Global Source
YOUR INDUSTRY PARTNER

TECHNICAL & ESD FURNITURE
ANTISTATIC EQUIPMENT

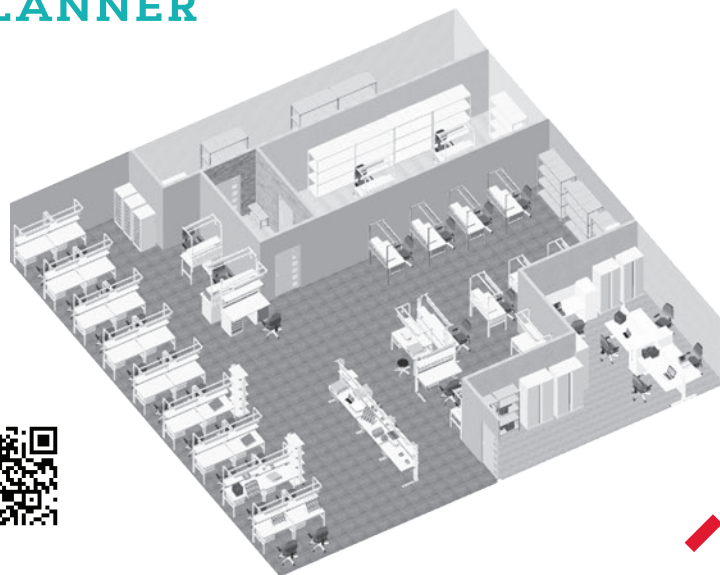catalog 2018 🇬🇧

Table of content

3D online workspace Planner

The 3D online workspace planner software is used for manufacturing space retrofitting planning, design and visualization; it provides the possibility of trying on several options of the entire production area equipment with furniture and additional elements.

While being on the stage of planning new manufacturing facilities, workspace refurbishing or re-equipping it is very useful to have the ability to compare different types of furniture and equipment layouts. Using the exact halls dimensions, 3D Planner software user can build up a 3D plan of the hall, estimate the quantity of necessary technical furniture and it's disposition, arrange workplaces, passageways and utility premises. Our online 3D workspace Planner allows to specify windows, doors, columns' sizes and positions, and to choose colors and shapes of additional elements.

Online software is free and can be used by any visitor of http://globalsource.ro/furniture/esd-workbenches/ configure; one just needs to install a plug-in to their computer.After working with 3D workspace planner software, a user gets visual plans of re-equipped halls in isometric, top and 3D front view and detailed list of chosen furniture and equipment. All hall plans can be saved in standard .jpg format images, which are easy to be sent, viewed or printed. One can also save 3D designs in specific .o3d format and continue the work later.

Our customers

Technical&ESD furniture

ALPHA, ALPHA universal

ALLIANCE, ALLIANCE automatic

GAMMA

CLASSIC

COMFORT

CONSTANT

OSTROV

VERSTAK

TITAN

Wire harness workbench

SPECIALIZED

UNIVERSAL

WORKPLACES SERIES:

Most of products are available in technical and ESD (antistatic) versions, the latter are marked with ESD label.

Steel frames are powder-coated in dark grey (RAL 7012) or light grey (RAL 7035) color, tabletops are resistant to abrasion. Some workbenches also have black (RAL 9005), white (RAL 9010) and turquoise (RAL 5021) parts. workbenches are modular, allowing customers to order only necessary parts and get workplaces for any specific use. workbenches can be equipped with standard and LED upper workbench lighting units.

Sets of furniture can be supplemented by additional equipment at any time after the purchase. Assembly and installation is quick and simple, clear assembly instructions are provided with each module, they are also available for download from globalsource.ro Worktops and shelves are designed to endure big loads. Rigid and robust construction of workbenches provides reliable usage and thought-out ergonomics — for comfortable work. ESD-protected products are compliant with IEC 61340 standard, have corresponding certificates and test reports.

workbenches product range includes a wide line of functional, convertible and interchangeable modules for each particular enterprise. To facilitate configuration and simplify different elements choosing, our customers are welcome to use CONFIGURATOR, our online service that helps to interactively select all necessary workbench parts. After choosing required options and elements, one can print the individual set and use the picture and the list of modules for future orders.

We divide our workbenches and supplementary elements in several series, each has its own peculiarities:

– **ALPHA** series workbenches allow effective use of space, offer practical structures and a compact size;

– **ALPHA Universal and ALPHA T** are simplified ALPHA workbenches without possibility of upper extensions;

– **ALLIANCE** workbenches are distinguished by elegant design, advanced ergonomics and convenient system of height adjustment. They can be placed in an inseparable line where each two tabletops are held by lateral frames and share those in the middle. Also available in double-sided version;

– **ALLIANCE Automatic** with motorized worktop adjustment system, performed by electric drive and simple control unit;

– **GAMMA SERIES** is based on the concept of clear surfaces, where all technical communications are hidden and the fasteners organically fit the design;

– **CLASSIC** workplaces are simple, functional and inexpensive. They can be placed in a line with no gaps for conveyor work;

– **COMFORT** workbenches are based on L-shape steel supports and offer advanced ergonomics for comfortable work;

– **CONSTANT** workbenches with fixed worktop height are equipped with functional supports and can withstand an increased load;

– **OSTROV** double-sided workbenches are designed for the most effective use of workspace;

– **VERSTAK** workbenches are available only in non-antistatic version, but their rigidity and different tabletop and support types will be useful for manufacturing process;

– **TITAN** heavy duty workbenches with up to 2000 kg load capacity and enhanced tabletops;

– **Wire harness workbench** with 0˚ to 80˚ angle adjustable worktop, which allows fastening various types of wires and bundles;

– **SPECIALIZED** workbenches were made to satisfy specific working process requirements;

– **UNIVERSAL** workbenches, the simplest and cheapest ones, they do not allow any above tabletop extensions.

In addition, we can always manufacture customized products and are confident of our ability to satisfy and meet our customer's individual requirements.
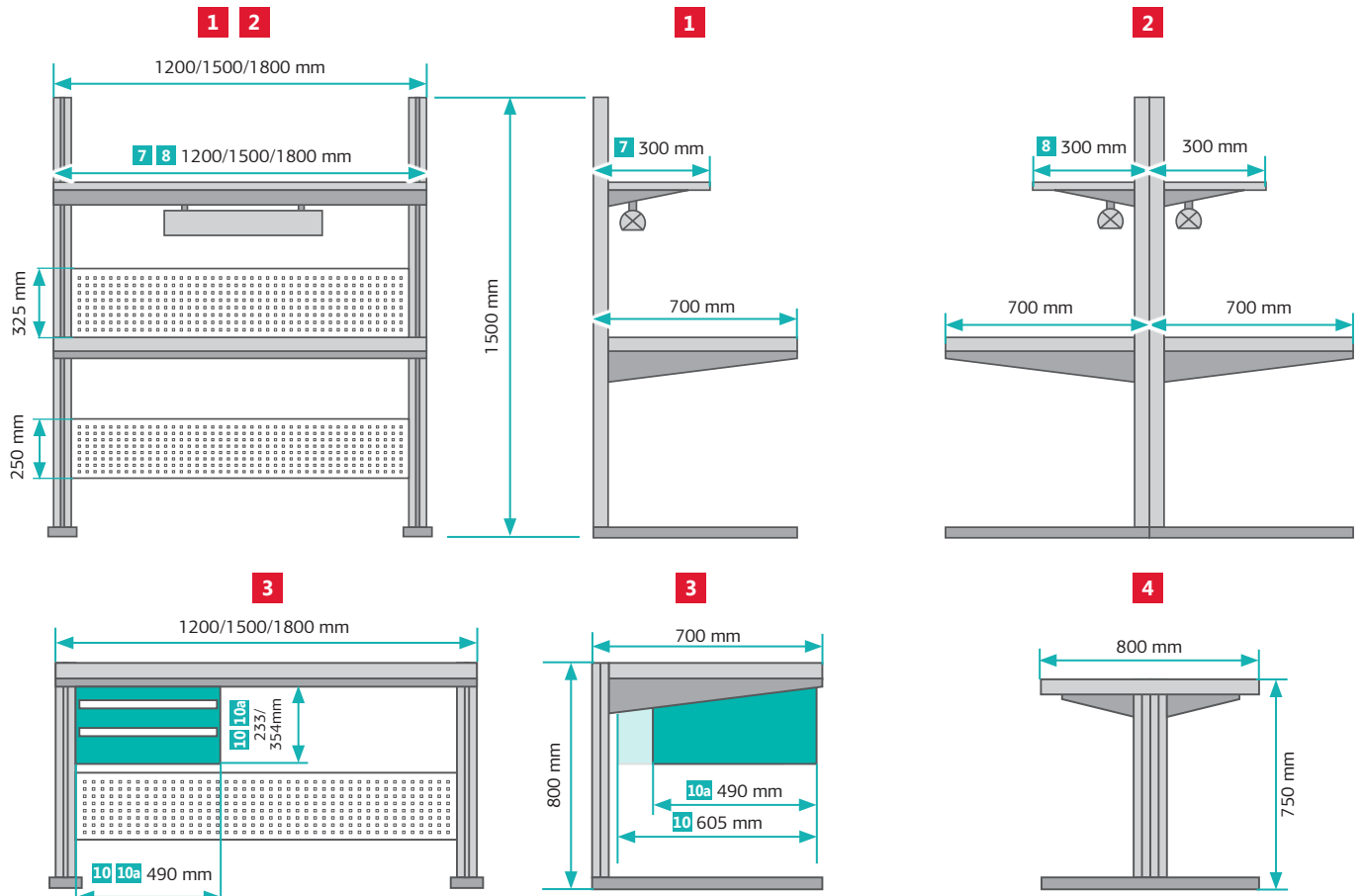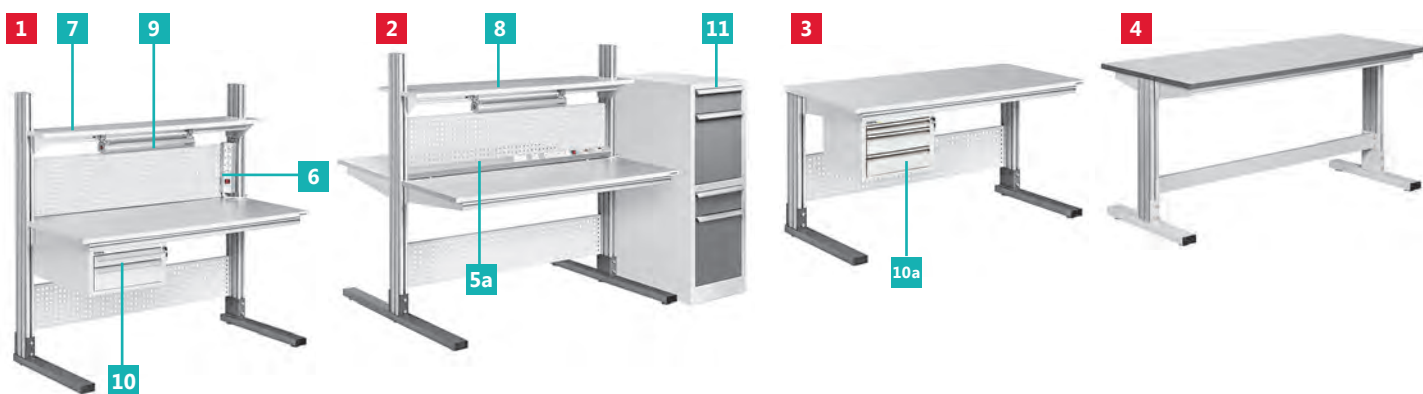
ALPHA SERIES WORKBENCHES

ALPHA series workbenches with lateral aluminum frames are stylish and ergonomic workbenches that can perfectly equip unspecified technical premises and educational facilities. Alpha series workbenches are distinguished by practical modular construction and compact size; they allow effective use of hall space. We offer four models of ALPHA series workbenches: single workbench, double workbench, simplified universal workbench, T-shape simplified workbench.

All ALPHA series workbenches are bicolored by default. When ordering, please mention whether ESD or technical version required.

For this catalog legend, please see p. 71

1 2

- 1200/1500/1800 mm
- **7 8** 1200/1500/1800 mm
- 325 mm
- 250 mm
- 1500 mm

1

- **7** 300 mm
- 700 mm

2

- **8** 300 mm
- 300 mm
- 700 mm
- 700 mm

3

- 1200/1500/1800 mm
- **10 10a** 233/354 mm
- **10 10a** 490 mm

3

- 700 mm
- 800 mm
- **10a** 490 mm
- **10** 605 mm

4

- 800 mm
- 750 mm

1. 1 ALF Single workbench

Single workbench with lateral aluminum frames is supplied in a set with two perforated panels.

600-1100 mm

200 kg   300 °C

2. ALF-O Double workbench

Double-sided workbench with lateral aluminum frames is supplied in a set with two double perforated panels and two tabletops.

600-1100 mm   per tabletop 200 kg

300 °C

3. ALF-U Alpha universal workbench

Simplified Alpha series workbench without upper modules.

See more on p. 32.

4. ALF-T ALPHA T-shaped workbench

Simplified Alpha series T-shaped workbench without the possibility of additional extensions.

200 kg   300 °C

5. ALF-EPA Power panel /

5a ALF-O-EPA Double power panel

An aluminum case/ two cases with four sockets, protective contact, switch and 3 m cable. Can be equipped with additional sockets, fuses, phone jacks and earth leakage circuit breakers.

– Nominal load capacity: 10 A

6. ALF-EPA/B Side power panel

Four sockets with protective contact and 3 m cable in a small aluminum case. Side power panel can be mounted on any part of lateral aluminum frame. No extension is possible.

7. ALF-PO Main shelf

Main shelf for Alpha series single workbenches.

1200-1500 mm

50 kg

8. ALF-O-PO Double main shelf

Main shelf for Alpha series double workbenches.

1200-1500 mm

each side 50 kg

9. DL/N Under-shelf local LED lighting

Additional lighting can be mounted under the main shelf or attached to perforated panel. Suitable for any workbench equipped with upper modules. Angle adjustment 80°.

– 2 versions: 60 cm length and 90 cm length
– Luminous flux: 3150/4725 Lm
– Color temperature 4700–5300 K

Provides at least 1000-lux illuminance at 1000 mm distance from the light source.

10. Optional drawer units/

10a Optional drawer units with reduced depth

Storage solution for tools and components, no place on floor required. Those with reduced to 490 mm depth allow installing various additional equipment under a tabletop.

11. ALF-TMB-02 cabinet

Spacious metal cabinet for documents, folders and personal belongings; can be attached to a workbench by bolts.

Cabinet is equipped with two standard drawers and two sliding shelves with perforated sidewall, which can be placed on right or left side depending on further usage

of a cabinet 445×1285×700 mm

of a drawer 350×130×520 mm

of a sliding shelf 350×355×610 mm

30 kg

Available only in technical version.

Additional equipment for ALF-TMB-02 cabinet

D-7/ALF-02 Horizontal dividers

Seven horizontal 335 mm length dividers help to organize cells for different small items.

D-4/ALF-02 Vertical dividers

Four vertical 240×290 mm dividers help to organize slots for folders and documents.

See more on p. 44.

ALLIANCE SERIES WORKBENCHES

ALLIANCE workbenches are distinguished by elegant design, advanced ergonomics and convenient system of height adjustment.

We also offer motorized worktop adjustment embodied in Alliance Automatic series workbenches AL-A. See more on p. 15.

Several Alliance workbenches can be placed in an inseparable line where two tabletops are held by side lateral frames and share those in the middle. Mirror-like double Alliance workbenches can also be put same way and build up total working area.

Standard Alliance workbenches are powder-coated in dark grey color (RAL 7012) for lower steel modules and light grey color (RAL 7035) for tabletops and shelves. Possible tabletop height adjustment: 600–1300 mm. Possible lighting height adjustment: 1200–2000 mm.

All **ALLIANCE** series workbenches are bicolored by default. When ordering, please mention whether ESD or technical version required.

