 50 mm

Roller width: W = 500 mm

Total width: W = 540 mm

Roller partition: P = 75 mm

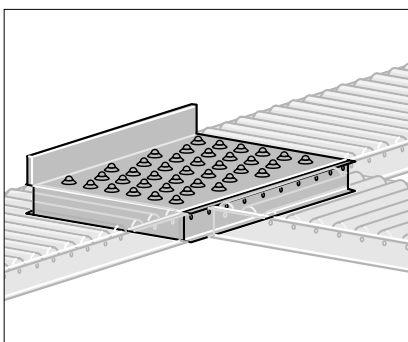
Roller load: 30 kg max.

Length 1000 mm C1-7S ZL100

Roller conveyor width 500 mm ZLxx = Length

C1-7S xx

Ball table



Ball table

with running balls to transfer, turn and distribute. Ball easy running in a sheet-iron casing and integrated in the base plate.

Ball diameter: D = 15 mm

Ball partition: P = 75 mm

Ball load: 50 kg max.

Ball table 300 x 300 mm

Ball table 500 x 500 mm

Ball table 500 x 300 mm

C1-7V

C1-7W

C1-7X

Swivel chairs

Swivel chair
Sintec



Swivel chair Sintec

with permanent contact backrest (perm.) or alternatively with seat and backrest in synchronous technology (synch.). Seat height adjustment from 430 to 580 mm. Seat and backrest made of unbreakable polypropylene. Please order seat and backrest upholsteries separately.

| | | | |
|---------------------------|---------|----------|------------------|
| Swivel chair with gliders | perm. | standard | 05-4A |
| Swivel chair with casters | perm. | standard | 05-4B |
| Swivel chair with gliders | perm. | ESD | 05-4K Z01 |
| Swivel chair with casters | perm. | ESD | 05-4L Z01 |
| Swivel chair with gliders | synchr. | standard | 05-4A Z02 |
| Swivel chair with casters | synchr. | standard | 05-4B Z02 |
| Swivel chair with gliders | synchr. | ESD | 05-4K Z02 |
| Swivel chair with casters | synchr. | ESD | 05-4L Z02 |

Cat. No.

Swivel chair
Sintec-high



Swivel chair Sintec-high

with permanent contact backrest (perm.) or alternatively with seat and backrest in synchronous technology (synch.) Seat height adjustment from 580 to 850 mm with ascent help. Seat and backrest made of unbreakable polypropylene. Please order seat and backrest upholsteries separately.

| | | | |
|---------------------------|---------|----------|------------------|
| Swivel chair with gliders | perm. | standard | 05-4A Z03 |
| Swivel chair with gliders | perm. | ESD | 05-4K Z03 |
| Swivel chair with gliders | synchr. | standard | 05-4B Z03 |
| Swivel chair with gliders | synchr. | ESD | 05-4L Z03 |

Swivel chair
Sintec accessories



Swivel chair Sintec accessories

Durable integral foam cushion. Easy to clean and resistant to light acids. Breathing active textile upholstery made from 100% Trevira fabric. Closed ring armrest made of synthetic material. Adjustable in width by 20 mm.

| | | | |
|---------------------------|-------|----------|------------------|
| Integrals foam upholstery | blue | standard | 05-4E |
| Integrals foam upholstery | black | ESD | 05-4E Z01 |
| Textile upholstery | black | standard | 05-4F |
| Textile upholstery | black | ESD | 05-4F Z01 |
| Ring armrest | black | standard | 05-4H |
| Ring armrest | black | ESD | 05-4H Z01 |

Swivel chair
beech wood



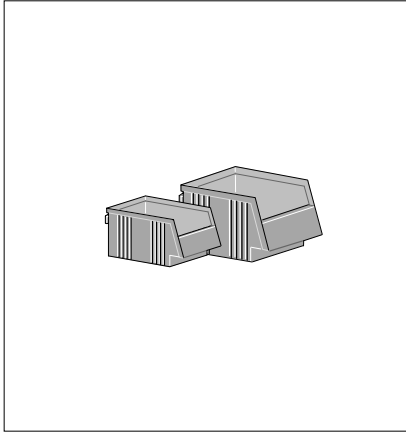
Swivel chair lamiated beech wood

with anatomically designed seat and backrest, made from laminated beech wood, with natural lacquer finish. Height adjustment from 400 to 520 mm by safe lift. Spring-loaded backrest adjustable in height.