For this catalog legend, please see p. 71

1 | **2** | **3** | **4** | **5**
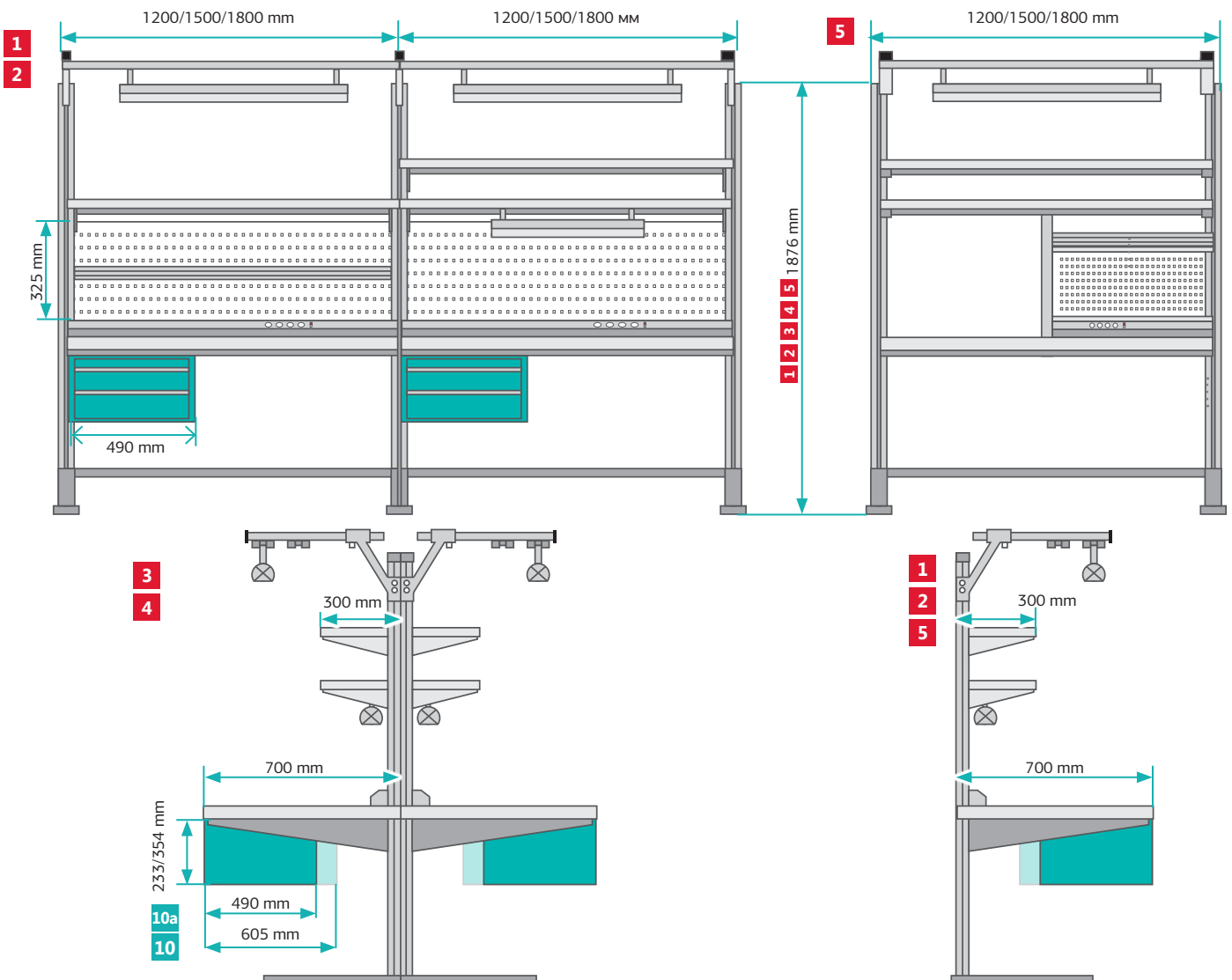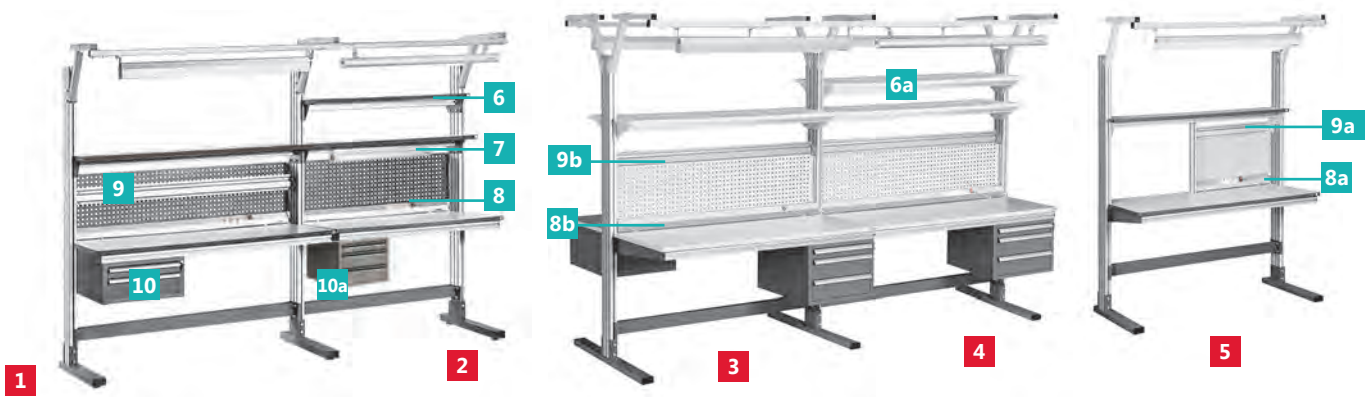
No	Description	Specs
1	**AL Alliance set/AL-S Alliance set with LED lamp**	

Single workbench with two lateral aluminum frames. The workbench is supplied in a set with lower cleat, perforated panel, main shelf and lighting. AL-S Alliance sets are supplied with upper LED lighting.

200 kg

2 **AL/D Alliance additional set / AL/D-S Alliance additional set with LED lamp**

Additional set with one lateral aluminum frame is meant to be attached to main Alliance workbench from either side, which provides inseparable working surface line. The set includes: workbench with one lateral frame, lower cleat, perforated panel, main shelf and lighting. AL/D-S Alliance additional sets are supplied with upper LED lighting.

200 kg

3 **AL-O Alliance double set / AL-O-S Alliance double set with LED lamp**

Double side workbench with two lateral aluminum frames. The workbench is supplied in a set with double lower cleat, double-sided perforated panel, double main shelf and two lighting units. AL-O-S Alliance double sets are supplied with two upper LED lighting units.
 each tabletop

200 kg

4 **AL-O/D Alliance additional double set / AL-O/D-S Alliance additional double set with LED lamp**

Double side workbench with one lateral aluminum frame to be attached to main Alliance double workbench. The workbench is supplied in a set with double lower cleat, double-sided perforated panel, double main shelf and two lighting units. AL-O-S Alliance additional double sets are supplied with two upper LED lighting units.

each tabletop 200 kg

5 **AL-SRST Alliance set/ AL-SRST-S Alliance set with LED lamp**

Single workbench with two lateral aluminum frames. The workbench is supplied in a set with middle upright, half-size perforated panel, lower cleat, main shelf and lighting. AL-SRST-S Alliance sets are supplied with upper LED lighting.

each tabletop 200 kg

6 **AL-PO/1 Additional shelf /**

6a **AL-O-PO/1 Additional double shelf**

1000-1850 mm   100 kg

7 **DL/N Under-shelf local LED lighting**

Additional lighting can be mounted under the main shelf or attached to perforated panel. Suitable for any workbench equipped with upper modules. Angle adjustment 80°
- 2 versions: 60 cm length and 90 cm length.
- Luminous flux: 3150/4725 Lm
- Color temperature 4700–5300 K
Provides at least 1000-lux illuminance at 1000 mm distance from the light source.

8 **AL-EP Power panel**

8a **½ AL-EP Power panel**

8b **AL-O-EP Double power panel**

An aluminum case/ two cases with four sockets, protective contact, switch and 3 m cable. Can be equipped with additional sockets, fuses, phone jacks and earth leakage circuit breakers.
- Nominal load capacity: 10 A

9 **AL-RK Bin rail**

9a **½ AL-RK Bin rail**

9b **AL-O-RK Double bin rail**

Aluminum rail for bin storage placed along workbench length.

AL-RK   1200/1500/1800×95 mm   10 kg

½ AL-RK   560/710/860×95 mm

AL-O-RK   2*(1200/1500/1800)×95 mm

10 **Optional drawer units/**

10 **Optional drawer units with reduced depth**

Storage solution for tools and components, no place on floor required. Those with reduced to 490 mm depth allows installing various additional equipment under a tabletop.
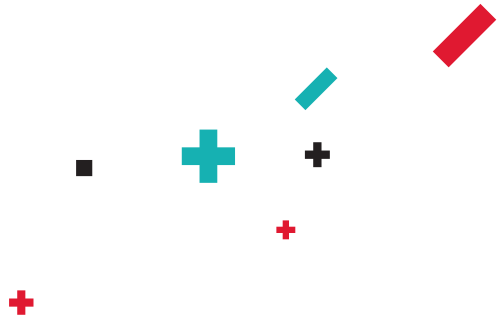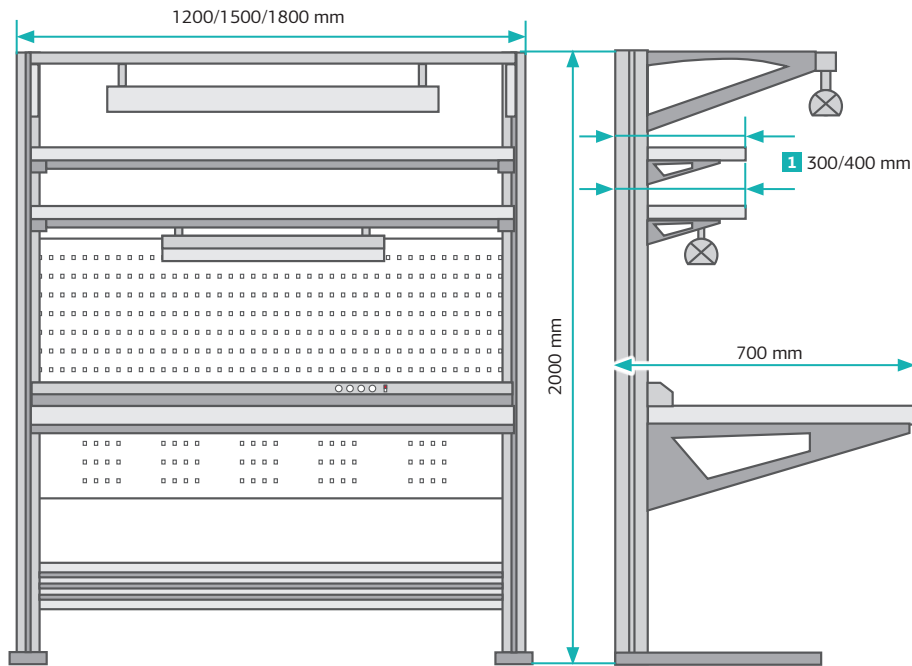
11 **AL-IP Cantilever**

It was designed for easy-to-reach attaching of drawings, lighting and instruments. IP Cantilever can be additionally equipped by retracing KL-1200 mechanism.

ALLIANCE AUTOMATIC WORKBENCHES

1200/1500/1800 mm

2000 mm

1 300/400 mm

700 mm

Alliance automatic workbenches AL/A are distinguished by elegant design, advanced ergonomics and motorized worktop adjustment system, performed by electric drive and simple control unit. ALLIANCE Automatic allows setting tabletop height easily and quickly by simply pressing a button, which is indispensable in certain working processes.

Alliance automatic workbenches are supplied in a set with adjustment mechanism, lower slat, perforated panel, main shelf, LED lighting and power panel.

700-950 mm

200 kg

Alliance automatic workbenches allow further extensions:

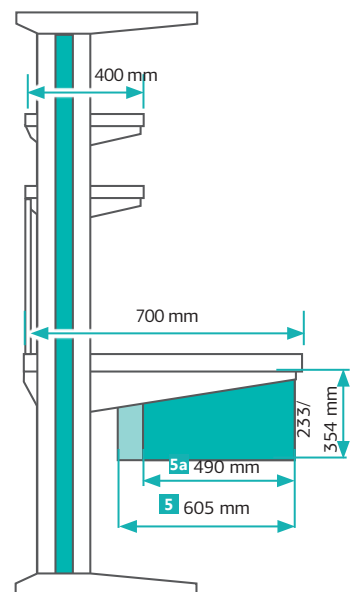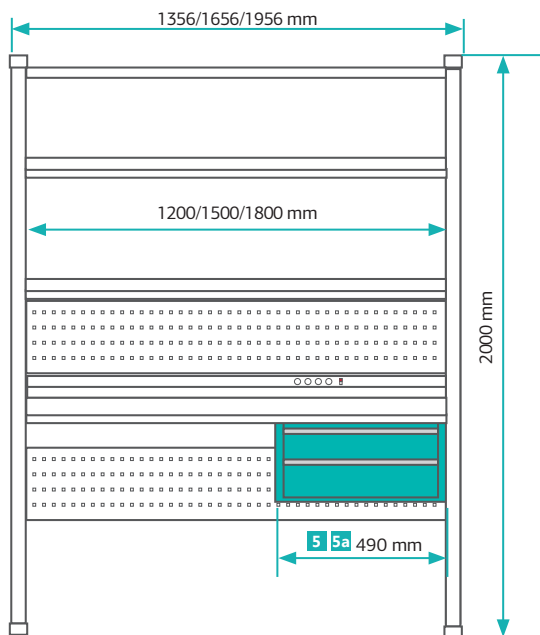| 1 | AL-A-PO/1 Additional shelf |

1050-1820 mm   100 kg

| 2 | DL/N Under-shelf local lighting |

Additional lighting can be mounted under the main shelf or attached to perforated panel. Suitable for any workbench equipped with upper modules. Angle adjustment 80°
- 2 versions: 60 cm length and 90 cm length
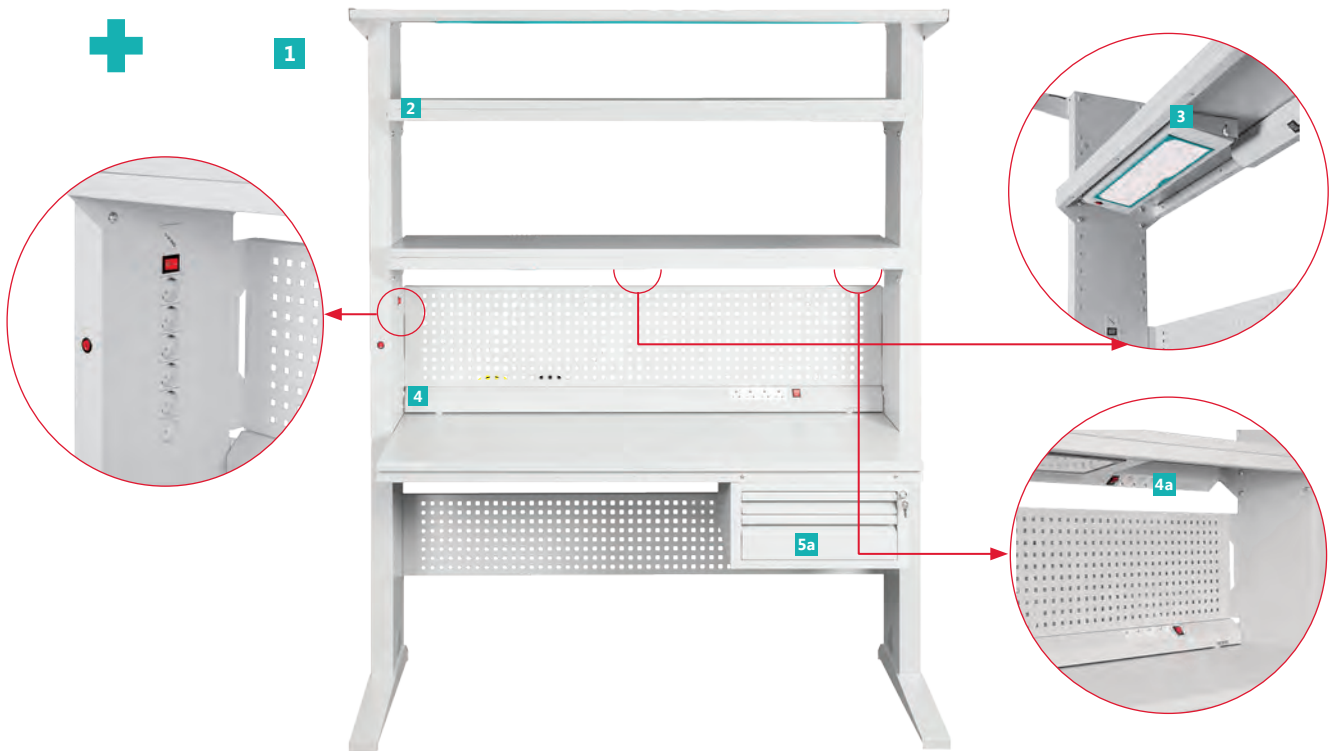- Luminous flux: 3150/4725 Lm
- Color temperature 4700–5300 K

Provides at least 1000-lux illuminance at 1000 mm distance from the light source.

All ALLIANCE AUTOMATIC series workbenches and shelves are bicolored by default.When ordering, please mention whether ESD or technical version required

GAMMA SERIES WORKBENCHES

1356/1656/1956 mm

1200/1500/1800 mm

2000 mm

490 mm

5 5a 490 mm

400 mm

700 mm

233/354 mm

5a 490 mm

5 605 mm

For this catalog legend,
please see p. 71

GAMMA SERIES workbenches are based on the concept of clear surfaces, where all technical communications are hidden and the fasteners are organically fit the design.

All horizontal surfaces of the workbench are mounted to inverted-L shape supports, which mask built-in technical communications, electrical and lighting connections and all necessary fixture, keeping the workspace clear.

1 GM GAMMA Workbench

The workbench is upplied in a set: workbench with inverted-L shape side supports, main shelf, upper LED lighting, upper and lower perforated panels and side built-in power panel.

Available in two versions, depending on the location of built-in power panel: with the right (PR in coding, for example GM-18/PR) or the left (L in coding, for example GM-12/L) power unit in the side panel. The built-in power panel is equipped with 6 sockets (5 with grounding and one without grounding) and a switch button.

Upper LED lighting is built into the top horizontal hanger above the tabletop.
- Color temperature 3950-4000 K
- Luminous flux: 4490 Lm
- Power consumption: 38 W

Provides at least 1260-lux illuminance at 1000 mm distance from the light source.

All technical communications are easily accessible by opening the board in side supports.

| for tabletop up to 200 kg | for shelf up to 200 kg |

2 GM-PO/1 Additional shelf

1330-1870 mm with a 60 mm pitch

400 mm

3 GM-DL-6 GAMMA Under-shelf LED Lighting

Angle adjustment - 10 °.

748×50×177 mm

4 GM-EPA Power panel
4a GM-EPA Half-size Power panel

Half-size Power panel can be mounted below the main shelf or under the tabletop,

GM-EPA Power panel main panel can be mounted on the tabletop with the front side to and fro.

An aluminum case/ two cases with four sockets, protective contact, switch and 3 m cable. Can be equipped with additional sockets, fuses, phone jacks and earth leakage circuit breakers.
- Nominal load capacity: 10 A.

5 Optional drawer units/
5a Optional drawer units with reduced depth

Storage solution for tools and components, no place on floor required. Those with reduced to 490 mm depth allow installing various additional equipment under a tabletop.

GAMMA workbenches are bicolored by default; the main color is light gray RAL 7035, additional – turquoise RAL 5021.
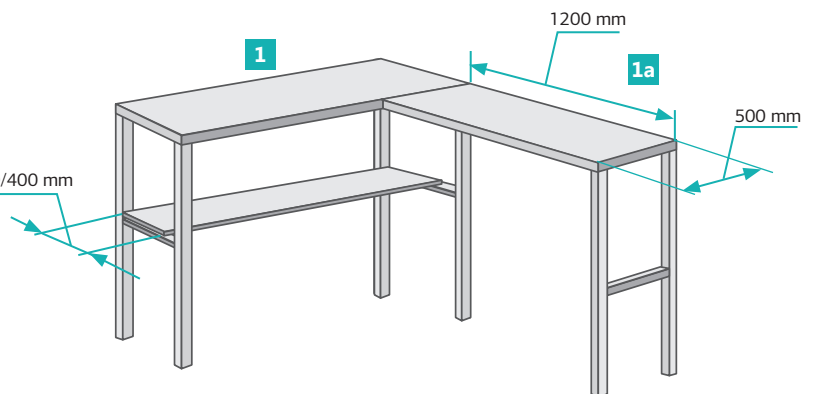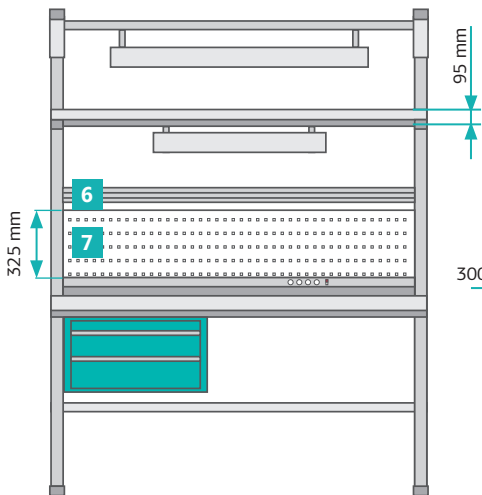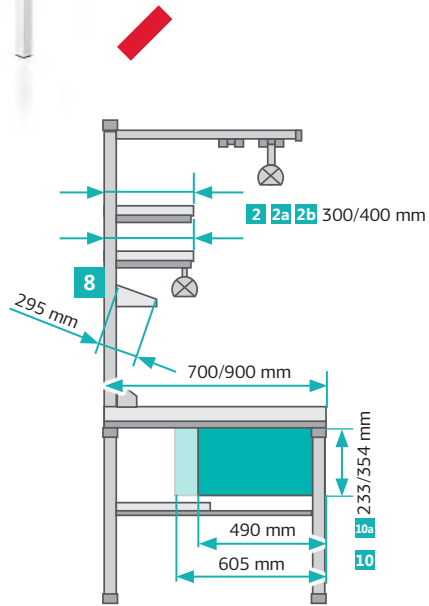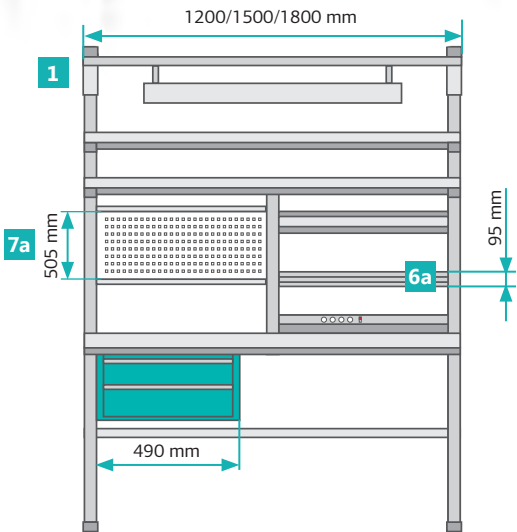
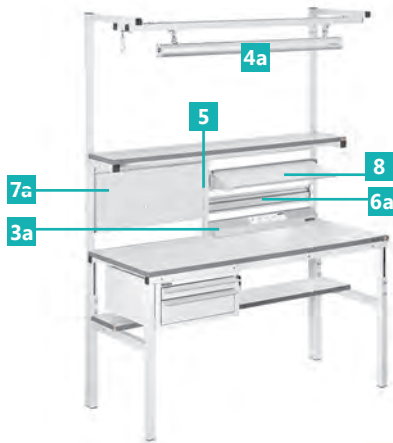Technical version workbenches are supplied with gray (RAL 7035) edges, in antistatic version - with turquoise (RAL 5021) edges.

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CLASSIC series workbenches

When ordering, please mention whether ESD or technical version, and whether dark grey RAL 7012 or light grey RAL 7035 color required.

For this catalog legend, please see p. 71

1 1200/1500/1800 mm

7a 505 mm

95 mm

6a

490 mm

2 **2a** **2b** 300/400 mm

8

295 mm

700/900 mm

233/354 mm

490 mm

10a

605 mm

10

95 mm

6

7

325 mm

300/400 mm

1

1200 mm

1a

500 mm

1 SR Classic Workbench

These workbenches can be placed in a line to make a common working area with no gaps. Universal design allows fitting out the workplace with additional equipment and drawer units.

650–950 mm   300 kg

300°C

1a US-1 Corner workbench

Additional side outlier for Classic workbenches.

2 PO Main shelf

Rear racks included.

1000–1800 mm   50 kg

300/400 mm

2a PO/1 Additional shelf

Requires PO Main shelf to be installed. Rear racks excluded.

1000–1800 mm   50 kg

300/400 mm

2b PO/2 Underneath shelf

Not compatible with TP-01/P and TP-10/P Optional drawer units.

50 kg   300/400 mm

3 EP Power panel

3a ½ EP Power panel

An aluminum case/ half-size case with four sockets, protective contact, switch and 3 m cable. Can be equipped with additional sockets, fuses, phone jacks and earth leakage circuit breakers.
- Nominal load capacity: 10 A

4 DL/A Workbench lighting

An aluminum case with two energy-efficient luminescent 54 W lamps, light direction regulation and shadowless reflector provided. Quick switching on without shimmering, no strobing freeze.
Provides at least 1200-lux illuminance at 1000 mm distance from the light source.

from tabletop level 500–1350 mm

4a DL/S Workbench LED lighting

An aluminum case with LED lamp and light direction regulation.
Color temperature 4700-5300 K
Luminous flux: 5985 Lm
Power consumption: 43 W
Provides at least 1200-lux illuminance at 1000 mm distance

from the light source.

from tabletop level 500–1350 mm

4b DL/N Under-shelf local lighting

Additional lighting can be mounted under the main shelf or attached to perforated panel. Suitable for any workbench equipped with upper modules. Angle adjustment ±60°
- 2 versions: 60 cm length and 90 cm length
- Luminous flux: 3150/4725 Lm
- Color temperature 4700–5300 K
Provides at least 1000-lux illuminance at 1000 mm distance from the light source.

5 Middle upright for all items

Required to hold any ½ item. Three sizes to match standard workbench width.

6 RK Bin rail

6a ½ RK Bin rail

Aluminum rail for bin storage placed along workbench length.

RK — 1200/1500/1800×95 mm   10 kg

½RK — 560/710/860×95 mm

7 PFP Perforated panel

7a ½ PFP Perforated panel

Panel can be equipped with different holders for additional equipment and tools storage — See more on p.41

PFP- 1190/1490/1790×325 mm   10 kg

½PFP - 610/760/910×505 mm

8 8 PN Sloped shelf

Half-sized shelf. 10-55° angle adjustment provides comfort monitoring of working equipment.

534/684/834×295 mm   50 kg

9 IP Cantilever

Upper slat for fastening drawings, additional lighting and instruments. IP Cantilever can be additionally equipped by retracing KL-1200 mechanism — See more on p.38

10 Optional drawer units/

10a Optional drawer units with reduced depth

Storage solution for tools and components, no place on floor required. Those with reduced to 490 mm depth allow installing various additional equipment under a tabletop.

COMFORT SERIES WORKBENCHES

When ordering, please mention whether ESD or technical version, and whether dark grey RAL 7012 or light grey RAL 7035 color required.

For this catalog legend, please see p. 71

1200/1500/1800 mm

1

7a 505 mm

6a

95 mm

490 mm

2 **2a** 300/400 mm

295 mm

8

700 mm

233/354 mm

490 mm

605 mm

10a

10

6

7

325 mm

95 mm

1

1200 mm

1a

1a

500 mm
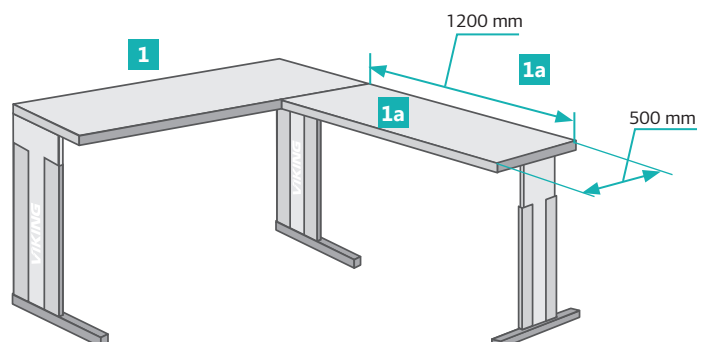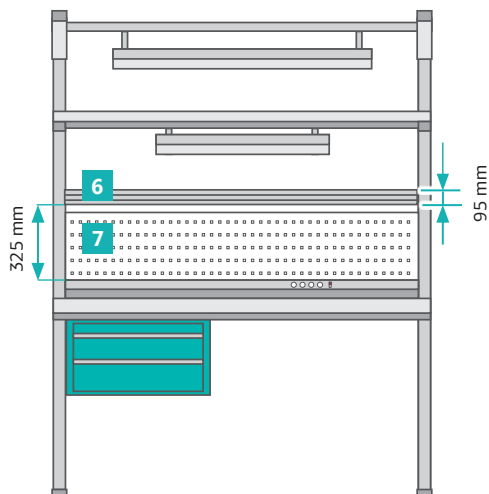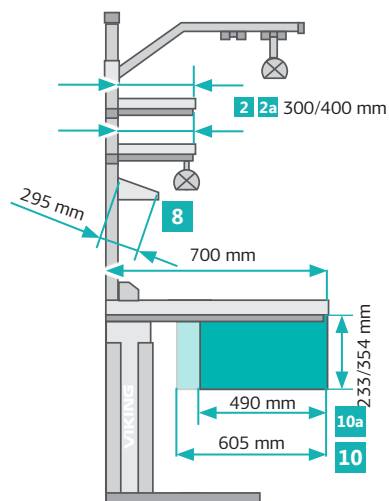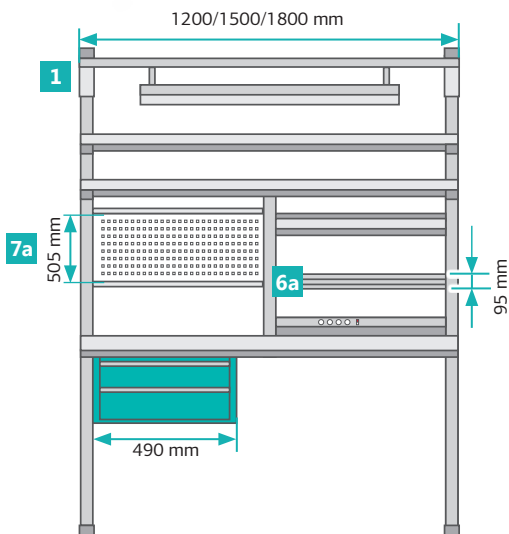
1 SR COMFORT Workbench

Workbenches are settled on L-shape side supports and can be additionally equipped with a number of applicative modules.

- 800–950 mm
- 200 kg
- 300°C

1a US-1 Comfort Corner workbench

Additional side outlier for Comfort workbenches.

2 PO Main shelf

Rear racks included.

- 1000–1800 mm
- 50 kg
- 300/400 mm

2a PO/1 Additional shelf

Requires PO Main shelf to be installed. Rear racks excluded.

- 1000–1800 mm
- 50 kg
- 300/400 mm

3 EP Power panel
3a ½ EP Power panel

An aluminum case/ half-size case with four sockets, protective contact, switch and 3 m cable. Can be equipped with additional sockets, fuses, phone jacks and earth leakage circuit breakers.
- Nominal load capacity: 10 A

4 DL/A Comfort Workbench lighting

An aluminum case with two energy-efficient luminescent 54 W lamps, light direction regulation and shadowless reflector provided. Quick switching on without shimmering, no strobing freeze.
Provides at least 1200-lux illuminance at 1000 mm distance from the light source.

- from tabletop level 500–1350 mm

4a DL/S Workbench LED lighting

An aluminum case with LED lamp and light direction regulation.
Color temperature 4700-5300 K
Luminous flux: 5985 Lm
Power consumption: 43 W
Provides at least 1200-lux illuminance at 1000 mm distance from the light source.

- from tabletop level 500–1350 mm

4b DL/N Under-shelf local lighting

Additional lighting can be mounted under the main shelf or attached to perforated panel. Suitable for any workbench equipped with upper modules. Angle adjustment ±60°

- 2 versions: 60 cm length and 90 cm length
- Luminous flux: 3150/4725 Lm
- Color temperature 4700–5300 K
Provides at least 1000-lux illuminance at 1000 mm distance from the light source.

5 Middle upright for all items

Required to hold any ½ item. Three sizes to match standard workbench width.

6 RK Bin rail
6a ½ RK Bin rail

Aluminum rail for bin storage placed along workbench length.

- RK — 1200/1500/1800×95 mm
- 10 kg
- ½ RK — 560/710/860×95 mm

7 PFP Perforated panel
7a ½ PFP Perforated panel

Panel can be equipped with different holders for additional equipment and tools storage.

- See more on p.41
- 10 kg
- PFP — 1190/1490/1790×325 mm
- ½ PFP — 610/760/910×505 mm

8 PN Sloped shelf

Half-sized shelf. 10-55° angle adjustment provides comfort monitoring of working equipment.

- 534/684/834×295 mm
- 50 kg

9 IP Cantilever

Upper slat for fastening drawings, additional lighting and instruments. IP Cantilever can be additionally equipped by retracing KL-1200 mechanism.

See more on p.38

10 Optional drawer units/
10a Optional drawer units with reduced depth

Storage solution for tools and components, no place on floor required. Those with reduced to 490 mm depth allow installing various additional equipment under a tabletop.

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CONSTANT SERIES WORKBENCHES

When ordering, please mention whether ESD or technical version required.

For this catalog legend, please see p. 71

1 1200/1500/1800 mm

2

3

7 325 mm

95 mm

505 mm

825 mm

7a

3a

95 mm

2a 300/400 mm

9

2 300/400 mm

8

700 mm

1a

1 SR CONSTANT workbenches

These workbenches cannot be height-adjusted.

300 kg   300°C

As a support, CONSTANT workbenches can have:

1a Cabinet unit with five drawers on telescopic runners and a lock (+DR-05 in code);

1b Cabinet unit with three bigger drawers on telescopic runners and a lock (+DR-03 in code);

1c Cabinet with two shelves and a lock (+ TMB-01 in code);

1d Cabinet with one drawer and two shelves in a locked section (+ TMB-02 in code);

1e Legs.

CONSTANT worktop supports can be used in any combination for 1500 mm and 1800 mm width workbenches. 1200 mm width workbenches should have legs as one support.

Workbench with legs and 5-drawers cabinet as supports has +DR-05 in code, for example 1200 mm width workbench ordering code is SR-12-7+DR-05. Workbench with 3-drawer cabinets and 2-shelves cabinet has +DR-03+TMB-01 in code, for example 1500 mm width workbench ordering code SR-15-7+DR-03+TMB-01.

Cabinets and drawer units used as worktop supports are bicolored by default.

2 PO Main shelf

Rear racks included.

1000–1800 mm   50 kg   300/400 mm

2a PO/1 Additional shelf

Requires PO Main shelf to be installed. Rear racks excluded.

1100–1800 mm   50 kg   300/400 mm

3 RK Bin rail

3a ½ RK Bin rail

Aluminum rail for bin storage placed along workbench length.

RK — 1200/1500/1800×95 mm   10 kg

½ RK — 560/710/860×95 mm

4 DL/A Workbench lighting

An aluminum case with two energy-efficient luminescent 54 W lamps, light direction regulation and shadowless reflector provided. Quick switching on without shimmering, no strobing freeze.
Provides at least 1200-lux illuminance at 1000 mm distance from the light source.

from tabletop level 500–1350 mm

4a DL/S Workbench LED lighting

An aluminum case with LED lamp and light direction regulation.
Color temperature 4700-5300 K
Luminous flux: 5985 Lm
Power consumption: 43 W
Provides at least 1200-lux illuminance at 1000 mm distance from the light source.

from tabletop level 500–1000 mm

4b DL/N Under-shelf local lighting

Additional lighting can be mounted under the main shelf or attached to perforated panel. Suitable for any workbench equipped with upper modules. Angle adjustment ±60°

- 2 versions: 60 cm length and 90 cm length
- Luminous flux: 3150/4725 Lm
- Color temperature 4700–5300 K
Provides at least 1000-lux illuminance at 1000 mm distance from the light source.

5 Middle upright for all items

Required to hold any ½ item. Three sizes to match standard workbench width.

6 EP Power panel

6a ½ EP Power panel

An aluminum case/ half-size case with four sockets, protective contact, switch and 3 m cable. Can be equipped with additional sockets, fuses, phone jacks and earth leakage circuit breakers.

- Nominal load capacity: 10 A

7 PFP Perforated panel

7a ½ PFP Perforated panel

Panel can be equipped with different holders for additional equipment and tools storage.

PFP — 1190/1490/1790×325 mm

½ PFP — 610/760/910×505 mm

10 kg

8 PN Sloped shelf

Half-sized shelf. 10-55° angle adjustment provides comfort monitoring of working equipment.