| | | |
|---------------------------|------------|--------------|
| Swivel chair with gliders | beech wood | 05-3A |
| Swivel chair with casters | beech wood | 05-3B |

Bins

Bin



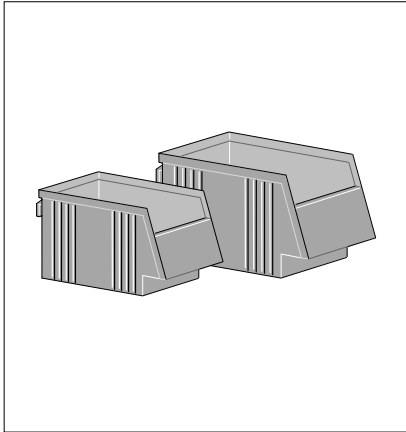
Bin

Robust bins made of polypropylene, temperature and oil resistant. Corrugated bottom and large opening for comfortable withdrawal. Rear with hook-on device. ESD bins in black color.

| | | |
|------------|------------------------------|-----------------|
| Bin 1 red | W = 105, D = 165, H = 75 mm | C1-6Q ZR |
| Bin 1 blau | W = 105, D = 165, H = 75 mm | C1-6Q ZB |
| Bin 1 grün | W = 105, D = 165, H = 75 mm | C1-6Q ZG |
| Bin 1 ESD | W = 105, D = 165, H = 75 mm | C1-6Q ZL |
| Bin 2 rot | W = 149, D = 192, H = 105 mm | C1-6R ZR |
| Bin 2 blau | W = 149, D = 192, H = 105 mm | C1-6R ZB |
| Bin 2 grün | W = 149, D = 192, H = 105 mm | C1-6R ZG |
| Bin 2 ESD | W = 149, D = 192, H = 105 mm | C1-6R ZL |

Cat. No.

Bin

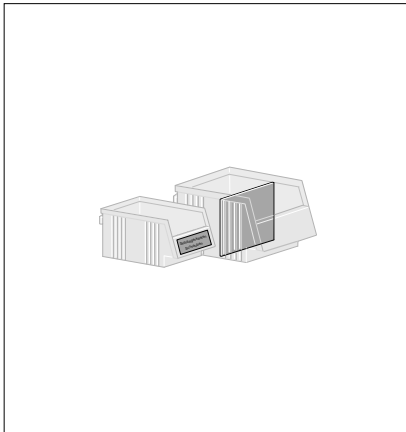


Bin

Robust bins made of polypropylene, temperature and oil resistant. Corrugated bottom and large opening for comfortable withdrawal. Rear with hook-on device. ESD bins in black color.

| | | |
|-------------|------------------------------|-----------------|
| Bin 3 red | W = 149, D = 250, H = 130 mm | C1-6S ZR |
| Bin 3 blue | W = 149, D = 250, H = 130 mm | C1-6S ZB |
| Bin 3 green | W = 149, D = 250, H = 130 mm | C1-6S ZG |
| Bin 3 ESD | W = 149, D = 250, H = 130 mm | C1-6S ZL |
| Bin 4 red | W = 186, D = 300, H = 156 mm | C1-6T ZR |
| Bin 4 blue | W = 186, D = 300, H = 156 mm | C1-6T ZB |
| Bin 4 green | W = 186, D = 300, H = 156 mm | C1-6T ZG |
| Bin 4 ESD | W = 186, D = 300, H = 156 mm | C1-6T ZL |

Bin accessories

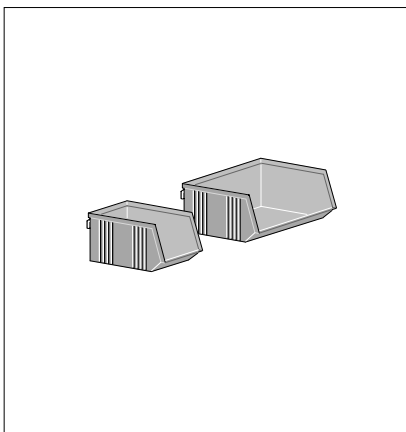


Bin accessories

Etiquettes and partition walls

| | | |
|-------|---------------------|-----------------|
| Bin 1 | Etiquette with foil | C1-6U Z1 |
| Bin 2 | Etiquette with foil | C1-6U Z2 |
| Bin 3 | Etiquette with foil | C1-6U Z3 |
| Bin 4 | Etiquette with foil | C1-6U Z4 |
| Bin 3 | Partition wall | C1-6V Z1 |
| Bin 4 | Partition wall | C1-6V Z3 |

Grab tray



Grab tray

robust grab tray made from polystyrene for withdrawal of bits and pieces at manual assembly. Rounded corners and ergonomic grab ledge make it easier to pick up pieces. ESD bins in black color.

| | | |
|-------------|-----------------------------|-----------------|
| Bin 1 red | W = 99, D = 160, H = 70 mm | C1-6W ZR |
| Bin 1 blue | W = 99, D = 160, H = 70 mm | C1-6W ZB |
| Bin 1 green | W = 99, D = 160, H = 70 mm | C1-6W ZG |
| Bin 1 ESD | W = 99, D = 160, H = 70 mm | C1-6W ZL |
| Bin 2 red | W = 198, D = 160, H = 70 mm | C1-6X ZR |
| Bin 2 blue | W = 198, D = 160, H = 70 mm | C1-6X ZB |
| Bin 2 green | W = 198, D = 160, H = 70 mm | C1-6X ZG |
| Bin2 ESD | W = 198, D = 160, H = 70 mm | C1-6X ZL |



Elabo TaMas

Advantage in detail

Height adjusting scale
optional for the reproducible transformation of the workstations to the respective requirements.

System channel, vertical, offers ample space for the installation of energy/compressed air and data lines.



EM X11 work top support with a spacious height altering range of tabletops from 745 to 1100 mm.



Supporting foot for height levelling by means of sturdy M10 screw. Foot plate D = 80 mm.



System channel, horizontal, with prepared, double-sided assembly possibility for attachments and distributors.



Crossbar, crosswise for the depth variable mounting of running rails, light fittings and accessories.



Patchboard for the individual arrangement of support and organizing elements.

Quick acting clamp allows for second's time variation of to be frequently changed add-on swivel arms and add-on units.

Intermediate shelf with column adapter for height and slope variations (30°).

High productivity by fast adaptation to changed applications!

Exemplary ergonomics by fast and precise tuning in for the individual user!

Perfectly custom-designed solutions with the Elabo planning and construction service!

Convincingly economic through its attractive price-performance payoff!

The best investment safety through high-quality form of construction and almost unlimited expansion capability!



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ELABO stands for customer individual solutions.

We develop tailor made, highly flexible systems for our customers within the fields of electronics and electrical engineering. Our range of products reaches from the planning and equipping of lecture rooms and technical workstations for almost all branches of the industry up to the engineering and production of complex quality assurance test systems.

Within the years since the foundation of ELABO 1972 we have learned to bring most varying competences together to the use of our customers: sound know-how in electrical engineering, electronic hardware and software, process management and logistics experience, the knowledge and the "seventh sense" of ergonomic qualities, of which are beneficial to the efficiency and the protection of health of the people working on ELABO facilities, as well as comprehensive knowledge of the work place health and safety regulations and the technical norms. Not at last we have the abilities and the complete technical equipment which is required for the production of customer designed solutions. ELABO is a very modern enterprise: a hardware producing knowledge service provider, whose performances is focussed on the specific requirements of the individual customer.

The success of this enterprise orientation lives on that we understand the pragmatic and the strategic tasks of our customers and develop adequate supports. We want to prove this knowledge. Contact us. We look forward to seeing you.



Elabo product lines

-  **TrainingSystems:** Education and training
-  **Electronics:** Research, development and test
-  **TaMas:** Manual and partial manual production and assembly
-  **TaCom:** Process monitoring and control
-  **TestSystems:** Quality assurance
-  **InForm/EcoTec:** Furnishing and equipment