50 kg   534/684/834×295 mm

9 IP Cantilever

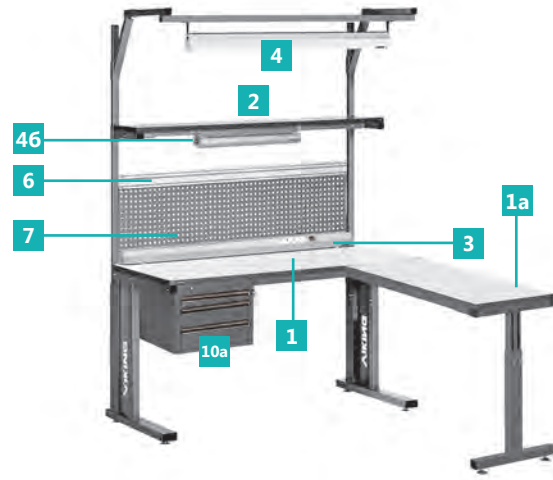Upper slat for fastening drawings, additional lighting and instruments. IP Cantilever can be additionally equipped by retracing KL-1200 mechanism
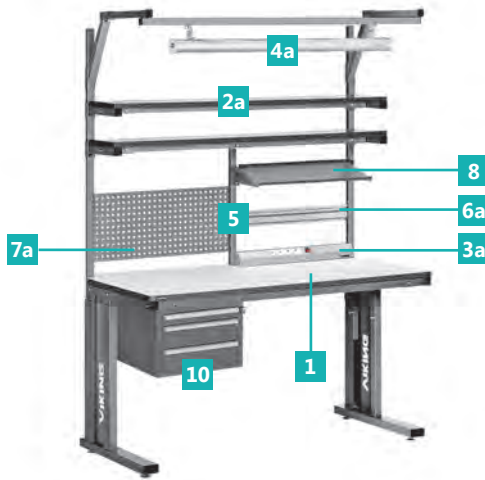
OSTROV SERIES WORKBENCHES

When ordering, please mention whether ESD or technical version, and whether dark grey RAL 7012 or light grey RAL 7035 color required.

For this catalog legend, please see p. 71

1 1200/1500/1800 mm

2a

95 mm

5

6 325 mm

8
2b **8a**

490 mm

233/354 mm

7

2a 300/400 mm

300/400 mm

700 mm

2b 300/400 mm

8a 490 mm

8 605 mm
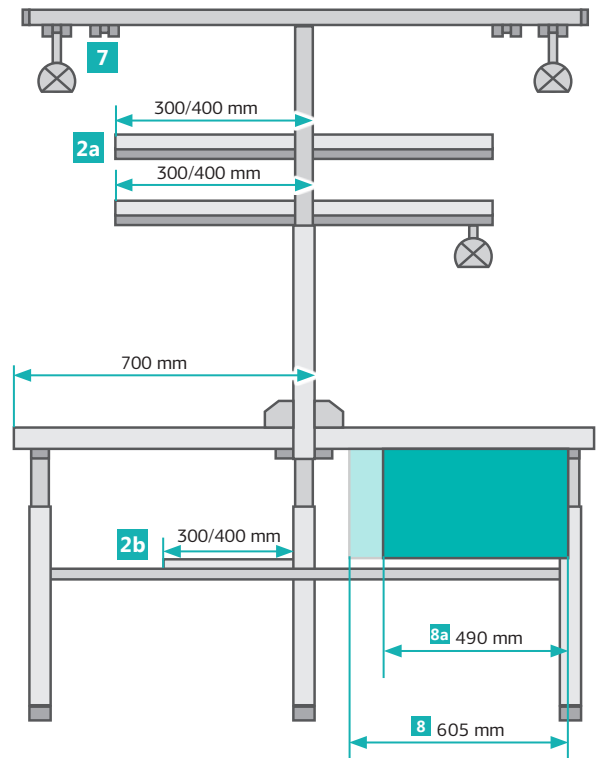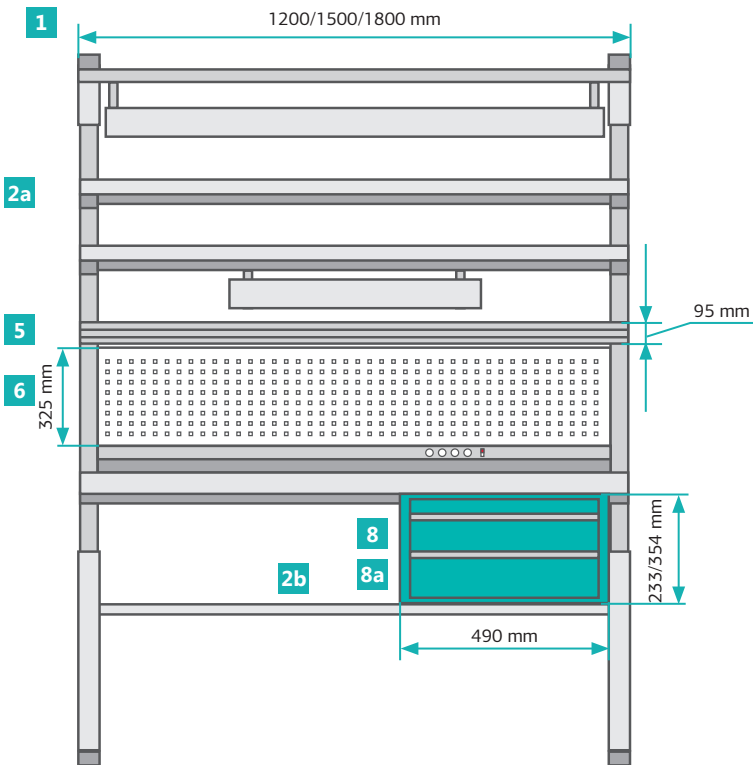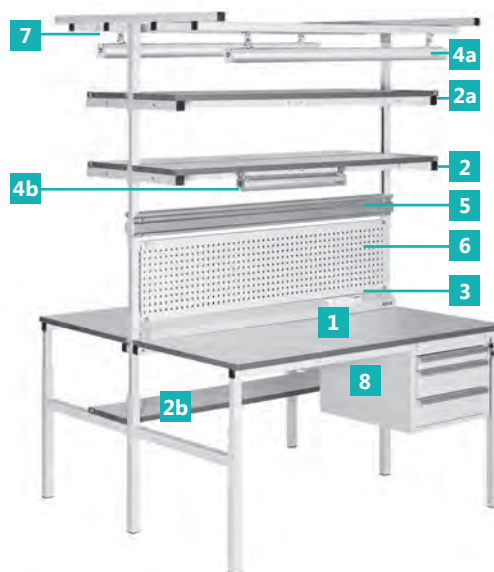
1 SO OSTROV Workbench

Double-sided workbench allows effective use of space. Basic configuration includes Rear racks and 300 mm shelves for each side of the workstation.

720–930 mm

300°C   each side 300 kg

2a PO-O Additional shelf

Should be mounted to Rear racks of the workbench

1100–1800 mm

300/400 mm   50 kg

2b PO/2 Underneath shelf

Not compatible with TP-01/P and TP-10/P Optional drawer units.

300/400 mm   50 kg

3 EP-O Double Power panel

Two aluminum cases each with four sockets, protective contact, switch and 3 m cable. Can be equipped with additional sockets, fuses, phone jacks and earth leakage circuit breakers.

- Nominal load capacity: 10 A

4 DL-O/S Double Workbench LED lighting

T-shape rack with two aluminum cases each with two energy-efficient luminescent 54 W lamps, light direction regulation and shadowless reflector provided. Quick switching on without shimmering, no strobing freeze.
Provides at least 1200-lux illuminance at 1000 mm distance from the light source.

from tabletop level 500–1350 mm

4a DL-O/S Double Workbench LED lighting

T-shape rack with two aluminum cases each with LED lamp and light direction regulation.
Color temperature 4700-5300 K
Luminous flux: 5985 Lm
Power consumption: 43 W
Provides at least 1200-lux illuminance at 1000 mm distance from the light source.

from tabletop level 500–1350 mm

4b DL/N Under-shelf local lighting

Additional lighting can be mounted under the main shelf or attached to perforated panel. Suitable for any workbench equipped with upper modules. Angle adjustment 80°

- 2 versions: 60 cm length and 90 cm length
- Luminous flux: 3150/4725 Lm
- Color temperature 4700–5300 K

Provides at least 1000-lux illuminance at 1000 mm distance from the light source.

5 RK-O Double bin rail

Double aluminum rail for storage bins is placed along workbench length.

10 kg

2*(1200/1500/1800)×95 mm   See more on p.41.

6 PFP-O Double perforated panel

The panel can be equipped by different holders for additional equipment and tools storage.

See more on p.38.

2*(1190/1490/1790)×325 mm

7 IP Cantilever

Upper slat for fastening drawings, additional lighting and instruments. IP Cantilever can be additionally equipped by retracing KL-1200 mechanism.

8 Optional drawer units/

8a Optional drawer units with reduced depth

Storage solution for tools and components, no place on floor required. Those with reduced to 490 mm depth allow installing various additional equipment under a tabletop.

VERSTAK SERIES TECHNICAL WORKBENCHES

Workbench Lighting DLV

VERSTAK Additional Shelf VR-PO/1

VERSTAK Main Shelf VR-PO

Perforated Panel PRV

Holders

Power Panel VR-EP

Tabletop

Drawer Unit

Underneath Shelf
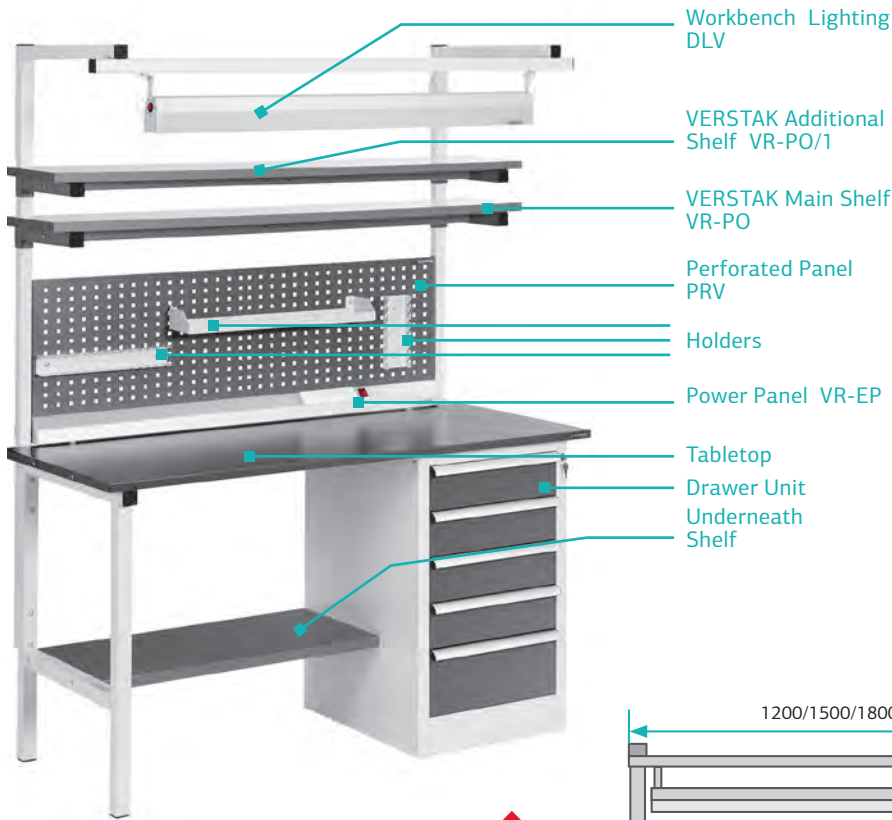
VERSTAK series offer module workbenches of heightened rigidity and durability with distributed load capacity of over 500 kg. These workbenches are only available in technical /non-antistatic version.

NB! VERSTAK series basic construction has been changed. Since now Perforated panel PRV, Power panel VR-EPA and Workbench lighting DLV are mounted to Rear Racks that are supplied in a set with Main shelf or should be ordered separately if Main Shelf is not required. Perforated panel is supplied in a set with Small Rear Racks thus can be ordered separately from other upper modules..
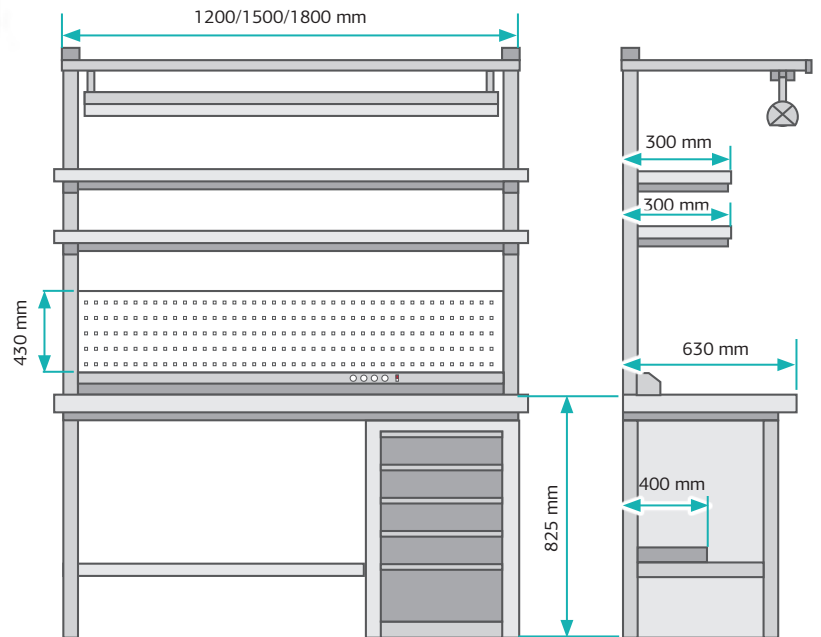
Maximum functionality is achieved by possibility of using a range of tabletops, supports and additional equipment. Standard width is 630 mm and height — 800 mm plus tabletop's thickness.

1200/1500/1800 mm

300 mm

300 mm

630 mm

430 mm

825 mm

400 mm

There are 5 types of tabletops

1	21 mm thick plywood with light grey plastic edges.
2	21 mm thick plywood covered by 2 mm dark grey metal sheet, the latter is bent over edges.
3	21 mm thick plywood with light grey plastic edges covered by 6 mm dark grey metal sheet.
4	6 mm thick dark grey metal sheet.
5	Combined tabletop made of 21 mm thick plywood covered by 6 mm shockproof, resistant to abrasion and mechanical influences grey plastic with plastic edges on four sides.

Type 1

Type 2

Type 3

Type 4

Type 5
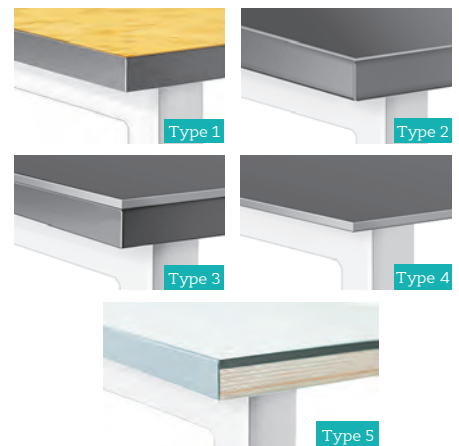
There are five standard types of worktop supports:

1a Cabinet unit with five drawers on telescopic runners and a lock (+DR-05);
1b Cabinet unit with three bigger drawers on telescopic runners and a lock (+DR-03);
1c Cabinet with two shelves and a lock (+TMB-01);
1d Cabinet with one drawer and two shelves in a locked section (+TMB-02);
1e Legs.

These supports can be used in any combination, except for 1200 mm width VERSTAK workbenches that should have legs as one of the tabletop supports.
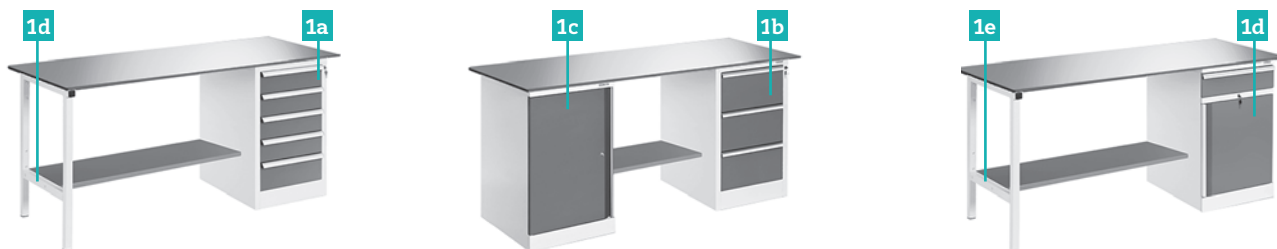
	VR: VERSTAK with a drawer unit (DR-03 or DR-05)	VR-12+DR-03/No.	VR-12+DR-05/No.	1200×630 mm
		VR-15+DR-03/No.	VR-15+DR-05/No.	1500×630 mm
		VR-18+DR-03/No.	VR-18+DR-05/No.	1800×630 mm
	VR: VERSTAK with a cabinet (TMB-01 or TMB-02)	VR-12+TMB-01/No.	VR-12+TMB-02/No.	1200×630 mm
		VR-15+TMB-01/No.	VR-15+TMB-02/No.	1500×630 mm
		VR-18+TMB-01/No.	VR-18+TMB-02/No.	1800×630 mm
	VR: VERSTAK with different combinations of cabinets (TMB-01, TMB-02) and drawer units (DR-03, DR-05)	VR-15+DR-05+DR-05/No. VR-15+DR-03+DR-05/No. VR-15+TMB-01+TMB-02/No. VR-15+DR-05+TMB-01/No. VR-15+DR-03+TMB-02/No.	VR-15+DR-03+DR-03/No. VR-15+TMB-01+TMB-01/No. VR-15+TMB-02+TMB-02/No. VR-15+DR-05+TMB-02/No. VR-15+DR-03+TMB-01/No.	1500×630 mm
		VR-18+DR-05+DR-05/No. VR-18+DR-03+DR-05/No. VR-18+TMB-01+TMB-02/No. VR-18+DR-05+TMB-01/No. VR-18+DR-03+TMB-02/No.	VR-18+DR-03+DR-03/No. VR-18+TMB-01+TMB-01/No. VR-18+TMB-02+TMB-02/No. VR-18+DR-05+TMB-02/No. VR-18+DR-03+TMB-01/No.	1800×630 mm

Note: No. in the workbench code corresponds to tabletop type (1, 2, 3, 4 or 5). For example, VR-12+TMB-01/3.

PRV: Perforated Panel for VERSTAK workbench (small shelf and 2 holders included).	PRV-12	for 1200 mm width workbenches
	PRV-15	for 1500 mm width workbenches
	PRV-18	for 1800 mm width workbenches
DLV: Workbench Lighting. Requires Main shelf or Rear Racks to be installed.	DLV-12	for 1200 mm width workbenches
	DLV-15	for 1500 mm width workbenches
	DLV-18	for 1800 mm width workbenches
DLS VERSTAK LED Upper Workbench Lighting.	DLS-12	for 1200 mm width workbenches
	DLS-15	for 1500 mm width workbenches
	DLS-18	for 1800 mm width workbenches
VR-PO: VERSTAK Main Shelf.	VR-PO-12	1200×300 mm
	VR-PO-15	1500×300 mm
	VR-PO-18	1800×300 mm
VR-PO/1: VERSTAK Additional Shelf. Requires Main shelf.	VR-PO/1-12	1200×300 mm
	VR-PO/1-15	1500×300 mm
	VR-PO/1-18	1800×300 mm
VR-EP: VERSTAK Power Panel. Requires Main shelf or Rear Racks or PRV.	VR-EP-12	for 1200 mm width workbenches
	VR-EP-15	for 1500 mm width workbenches
	VR-EP-18	for 1800 mm width workbenches
DL/N: Under-shelf local lighting. Requires Main shelf or PRV	DL/N-6	600 mm
	DL/N-9	900 mm
Rear Racks	KZS	1500 mm
Small Rear Racks	UKZS	900 mm

TITAN SERIES HEAVY DUTY TECHNICAL WORKBENCHES

Titan series technical furniture is designed for mechanical works, which require reinforced load capacities, especially in machine-building and metalworking industries, in workshops and car services.

Main features of Titan series furniture:

- 2000 kg load capacity for workbenches, reinforced runners for drawers and durable wheels for movable workstations and trolleys allow working with heavier details and tools;
- Two types of shock resistant and high-abrasion tabletops; various sets of modules allow selecting an optimal variant;
- Specially designed structural iron profiles provide durability and reliability of construction;
- Automatic positioning of component parts provides precision and ease of assembly;
- Demountable construction, which consists of four parts, provides convenience of transportation.

Two types of tabletops available for the workbench:

Default colors combination is RAL 5021 (turquoise), RAL 9005 (black) and RAL 9010 (white). Matte paint texture
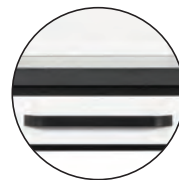
30 mm thick plywood coated with 10 mm shockproof plastic
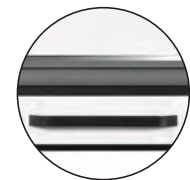
30 mm thick plywood coated with 6 mm sheet metal

1200/1500/1800 mm

500 mm

700 mm

800 mm

VT/B
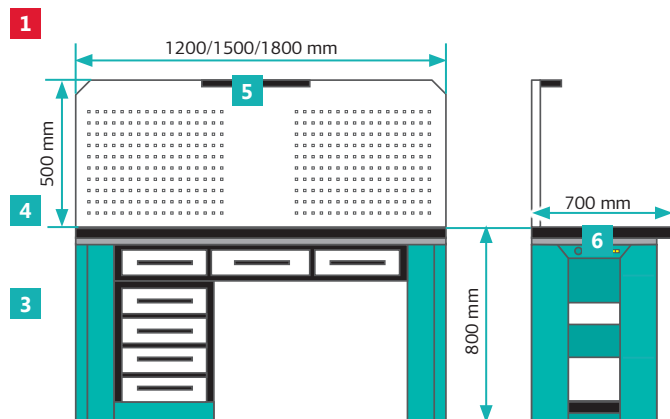
1 — 1 VT/R, VT/B TITAN Heavy-duty Workbench

TITAN heavy-duty workbench is a high tech construction without additional service supports under the tabletop, where all the stiffeners organically fit the design of the workbench. Load capacity and rigidity are achieved through optimally calculated 1,5 mm thick structural iron profiles, instead of the usage of several tools cabinets placed under the tabletop. TITAN heavy-duty workbenches in basic version (VT/B) are supplied with technological plugs in a frame under the tabletop, heavy duty workbenches in expanded version (VT/R) are supplied with reinforced telescopic drawers:

- 2 small drawers 300×80×450 mm for 1200 wide mm workbenches
- 3 small drawers 300×80×450 mm for 1500 wide mm workbenches
- 2 small drawers 300×80×450 mm and 1 big drawer 640×80×450 mm for 1800 wide mm workbenches
Heavy-duty workbenches' weight is 160/180/200 kg depending on its size.
All heavy-duty workbenches are equipped with small side shelves under the tabletop.

2000 kg distributed   300 kg dynamic

80 kg per drawer

1 VT/R

7

7c
7b
7a

7

860 mm
1300 mm
1200 mm
900 mm
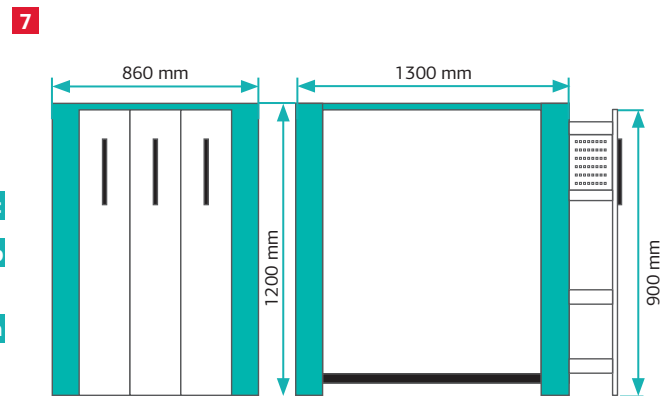
2 Attachable drawer unit with door TMB-01/VT

Drawer unit for tools and accessories storage is placed under the heavy duty workbench frame and is mounted by bolting if necessary. Drawer unit is equipped with a door and an inner shelf.

390×610×570 mm   20 kg   80 kg per shelf

3 Attachable drawer unit with drawers DR-04/VT

Attachment drawer unit for tools and accessories storage is placed under the heavy workbench and is mounted by bolting if necessary. It is equipped with 4 drawers 300*80*450 mm with reinforced load characteristics.

390×610×570 mm   30 kg

80 kg per drawer

4 Perforated panel PFP/VT

It is designed for fastening additional equipment and tools; it can be equipped with K/VT series tools holders.

30 kg

5 Hinged LED lamp DL/VT

Metal case with LED lamp is fastened in the central zone of the perforated panel.
- Illumination of the working surface at a distance of 1000 mm from the light source – at least 1000 lux for central zone.
- 10 ° angle adjustment provided.

745×255×50 mm

6 Power panel EPA/VT

Trapezoidal power panel is installed under the tabletop of heavy-duty workbenches inside the lateral support. Power panel is equipped with three protected European socket outlets, power switch and three-meter cable network, which is output through the support of heavy workbench.
- Nominal load: 10 A
- Cross-section of grounding cable: 1,5 mm

7 Tools cabinet SHK/VT

Titan series reinforced tools cabinet can be used for milling, drilling and CNC lathes tools storage, as well as punches and matrix plate-bending tools.
Inner perforation of telescopic drawers allows mounting shelves for different tools storage and adjusts shelves' height with a 25 mm pitch.

860×1200×1300 mm

Default colors combination is RAL 5021 (turquoise), RAL 9005 (black) and RAL 9010 (white). Matte paint texture

700 kg per unit   80 kg per shelf

Demountable construction provides an easy transportation; an assembled cabinet can be moved with a stacking truck or a loader.
The inner perforation of cabinet's shelves can be provided according to customers' requirements.

7a PO-SHK/VT Tool cabinet's inner shelf with a mat

Tools cabinet's inner shelf can be installed inside the drawer console and is equipped with anti-slip mat.

140×30×1200mm

7b PO-35-SHK/VT Tool cabinet's internal shelf with 35mm holing

Tools cabinet's inner shelf can be installed inside the drawer console. It has perforation of 35 mm in diameter with protective plastic inserts.

140×30×1200mm

7c PO-60-SHK/VT Tool cabinet's internal shelf with 60mm holing.

Tools cabinet's inner shelf can be installed inside the drawer console. It has perforation of 60 mm in diameter with protective plastic inserts.

140×30×1200mm

7d PFP-SHK/VT Perforated restraining wall

Restraining perforated wall for tools cabinet can be installed between two inner shelves, allows delimiting the space of two adjacent consoles of the cabinet.

1166×572 mm

TITAN SERIES HEAVY DUTY TECHNICAL WORKBENCHES

Section.

The shelf is equipped with tool storage system designed for reliable fixation of milling, drilling and CNC lathes tools which is represented by two types of perforation (30 mm and 56 mm in diameter) with protective plastic inserts.

🔋 100 kg 📦 190×990×20 мм

8d TT-B / VT Internal shelf with anti-slip rubber and upturns

Internal shelf should be installed between two inner perforated panels of transportation cart base vertical wall and Restraining Section. The shelf is equipped with anti-slip rubber and upturns.

🔋 100 kg 📦 190×990×33 мм

8e TT-K / VT Internal shelf with anti-slip rubber

Internal shelf should be installed between two inner perforated panels of transportation cart base vertical wall and Restraining Section. The shelf is equipped with anti-slip rubber.

🔋 100 kg 📦 190×990×20 мм

9 Shelving STS/VT

Reinforced shelving with four height adjustable shelves. No additional floor leveling required.

Available in RAL 9005 (black) и RAL 9010 (white) colors. Matte paint texture.

🔋 per unit 800 kg   🔋 per shelf 350 kg

8 TT/BT Transportation cart

Titan series reinforced transportation cart is designed for heavy tools and accessories storage and movement between manufacturing sectors. The cart is established on rotary wheels, 2 of them with brakes, it is also equipped with the convenient handle.

Default colors combination is RAL 5021 (turquoise), RAL 9005 (black) and RAL 9010 (white). Matte paint texture.

Demountable construction facilitates transportation and gives the opportunity to remove main shelves and use internal space for transportation of gauge loads.

Individual selection of dimensions, position and tilt angle and various types of perforation according to customer's requirements is possible.

Transportation cart consists of several modules:

8a TT-01/VT Transportation cart base

The bottom of the transportation cart base structure is covered with 3mm anti-slip rubber; the vertical wall is equipped with two additional lateral shelves with up to 30 kg load capacity each and a convenient handle.c

Sectional construction of the trolley makes it possible to use the entire internal space for dimensional goods transportation.

📦 700×1200×1500 мм   🔋 up to 700 kg

8b TT-OS / VT Restraining Section

Should be installed on the opposite side of the trolley's vertical wall with holder, allows limiting the inner zone of the trolley and installing internal shelves between two inner perforated panels.

📦 700×810×113 мм

8c TT-P / VT Internal shelf with perforation

Internal shelf should be installed between two inner perforated panels of transportation cart base vertical wall and Restraining

10 Movable workstation VTM

Titan series movable workstation is a compact movable workbench with four drawers and four reinforced polyurethane wheels, two of which are equipped with a stopper; it prevents a workbench rolling during a working process. Movable workstations are equipped with five small and one bigger separate sections for accessories on a working surface; it is also equipped with side shelves below the tabletop and a convenient handle.

Can be additionally equipped with the perforated cover screen and the hinged lamp.

📦 workstation 600*900*500 mm   ⚖ 130 kg

📦 two drawers 400*160*435 mm
two drawers 400*80*435 mm

Default colors combination is RAL 5021 (turquoise), RAL 9005 (black) and RAL 9010 (white). Matte paint texture.

🔽 per working surface 150 kg

🔽 per telescopic drawer 80 kg

10a Perforated cover screen for movable workstation PFP/VTM

Perforated cover screen is designed for tools and additional accessories storage above the tabletop working area. The cover screen should be attached to the backside of the mobile workstation by screw connection and allows locking of working zone of the movable station with a key if necessary.

📦 600x505x100 mm 🔽 20 kg

10b Hinged LED lamp DL/VT

Metal case with LED lamp is fastened in the central zone of the perforated screen.
Light source: 29 LEDs
Illumination of the working surface at a distance of 600 mm from the light source:
- Central zone at least 1200 lux
- Peripheral zone at least 600 lux

📦 457x40x10,8 mm

ADDITIONAL ACCESSORIES FOR PERFORATED PANELS OF HEAVY WORKBENCH AND MOVABLE WORKSTATION
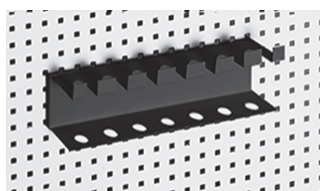
K-01/VT Hook for tweezers and equipment with small handles.
📦 174×70×40 мм

K-02/VT Hook for screwdrivers.
📦 174×70×40 mm

K-03/VT Holder for pliers.
📦 174×85×47 mm
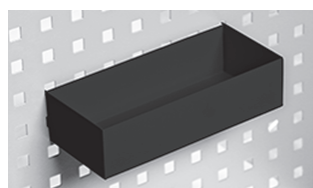
K-04/VT Hook for any tools.
📦 174×45×35 mm
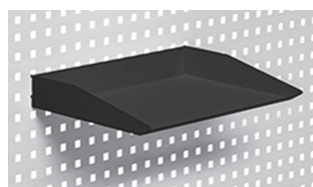
K-05/VT Holder for screwdrivers and 9–13 mm diameter drills.
📦 175×100×32 mm

K-06/VT Hooks for spanners.
📦 188×181×52 mm

K-07/VT Double hook for heavy instruments.
📦 37×41×92 mm

K-08/VT Tray for small components and bottles.
📦 174×45×82 mm

K-09/VT Tray for A4-size papers.
📦 311×45×225 mm
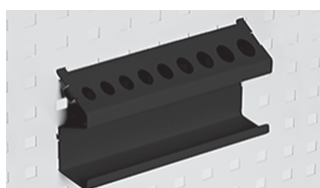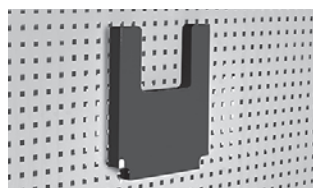
K-10/VT A4-size papers holder.
📦 233×289×30 mm

Specialized workbenches
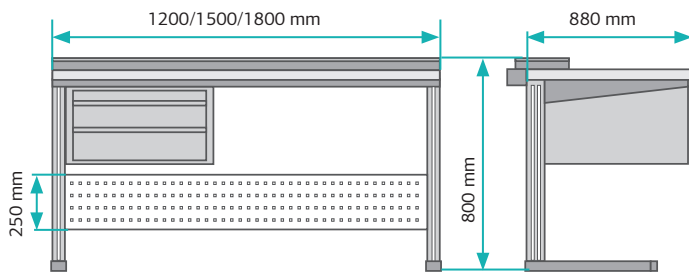
1	ALF-U Alpha Simplified

Simplified Alpha series workbench without upper modules. Alpha universal workbenches allow several extensions: optional drawer unit, box with protective plastic fibers and power panel

2	EPA-ALF-U Box with protective plastic fibers on box lid's edges

Metal box with power panel is mounted to the back side of ALPHA universal workbench. The box's lid is covered with plastic fibers to protect power panel from dust and cuttings. Can be also used as a worktop extension which makes the workbench depth 180 mm more. Power panel consists of 8 sockets in an aluminum case with protective contact and 3 m cable. Nominal load capacity: 10 A.
        Available in technical and ESD versions.

3	Optional drawer units
3a	Optional drawer units with reduced depth

Storage solution for tools and components, no place on floor required. Those with reduced to 490 mm depth allow installing various additional equipment under a tabletop.

1200/1500/1800 mm

880 mm

250 mm

800 mm

Specialized workbenches for optical fiber handling
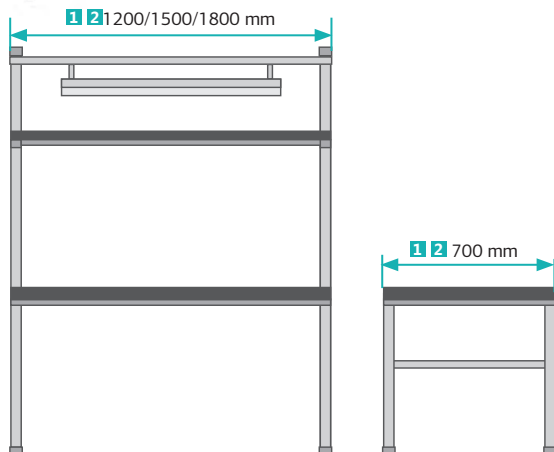
Two different types available for purchase: Workbench set and single workbench.

1	SET SOV-12/15/18 ESD Specialized workbench set for optical fiber handli

The set includes workbench itself, 300 mm main shelf and lighting. Workbench's worktop and main shelf are covered with black ESD plastic (RAL 9005) to provide convenience for optical fibers works. Available only in ESD version.

650–950 mm   300 kg   300℃

2	SOV-12/15/18 Classic ESD Specialize workbench for optical fiber handling

Workbench's worktop is covered with black ESD plastic (RAL 9005) to provide convenience for optical fibers works. Available only in ESD version.

650–950 mm   300 kg   300℃

1200/1500/1800 mm

700 mm

SU Universal workbenches

UNIVERSAL workbenches do not allow any upper extension, but can be placed in a line with no gaps. 700 mm and 900 mm depth SU workbenches can be equipped with all types of Optional drawer units.

650–950 mm   300 kg

1200/1500/1800 mm   500/700/900 mm
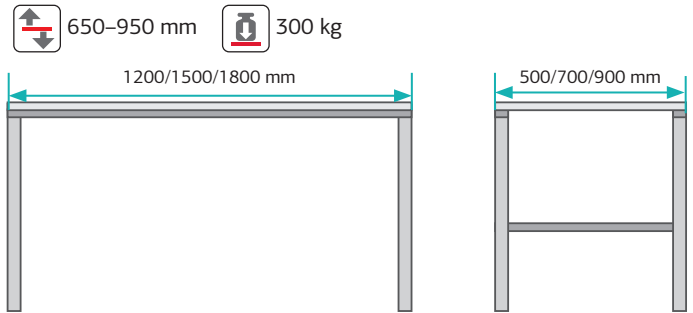
SK-01 Movable computer equipment workbench

Space-saving movable workbench for computer and measurement equipment storage and transportation.
Movable workbench is equipped with four 50 mm casters, two of which are with brakes and PPK-02 keyboard support.

785–1040 mm   300 kg

900 mm   300 mm   700 mm   400 mm
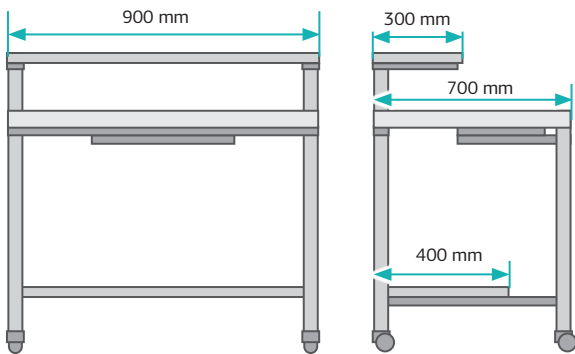
USS-SU-7/9 Corner connecting workbench

Corner connecting workbench is used to build up inseparable working area being a connector for two standard Classic, Comfort or Constant workbenches put at right angle. Increased depth of tabletop and load capacity of 200 kg allows storing and using heavy or bulky equipment.
Corner connecting workbench is produced in 2 sizes to match 700 mm depth workbenches and 900 mm depth workbenches. Perforated panel, main and additional shelves, lighting units and power panels can be mounted to corner connecting workbench on request.

670–930 mm   300 kg

1050/1250 mm   1050/1250 mm

700/900 mm   700/900 mm

500 mm
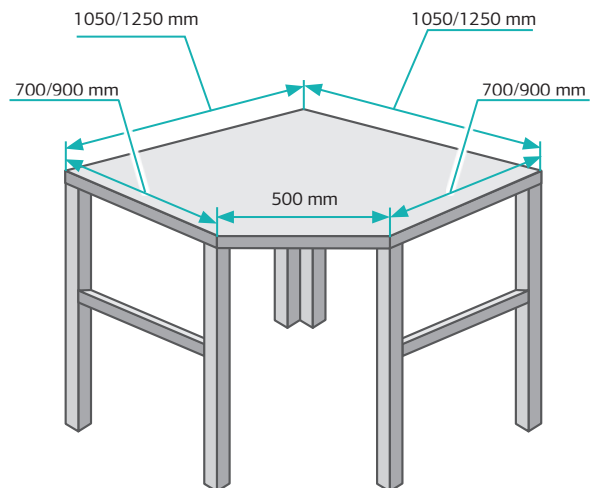
WIRE HARNESS WORKBENCH

Wire harness workbench with 0° to 80° angle adjustable worktop made of 1,5 mm thick powder-painted steel allows using magnetic plates with holders, retainers, corner posts and wire breakout systems which help to hold wires and form bundles on wire harness workbench. Magnetic plates are equipped with two potent (with 20 kg/s pull off force) magnets each thus allowing the usage of up to 5 kg bundles without their spontaneous movements.

Worktop angle adjustment and fixation is performed by side clamping handles. Workbench supports unit dimensions: 1425×690 mm. Steel worktop available in three versions (width×height):

– SR-ZHG-15 (1500×1400 mm),
– SR-ZHG-18 (1800×1400 mm),
– SR-ZHG-20 (2000×1400 mm).

Workbench height:

– in horizontal position of the worktop — 800 mm
– in vertical position of the worktop — 1760 mm
Available only in technical version. Supplied in a set with casters.

70 kg

WIRE HARNESS WORKBENCH ACCESSORIES

| 1 | 2 | 3 |

Different types of holders, retainers, corner posts and wire breakout systems, which help to hold wires and form bundles on wire harness workbench. They should be mounted on one of three types of magnetic plates.

CODE		DIMENSIONS (W×H×D)	MAX. BUNDLE DIAMETER	COMMENTS
1	Harness elastic retainer			
RER.75-S6-X		30×56.1× ×28.4 mm	19 mm	Cable bundles are formed as cable bundles are inserted. Completed bundles can be easily removed
	Harness replacement elastic band for RER.75-S6-X.			
RER.75E-X				The elastic band is replaceable
2	Harness elastic retainer			
RER2.0-S6-X		33.3×100.2× ×71.4 mm	50.8 mm	Cable bundles are formed as cable bundles are inserted. Completed bundles can be easily removed
	Harness replacement elastic band for RER2.0-S6-XX			
RER2.0E-X				The elastic band is replaceable
3	Low profile elastic retainer			
ER.5-E4-X		49.8×25.4× ×14.2 mm	12.7 mm	Cable bundles are formed as cable bundles are inserted. Completed bundles can be easily removed
ER1.25-E4-X		73.7×50.8× ×24.1 mm	31.8 mm	
4	Corner post			
	High profile corner post			
CPH.75-S8-X		22.9×47.8× ×40.8 mm	19 mm	Designed to pre-form tight bundles at harness corners and breakouts. Top arm rotates upward for easy removal of completed harness
	Low profile corner post			
CPL.75-S8-X		22.4×27.4× ×38.6	19 mm	

	TYPE OF THE MAGNETIC PLATE	USED FOR HOLDERS	DIMENSIONS OF THE PLATE, MM
1	MP-ZHG-1	RER75-S6-X ER.5-E4-X CPH.75-S8-X CPL.75-S8-X	30×80
2	MP-ZHG-2	RER2.0-S6-X ER1.25-E4-X	35×110
3	MP-ZHG-3	SHH3-S8-X	20×190

| 1 | 2 |
| 3 | 4 |

5 Spring wire breakout system

Harness board spring and spring linkage holds wire ends secure while harness is being fabricated. Wires simply pull out from spring when harness is removed.

CODE		DESCRIPTION	SPAN BETWEEN FASTENINGS (LENGTH)	COMMENTS
SHH3-S8-X		Linkagefor wire breakout system	172,7 mm	Should be ordered together
PBSC6-X		Spring wire breakout system, should be mounted to linkage	152,4 mm	

CUSTOMIZED LAYOUTS

We are pleased to offer customized layouts based on our clients' individual requirements and projects. One can change size, shapes, add necessary elements to any particular module. **Minimum order quantity for customized layouts — 5 pieces**.

ST-B movable counter with ESD boxes

SR-VD workbench with movable middle unit

EM-SR-14 Workbench for electrical installation operations

We are pleased to offer customized layouts based on our clients' individual requirements and projects. One can change size, shapes, add necessary elements to any particular module
Minimum order quantity for customized layouts — 5 pieces..

ALF-N ALPHA series workbench with 3 aluminum supports and customized shape worktop

TTL-P Laboratory equipment transportation cart

TTU-N Heavy-duty transportation cart

Workplaces additional equipment

PO-IP-12/15/18 Tabletop secondary structure

Tabletop secondary structure is an additional module for 900 mm depth Classic workbenches. It is equipped with additional power panel and a 400×360×40 mm drawer. Power panel can also be equipped with additional sockets.

📦 1200/1500/1800×100×430 mm   ⚖ 120 kg

PPK-02 Metal keyboard support

Telescoping metal support saves space on the tabletop. Keyboard support is produced of powder coated steel and available in dark grey (RAL 7012) or light grey (RAL 7035) colors. Keyboard support can be mounted to any workbench series which has enough space under the tabletop (minimum of 615 mm width and 383 mm depth is required).

📦 616×135×383 mm   📦 plate for keyboard 245×505 mm   ⚖ 30 kg

KL-1200 Retracing mechanism

Should be mounted to IP Cantilever module. Designed to suspend instruments and make them easy-to-reach. Cable tension depends on the weight of the instrument.

⚖ 0.6–1.5 kg

EP Power Panel accessories

Standard power panels can be additionally equipped with a number of additional units:

- Single sockets with grounding
- Double sockets with grounding
- Dust-proof sockets
- 10 A automatic switcher
- 16 A automatic switcher

- Circuit breaker
- Automatic circuit breaker with filter for high-resistance interference sources

PPN-02 Footrest

Footrest helps to provide workers with an ergonomically correct sitting position. PPN-02 footrest is equipped with height and angle adjustment mechanism.

📦 400×300 mm

PPCH-01 / PPCH-01/A Drafts holders
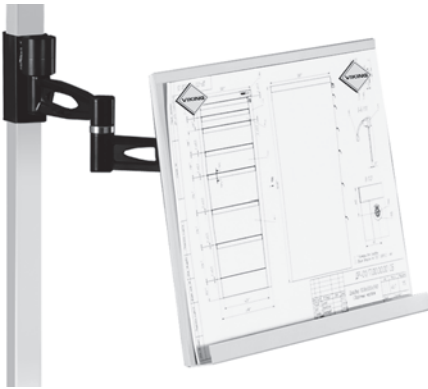
Adjustable drafts holder. Supplied in a set with two magnets. Requires PO Main shelf or Rear racks for SR series workbenches. Mounted to aluminum racks when used with Alpha or Alliance series workbenches. Rotary segments' length: 150 mm.

of metal plate 430×310 mm   15 kg

PPM-03 / PPM-03/A Monitor supports

Adjustable monitor holder. Requires PO Main shelf or Rear racks for SR series workbenches. Mounted to aluminum racks when used with Alpha or Alliance series workbenches. Rotary segments' length: 150 mm.

of metal plate 430×310 mm   15 kg

PPS-01 Movable computer case support

Computer support helps moving the computer case around the area.

220×150×480 mm

PPS-03 Suspended computer case support
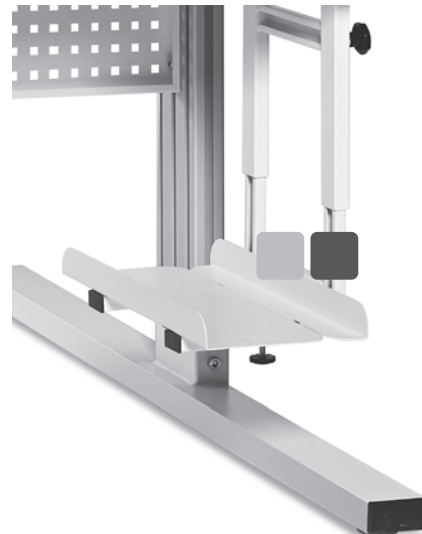
Suitable for any workbench.

265x460x460 mm

PPN-03/A Suspended footrest for ALLIANCE series workbenches
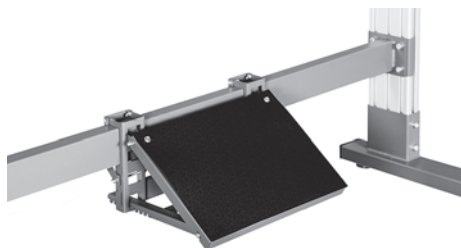
It is only suitable for ALLIANCE series workbenches. The footrest should be mounted to the lower slat and is equipped by a nonskid floor mat. 130° to 160° angle adjustment provides additional convenience for an operator.

of a platform 400×300 mm   60 kg

Workplaces additional equipment, grounding equipment

ARK Bin rail
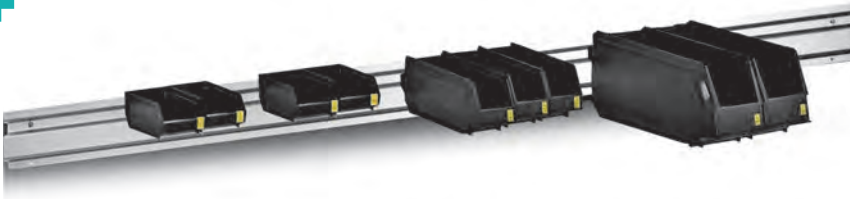
Aluminum rail can be installed wherever on the wall to hold attached storage bins. Maximum length 3 m.

- Width 95 mm.

DL/N Under-shelf local lighting
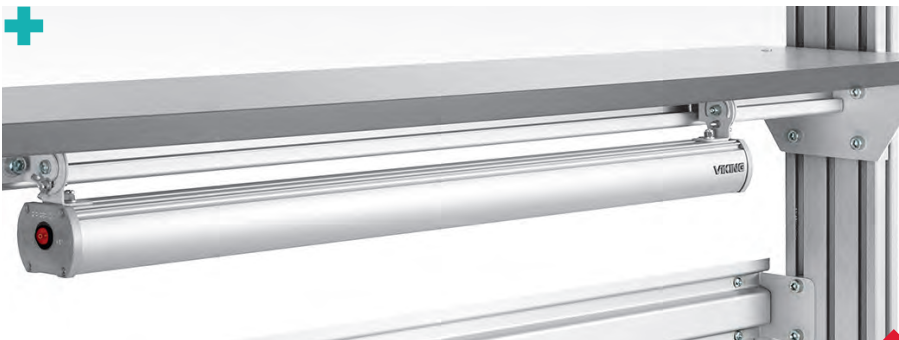
Additional lighting can be mounted under the main shelf or attached to perforated panel. Suitable for any workbench equipped with upper modules. Angle adjustment ±60° or 80° depending on the type of workbench.

- 2 versions: 60 cm length and 90 cm length
- Luminous flux: 3150/4725 Lm
- Color temperature 4700–5300 K

Provides at least 1000-lux illuminance at 1000 mm distance from the light source..

PPT-01 Movable drawer unit support

Movable drawer unit support is an additional unit that helps to turn stationary drawer units and cabinets into movable one. It matches all standard cabinets (TMB-01/1 and TMB-02/1) and drawer units (DR-03/1, DR-05/1, DR-07/1 and DR-10/1). Four 50 mm casters, two of which are with brakes.

510×120×600 mm   350 kg

PO-ZHL/VR-PO-ZHL Sliding shutters shelf
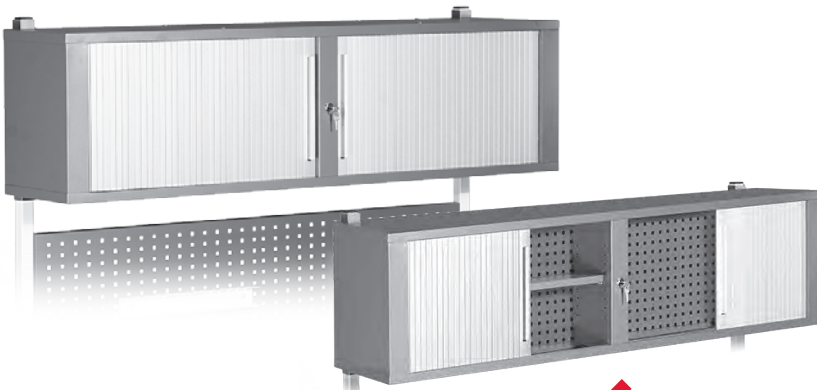
Additional shelf with sliding shutters can be mounted to any Classic or Constant (PO-ZHL) and Verstak (VR-PO-ZHL) series standard workbench which has Rear Racks. This additional shelf has two sliding shutters and a lock, which allows safe tools, equipment and documents storage.

1200/1500/1800 ×400×300 mm

50 kg

Only available in technical version. Not compatible with SRST middle upright.

PO/K Reinforcing Bracket

A set of reinforcing brackets for main shelves of CLASSIC, COMFORT, CONSTANT and OSTROV series. Helps to increase Main shelves load capacity up to 100 kg.

KRP Swivel Bracket with interchangeable supports

Universal swivel bracket helps to arrange additional equipment around the working area and maintain operator's ergonomics. KRP swivel bracket can be equipped with three different supports as an attachment: equipment shelf, bin rail or perforated panel.

The system consists of:

1 KRP Swivel Bracket unit (KRP/A for aluminum series).
And one of 3 interchangeable attachments:

2 PO-KRP equipment shelf with upturns
276 × 362 mm

3 PFP-PKR perforated panel
319 × 428 mm

4 RK-KRP bin rail
270 × 466 mm

PFP Perforated Panel accessories
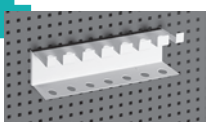
K-01 Hook for tweezers and equipment with small handles.
174×70×40 mm

K-02 Hook for screwdrivers.
174×70×40 mm

K-03 Holder for pliers.
174×85×47 mm

K-04 Hook for any tools.
174×45×35 mm

K-05 Holder for screwdrivers and 9–13 mm diameter drills.
175×100×32 mm

K-06 Hooks for spanners.
188×181×52 mm

K-07 Double hook for heavy instruments.
37×41×92 mm
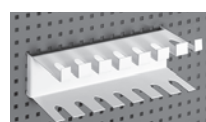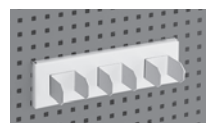
K-08 Tray for small components and bottles.
174×45×82 мм
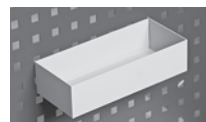
K-09 Tray for A4-size papers.
311×45×225 mm

K-10 A4-size papers holder.
233×289×30 mm

Drawer units

Steel frame drawer units are designed for tools and components storage. Movable and stationary drawer units can be also used as ad ditional workplaces. Steel frame drawer units are equipped with central lock and either 550 mm telescoping drawers or shelves. Movable units have four rubber casters, two of which are with brakes. We also offer suspended drawer units with reduced to 490 mm depth, which allow installing various additional equipment under a tabletop.

Drawers' inner dimensions for different types are:

A — standard 400×45×505 mm   B — standard 400×100×505 mm

C — standard 400×160×505 mm   D — standard 400×200×505 mm   per drawer 30 kg

Reduced drawers

A — reduced 400×45×426 mm   B — reduced 400×100×426 mm

DRAWER UNITS ↘		SUSPENDED				MOVABLE	
		TP-01/P	TP-02/P	TP-10/P	TP-20/P	TP-01/S	TP-02/S
Picture number		1	2	3	4	5	6
Dimensions (W×H×D), mm		490×354×605	490×233×605	490×354×490	490×233×490	490×610×580	490×650×635
Quantity of drawers		3	2	3	2	3	4
Drawers per unit	A	1	1	1 reduced	1 reduced	–	1
	B	2	1	2 reduced	1 reduced	2	2
	C	–	–	-	-	1	1
Weight (kg)		20	15	17	12	25	32

When ordering, please mention whether ESD or technical version, and whether dark grey RAL 7012 or light grey RAL 7035 color required.

STATIONARY CABINETS AND DRAWER UNITS

500 mm

800 mm

590 mm
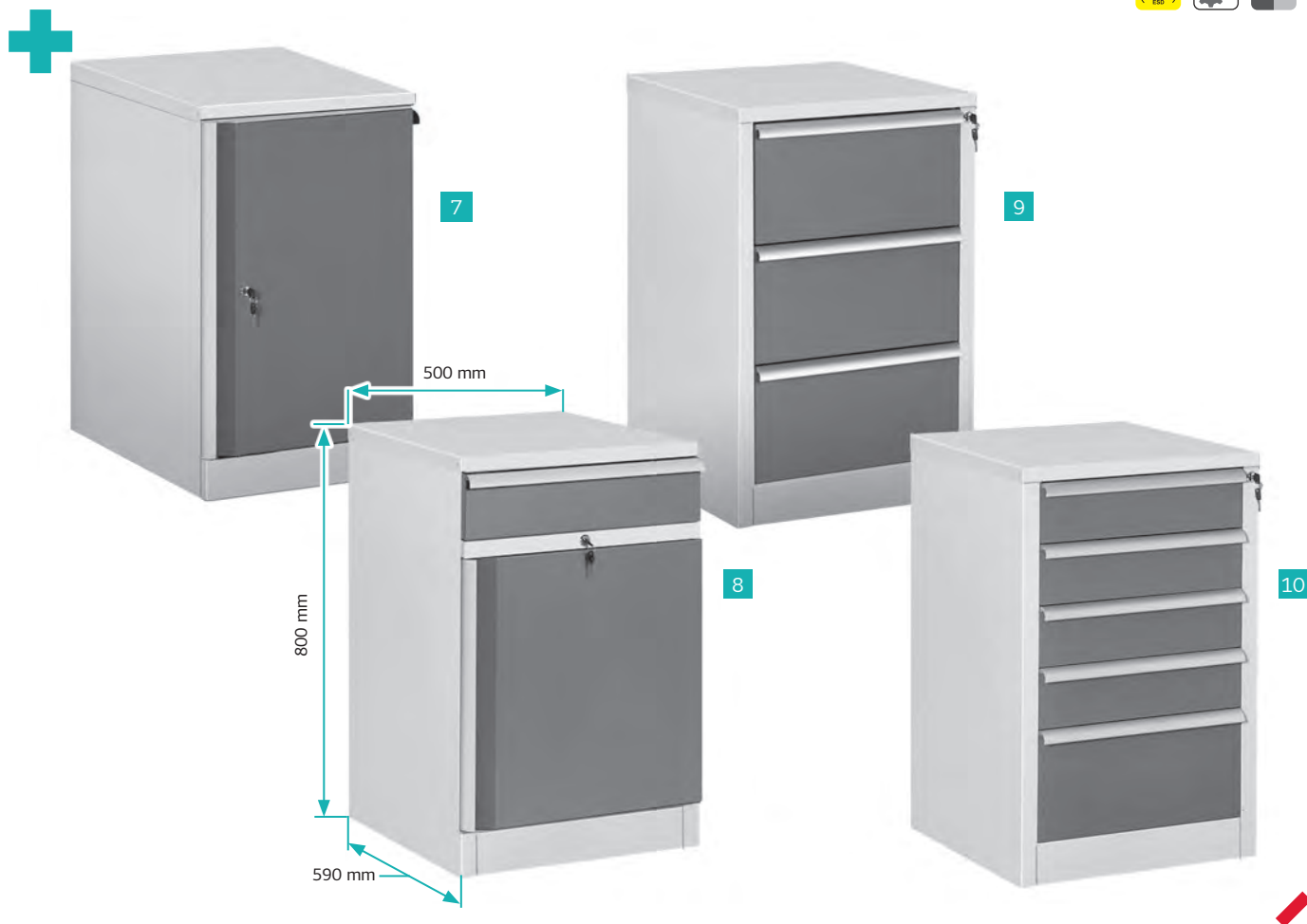
Steel frame stationary cabinets and drawer units are designed for tools and components storage and can be also used as additional workplaces. All stationary cabinets and drawer units can be installed as worktop supports for CONSTANT series workbenches and VERSTAK series technical workbenches. All standard stationary cabinets and drawer units are bicolored by default.

Stationary cabinets and drawer units have /1 in code if standing separately (for example, DR-07/1) and are indicated without additional number in code if used as VERSTAK or CONSTANT series support (for example VR-12+DR-03).

		STATIONARY		
	TMB-01/1	TMB-02/1	DR-03/1	DR-05/1
Picture number	7	8	9	10
Dimensions (W×H×D):	500×800×590 mm	500×800×590 mm	500×800×590 mm	500×800×590 mm
Quantity of drawers /shelves	2 shelves	1 drawer, 1 shelf	3 drawers	5 drawers
Drawers per unit — B st.	–	1	–	4
C st.				
D st.	–	–	3	1
Weight (kg)	25	30	35	40

When ordering, please mention whether ESD or technical version required.

Enlarged cabinets and drawer units
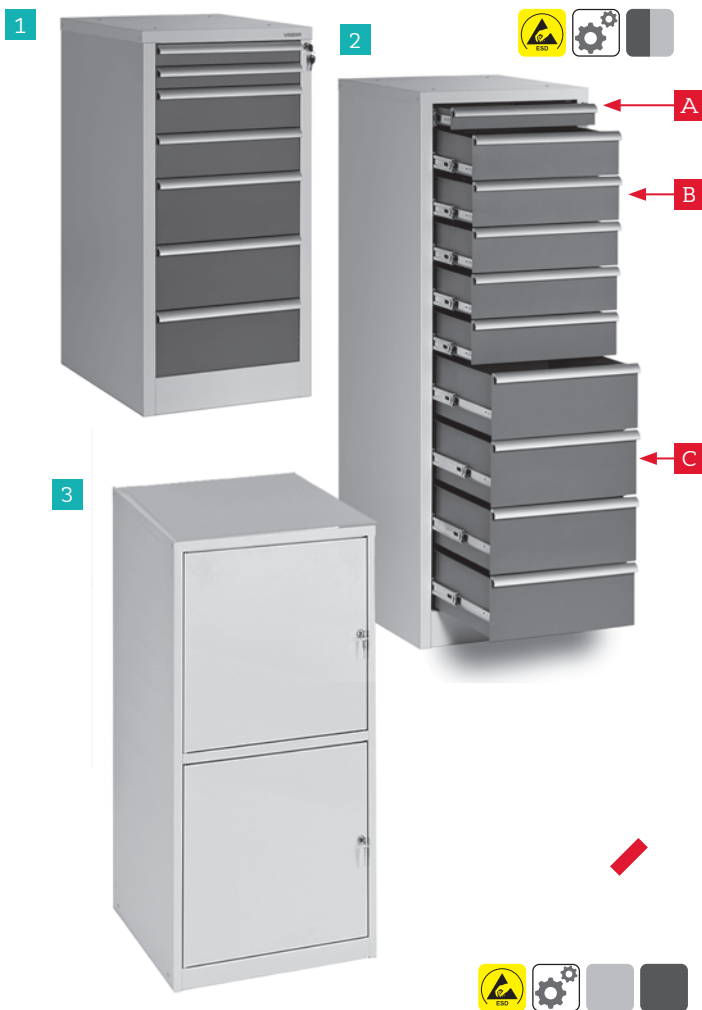
Drawers dividers

Steel frame enlarged stationary drawer units are designed for tools and components storage; can be also used as additional workplaces. DR-07/1 and DR-10/1 enlarged stationary drawer units are bicolored by default. For TMB-03/1 cabinet, please, mention whether dark grey RAL 7012 or light grey RAL 7035 color required. All cabinets and drawer units have /1 in code if standing separately (for example, DR-07/1).

Drawer's inner dimensions:

A — standard 400×45×505 mm   B — standard 400×100×505 mm

C — standard 400×160×505 mm

	DR-07/1	DR-10/1	TMB-03/1
Picture number	1	2	3
Dimensions (W×H×D):	500×1040× ×590 mm	500×1520× ×590 mm	540×1050× ×500 mm
Quantity of drawers	7	10	2 closable sections
Drawers types per unit	A st. 2	1	-
	B st. 2	5	-
	C st. 3	4	-
Weight (kg)	55	75	20

ALPHA cabinet

Drawer dividers sets

Dividers help to organize drawer internal space according to specific needs.

One can modify the space to many cells according to the number and dimensions of items needed to store: instruments, PCBs, mounting elements or other items.

1 D-10/A / DM-10/A sets

D-10/A

Dividers for type A standard drawers (400×45×505 mm).

DM-10/A

Dividers for type A reduced drawers (400×45×426 mm).
Each set consists of 4 longitudinal and 6 transversal dividers. Up to 35 different sized cells can be organized.

2 D-11/B/ DM-11/B sets

D-11/B

Dividers for type B standard drawers (400×100×505 mm).

DM-11/B

Dividers for type B reduced drawers (400×100×426 mm).

Each set consists of 3 longitudinal and 4 big and 4 small profiled transversal dividers. Up to 10 different sized cells can be organized.

3 D-16/B

Dividers for type B standard drawers (400×100×505 mm). The set consists of 4 longitudinal and 6 medium and 6 small profiled transversal dividers. Up to 15 different sized cells can be organized.

4 KD/AB mat

ESD mat that should be ordered separately if drawers dividers set is being ordered for technical version cabinets. KD/AB mat is necessary to provide drawers dividers set stability and reliability.

5 Additional equipment for drawers – plastic ESD trays

ESD inserts for components and personal belongings convenience storage are made to match standard type A and type B drawers. ESD inserts are produced of 2,2 mm thick black dissipative polystyrene. Max temperature 60°C.
Available in two versions:
- V-01 ESD, Antistatic inserts for type A standard drawers (400×45×505 mm). Insert contains 9 cells of different shape and dimensions: one 375×112 mm cell, four 182×112 mm cells, and four 86×112 mm cells.
- V-02 ESD, Antistatic inserts for type B standard drawers (400×100×505 mm). Insert contains 8 similar dimensions cells 112×182 mm each.

ALF-TMB-02 cabinet

Spacious metal cabinet for documents, folders and personal belongings; can be attached to workbench by bolts. Cabinet has 2 standard drawers and 2 sliding shelves, each has a perforated side wall, which can be placed on right or left side depending on further usage. ALF-TMB-02 cabinet only available in technical version. Cabinet can be attached to any ALPHA series workbench from either side.

445×1285×700 mm

per shelf 30 kg

Shelves dividers for ALF-TMB-02 cabinet
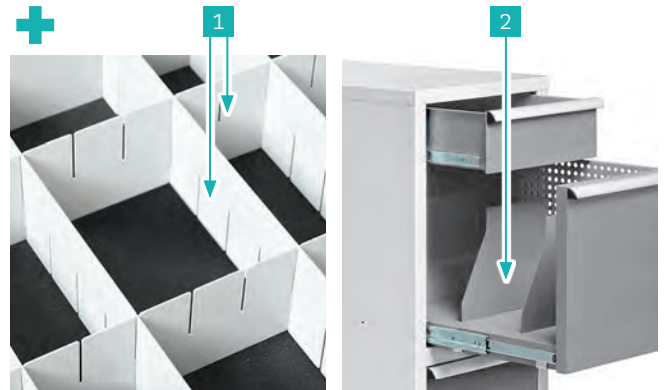
1 D-7/ALF-2 Horizontal dividers

Seven horizontal 335 mm length dividers help to organize cells for different small items.

2 D-4/ALF-2 Vertical dividers

Four vertical 240×290 mm dividers help to organize slots for folders and documents.

Movable tables and carts

6

1

2 3 4

5

+

1	Al-PS Alliance Movable table

Movable table is used for tools and components storage and transportation. Equipped with four 75 mm casters, two of which are with brakes and three shelves, middle one with height's adjustment.

690×840×460 mm   150 kg

6	PS-10 movable table with suspended drawer unit

Movable table with TP-02/P suspended drawer unit can be used as additional workplace. Movable table is equipped with four 75 mm casters, two of which are with brakes.

650–950 mm

2	3	4	PS-07, PS-10, PS-15 movable tables
5			PS-07 Comfort

Movable tables are used for tools and components storage and transportation. All movable tables are equipped with four 75 mm casters, two of which are with brakes.

650–950 mm

CODE	PS-07	PS-10	PS-15	PS-07 COMFORT
Picture number	2	3	4	5
Load capacity per surface (kg)		150 kg		100 kg
Dimensions (W*D):	710×515 mm	700×1000 mm	700×1500 mm	710×515 mm

7 8 9 TT-02, TT-03, TT-04 transportation carts

Transportation carts are used for tools and components storage and transportation.
Metal carts are equipped with four 75 mm (for TT-02, TT-03 carts) or 125 mm (for TT-04 cart) casters, two of which are with brakes, and height adjustable shelves.

CODE	TT-02	TT-03	TT-04
Picture number	7	8	9
Dimensions (W×H×D):	470×990×840 mm	615×1560×1270 mm	615×1560×1270 mm
Quantity of shelves	2	3	4
Shelves height adjustment	140–800 mm	140–800 mm	190–1480 mm
Load capacity (kg)	100 kg	100 kg	100 kg

When ordering, please mention whether ESD or technical version, and whether dark grey RAL 7012 or light grey RAL 7035 color required.

MOVABLE TROLLEYS

1 AL-ST Equipment trolley

Equipment trolley is designed for additional equipment storage and transportation. It has five height adjustable shelves and a half-size power panel with four sockets and a switch. The panel is located on the side frame thus does not occupy any space on shelves. Equipment trolley side frames are manufactured of aluminum profile, which allows attaching small elements, and gives the whole unit elegant look. Trolley has four casters, two of which are with brakes as supports.

460×690×1940 mm   150 kg

2 ST-05 Movable trolley
3 ST-05 Comfort Movable trolley

Movable trolleys are used for tools and components storage and transportation.
Each trolley is equipped with five height-adjustable shelves and a power panel with five grounded and one ungrounded socket, and four casters, two of which are with brakes. Lateral position of power panel.

150 kg

CODE	ST-05	ST-05 COMFORT
Dimensions (W×H×D):	600×500×1600 mm	680×460×1600 mm

4 ST-06 Movable trolley

Movable trolley is used for tools and components storage and transportation.

Trolley is equipped with five height-adjustable shelves and four casters, two of which are with brakes. No power panel included.

600×1605×500 mm   150 kg

5 SKM Dual movable trolley

Dual Movable trolley for accessories is made of a rack coated with conductive powder paint, thus available only in ESD version. Lower shelf made of ESD laminated chipboard 25 mm thick. Trolley is equipped with four 75 mm casters (2 of them with brakes) and six rails for boxes. Attachable bins should be ordered separately.

Each of 2 sides of bin rails can be additionally equipped with:
- 6 pcs of COCIS-A
- 6 pcs of COCIS-B
- 4 pcs of COCIS-C
- 3 pcs of COCIS-E

1600×680×460 mm   100 kg

6 ST-R Movable repairing trolley

The trolley is equipped with two-sided 525×600 mm perforated panel above the trolley's tabletop and a drawer unit with five telescoping drawers lower.

of the trolley 600×630×1730 mm

of the drawer 800×500×590 mm

for perforated panel 10 kg

7 ST-VR-01 Movable equipment trolley

Convenient equipment trolley with side handle allows tools and equipment storage on upper perforated panel and two lower shelves. All standard hooks (K-01–K10) can be mounted to upper perforated panel. Movable trolley equipped with four casters, all with brakes.

800×1600×690 mm

per shelf 100 kg   per trolley 250 kg

8 SUS Movable packing trolley

Auxiliary trolley, designed for convenient polyethylene, damping film, paper and other packaging materials rolls clamping; maximum roll's width — 1.5 m. Movable packing trolley equipped with four 50 mm casters, all with brakes.

1240×600×1800 mm   80 kg

CABINETS AND WARDROBES

CABINETS AND WARDROBES

1a
1b

All cabinets have central lock.
Filing and combined cabinets have three or four height adjustable shelves with 50 mm pitches.
For wardrobe and combined cabinets garment bar included.
For SHDZH Sliding shutters cabinets inner dividers included.
For SHKH cabinets 16 (SHKH-2) to 30 (SHKH-1) 360 mm telescoping drawers with outer dimensions of 310×100×370 mm included.

per surface — 30 kg

PICTURE NUMBER		DIMENSIONS (W×H×D), MM	WEIGHT, KG
	SHD-1, SHD-2 Filing cabinets		
1a	SHD-1	1000×1950×550	80
	SHD-2	820×1850×450	62
1b	SHD-3	820×1000×450	40
	SHO-1, SHO-2 Wardrobe cabinets		
2	SHO-1	1000×1950×550	68
	SHO-2	820×1850×450	52
	SHK-1, SHK-2 Combined cabinets		
3	SHK-1	1000×1950×550	78
	SHK-2	820×1850×450	58
	SHKH-1, SHKH-2 Drawers cabinets		
4	SHKH-1	820×1850×450	127
	SHKH-2	820×1060×450	69

5   SHDI-1 Tools storage cabinet

Tools storage cabinet is equipped with five 460/2×130×550 mm retractable drawers with middle divider each.

530×1400×605 mm   100 kg   55 kg

6   D-6/SH

Dividers for type SHKH drawers (360×100×310 mm). The set consists of two longitudinal and four transversal dividers. Up to 15 different sized cells can be organized.

7   KD/SH mat

ESD mat that should be ordered separately if drawers dividers set is being ordered for technical version cabinets. KD/SH mat is necessary to provide drawers dividers set stability and reliability.

8   SHDZH-1 Sliding shutters cabinet

SHDZH-1 Sliding shutters cabinet is a compact metal cabinet with two sliding shutters and a lock in the middle. Each section equipped with two shelves and inner dividers to provide convenient documents storage.

615×1660×405 mm   per shelf 25 kg

Available only in technical version

9   SHO-3 Two-section garment wardrobe

Two-section garments wardrobe is equipped with four shelves (two for each section), 2 rods with hooks for garments and additional perforation that provides ventilation of the inner zone.

600×1750×500 mm   59 kg

DRY STORAGE CABINET

DC ESD series dry storage cabinet is a special equipment designed to provide ultra-low ranges of relative humidity, which is necessary for storing moisture-sensitive components and materials, precision metal parts, scientific precision instruments, printed circuit boards, plates, cassettes, electronic modules and other sensitive electronics equipment. Typical application of cabinets is the equipping of laboratories, semiconductor production, inter-operational storage and warehousing of components, printed circuit boards and mounted modules.

All DC ESD series cabinets are manufactured in antistatic (ESD) version, in strict compliance with ESD safety regulations of IEC 61340-5-1. We use only specific glass with conductive surface (conductivity 10^3 -10^5 Ohm) and a separate grounding contact. All the shelves and horizontal surfaces of the cabinet are grounded and special ESD coating of all metal elements is applied.

DC ESD series dry storage cabinets feature low noise level and equipped with temperature and humidity levels indication and door alarm system.

600×1947×640 mm   ESD casters and light column excluded   per shelf 30 kg   131 kg

TECHNICAL SPECIFICATIONS	VALUE
Capacity, liters	670
Number of closable sections	3
Additional adjustable shelves	Up to 6 in each section
Max. dimensions of units to store (W*H*D)	500×510×570 mm
Humidity range	1-50%
Precision	1%
Absorption of moisture	automatically regenerated absorbent
Door alarm	integrated
Power consumption	200 +/- 22 W
Max. power consumption	Up to 350 W
IP protection class	IP 55

DC ESD series dry cabinets are available in:
White RAL 9010 (code DC-3W ESD)
Light grey RAL 7035 (code DC-3G ESD)
Black RAL 9005 (code DC-3B ESD)

Additional equipment of the cabinet on request

1	S-DC	Swivel supports (to replace casters)
2	C-DC	Light Column
3	SHW-DC/ SHB-DC	Additional adjustable shelves
4	L-DC	LED internal lighting installed inside each closable section

Each dry cabinet is equipped with humidity and temperature display on easy-to-operate three buttons digital control LSD panel.

Humidity and temperature monitoring is performed by the built-in precision sensor with digital interface, processor and LCD display. Monitoring is performed by a sensor, based on CMOS technology, each sensor is being factory calibrated prior to installation.

DC ESD dry cabinets are manufactured in strict compliance with international standards:

IPC / JEDEC J-STD 033C « Handling, Packing, Shipping and Use of Moisture/Reflow Sensitive Surface Mount Devices»; IPC / JEDEC J-STD-020C « Moisture/Reflow Sensitivity Classification for Nonhermetic Solid State Surface Mount Devices»; EIA / IPC / JEDEC J-STD-075 «Classification of Non-IC Electronic Components for Assembly Processes».

Shelving

| 1 | 2 | 3 | 4 |

| 1,2 | STU Shelving |

Shelving is used for documents and components storage. Shelvings (except for the STU-01) have height-adjustable supports and five height adjustable shelves with 50 mm pitches.

For STU-01 there are six height adjustable shelves with 50 mm pitches.

per shelf — 30 kg   per unit — 180 kg for STU-01

per unit — 110 kg for STU-02, STU- 03, STU-04, STU-05

№	CODE	Dimensions, mm
1	STU-01	820×1850×450
2	STU-02	820×1850×390
	STU-03	1000×1850×490
	STU-04	820×1950×390
	STU-05	1000×1950×490

When ordering, please mention whether ESD or technical version, and whether dark grey RAL 7012 or light grey RAL 7035 color required.

| 3 | STU Reinforced chelving |

Height-adjustable supports. Four height adjustable shelves with 50 mm pitches. No additional floor leveling required.

per shelf - 350 kg   per unit - 800 kg

№	CODE	Dimensions, mm
3	STS-12	1200×1800×600
	STS-15	1500×1800×600

| 4 | PL-1, PL-2, PL-STS-12, PL-STS-15 Additional shelves |

Additional shelves for cabinets and shelving

SHELF	TO BE USED FOR
PL-1	SHD-1, STU-03, STU-05
PL-2	SHD-2, SHD-3, STU-01, STU-02, STU-04
PO-STS-12	STS-12
PO-STS-15	STS-15

MODULAR COUNTERS
MODULAR TURNTABLE COUNTER
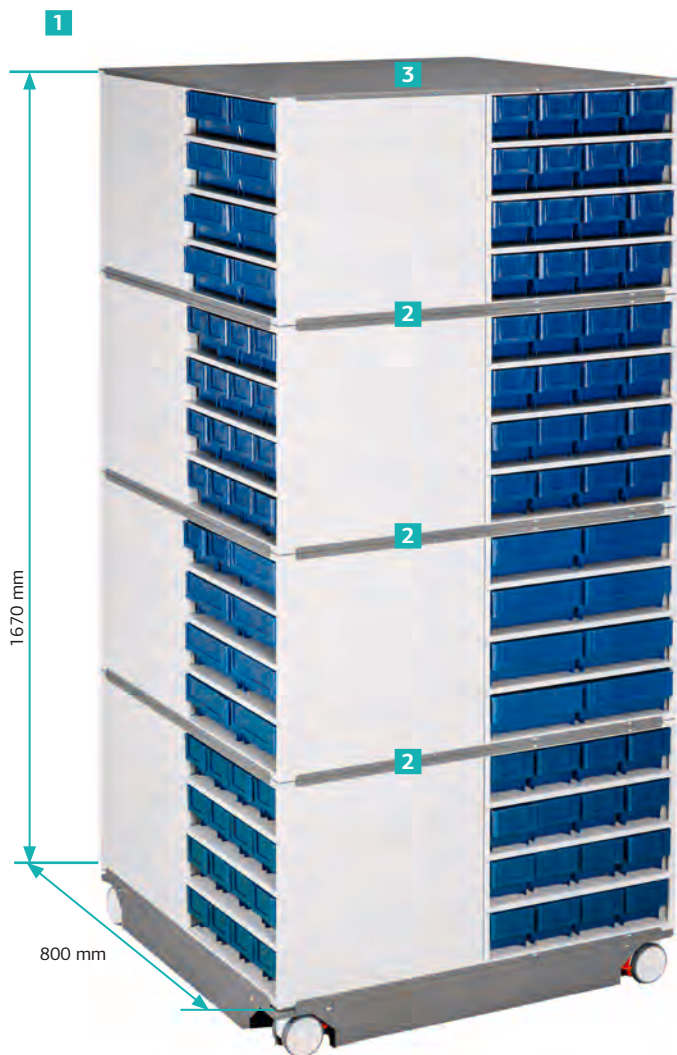
Turntable modular storage counter is a practical and high-capacity solution for components and tools keeping, that provides convenience of its usage in different production processes.

Turntable modular counter is equipped with bin cabinets containing two types of plastic bins: narrow and wide.

- **narrow** bins with up to of 2.4 liter volume

  394×92×81 mm   7.5 kg

- **wide** bins with up to 4.3 liters volume

  394×184×81 mm   10 kg
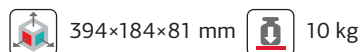
Turntable modular storage counter can be ordered as a complete set or partially.

Modular storage counter in ESD version contains black antistatic plastic bins.

1 SP-01

Full modular counter set consists of eight bin cabinets, each with 16 narrow bins and eight bin cabinets, each with 8 wide bins and technical connecting/turntable set. Full modular counter set is easily assembled of 16 bin cabinets placed in four levels, whereas each level contains four bin cabinets.

800×1670×800 mm   500 kg   200 kg

2 SP-01/S-1

Bin cabinet with 16 narrow bins.

395×400×400 mm   9,5 кг
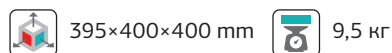
3 SP-01/S-2

Bin cabinet with 8 wide bins.

395×400×400 mm   9,5 кг
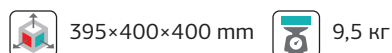
4 SP-01/K

Technical modules set that consists of

1 — turntable base,   **2** — 3 connecting pads,

3 — top lid.

SP-01/S-1, SP-01/S-2 and SP-01/K modules are necessary to built up a customized modular set.

Standard SP-01 set includes technical pads, base and top lid.

When ordering, please mention whether ESD or technical version required.

1670 mm

800 mm

MODULAR STATIONARY COUNTER

395 mm

1600 mm

1

2

3
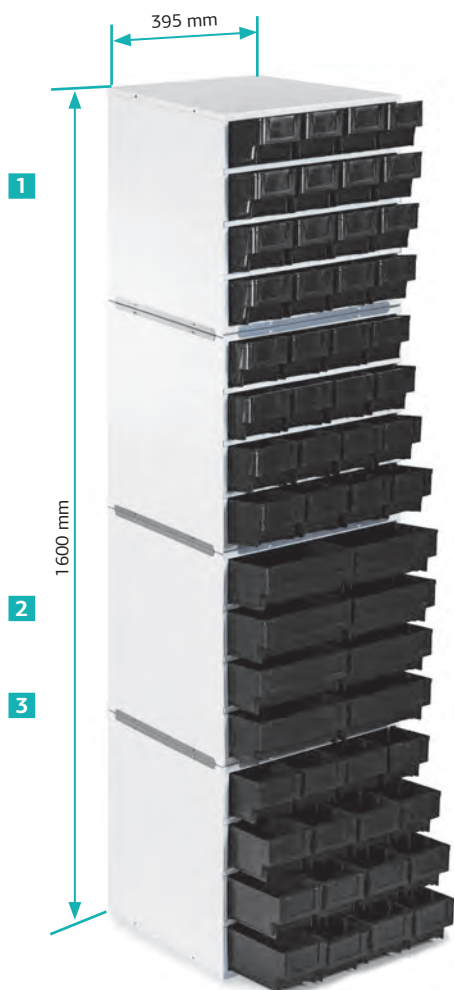
Stationary modular storage counter is a practical and compact solution for components and tools keeping, that can be placed anywhere in production hall.

Stationary modular counter is equipped with bin cabinets containing 2 types of plastic bins: narrow and wide.

– **narrow** bins with up to of 2.4 liter volume

394×92×81 mm   7.5 kg

– **wide** bins with up to 4.3 liters volume

394×184×81 mm   10 kg
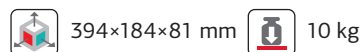
Modular storage counter in ESD version contains antistatic plastic bins.

Stationary modular storage counter is ordered in parts, bin cabinets and technical connecting pads separately. Maximum of 4 bin cabinets can be placed in a column.

1   SP-01/S-1

Bin cabinet with 16 narrow bins.

395×400×400 mm   9,5 кг
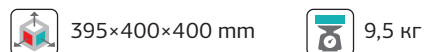
2   SP-01/S-2

Bin cabinet with 8 wide bins.

395×400×400 mm   9,5 кг
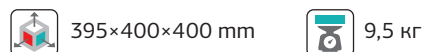
3   SP-01/PM

Connecting pad for bin cabinets.

Ordered if several bin cabinets need to be placed on one another to provide safer junction.

4   SP-01/C-1/D Dividers for narrow cases of the modular counter

They allow dividing the space inside a case. Max. 6 dividers can be places in one case.

5   SP-01/C-2/D Dividers for wide cases of modular counter

The allow dividing the space inside a case. Max. 6 dividers can be placed in one case.

6   SP-01/PPT Movable modular counter support

Movable modular counter support is designed to provide the mobility to modular counters. It has 4 casters with 50 mm diameter, 2 of which are with brakes. The stand can sustain 4 drawer units, which are established at each other.

ESD chairs

VKG C-100 ESD

ESD glide

ESD caster

AESD laboratory chair, covered with static dissipative fabric, can be equipped with five conductive glides or five ESD casters. Can be also equipped with KT type ESD armrests, footrest and enlarged gaslift on request.
- Back angle adjustment
- Seat height adjustment: 43–63 cm
- Available colors: grey and blue

7 kg

VKG C-200 ESD

ESD laboratory chair, covered with static dissipative fabric, can be equipped with five conductive glides or five ESD casters. Can be also equipped with KT type ESD armrests, footrest and enlarged gaslift on request.
- Back and seat angles adjustments
- Seat height adjustment: 43–63 cm
- Available colors: grey and blue

7 kg

VKG C-300 ESD

ESD laboratory chair with conductive incombustible polyurethane upholstery can be equipped with five conductive glides or five ESD casters. Can be also equipped with KT type ESD armrests, footrest and enlarged gaslift on request.
- Back angle adjustments
- Seat height adjustment: 43–57 cm

7,5 kg

VKG C-310 ESD

ESD laboratory chair with conductive incombustible polyurethane upholstery can be equipped with five conductive glides or five ESD casters. Can be also equipped with footrest and enlarged gaslift on request.
- Back angle adjustments
- Seat height adjustment: 43–57 cm

8 kg

VKG C-320 ESD

ESD laboratory chair with conductive incombustible polyurethane upholstery can be equipped with five conductive glides or five ESD casters. Can be also equipped with KT-2 type ESD armrests, footrest and enlarged gaslift on request.
- Back angle adjustments
- Seat height adjustment: 43–57 cm

8 kg

VKG C-330 ESD

ESD laboratory chair with conductive incombustible polyurethane upholstery can be equipped with five conductive glides or five ESD casters. Can be also equipped with KT-2 type ESD armrests, footrest and enlarged gaslift on request.
- Back and seat angles adjustments
- Seat height adjustment: 43–57 cm

8,5 kg

VKG C-400 ESD

ESD laboratory stool with conductive incombustible polyurethane upholstery can be equipped with five conductive glides or five ESD casters. Can be also equipped with ESD footrest and enlarged gaslift on request.

- Seat height adjustment: 43–63 cm
- Resistance: less than 1 MOhm
- Weight: 4 kg
- Cleanroom — suitable

7,5 kg

Foot ring (support) for VKG series

Height-adjustable supportive foot ring. Recommended for chairs with extended gaslifts.

Ring diameter
- JR-430 — 43 cm
- JR-600 — 60 cm

Gaslifts for VKG series

ESD chairs and armchairs are originally equipped with KJ/200 gaslift, which allows to adjust seat height 43–63 cm from the floor. KJ/200 and KJ/260 gaslifts can be also ordered separately.

Seat height adjustment
- KJ/200 — 43–63 cm
- KJ/260 — 54–83 cm

KT-2 ESD armrests

A set of ESD armrests can be additionally ordered for VKG C-320, C-330 types of ESD chairs.

KT ESD armrests for VKG series

A set of ESD armrests can be additionally ordered for VKG C-100, C-200, C-300 types of ESD chairs.

VKG F-05 ESD glides for all chairs

A set of five ESD glides may be ordered for all types of ESD chairs and ESD stool.

P607A ESD casters for all chairs

A set of five black ESD casters may be ordered for all types of ESD chairs and ESD stool.

L607 A casters for all chairs

A set of five light-grey smudge free ESD casters may be ordered for all types of ESD chairs and ESD stool

STREAM 280-SY

- 5 Cm cold-foam seat and 3.5 Cm cold-foam backrest
- Seat height adjustment : 43 cm –54 cm
- Available in 2 colors (black and grey)
- Extra strong aluminum 5-star base provides 120 kg load capacity
- Available in both esd and technical versions

STREAM 280-SY ESD Armchair is designed especially for workplaces where antistatic environment is required. It also provides individually adjustable ergonomic sitting. 5 years warranty guaranteed.
Can be equipped with ESD glides, ESD casters, armrests, higher gaslift with foot ring. For safety reasons a model equipped with higher gaslift and foot ring available only with glides.
GS CERTIFICATE fulfills standards:
- DIN EN 1335-1:2002-08 + B1:2002-11
- DIN EN 1335-2:2010-01
- DIN EN 1335-3:2009-08
- DIN EN 13761:2002-12
ERGONOMIC CERTIFICATE

fulfills the standard:
- DIN EN ISO 9241-5:1999-088
TOX FREE CERTIFICATE polutant free:
- Cadmium
- PAK
- Formaldehyd
- Azodyes

Accessories for STREAM 280-SY

BR-207-1-CHR
Height-adjustable black nylon armrests, polypropylene arm pads.
- BR-AL-CHR-ESD — conductive type
- BR-207-1-CHR — insulating type

BR-AL-CHR-ESD

Aluminum armrests with fixed shape and height.

KJ/650-CHR

- Set of higher gaslift with foot ring
- Can be equipped with esd glides only
- Seat heigth 65–93 cm

Grounding and additional equipment

VKG A-9400 Connecting plug for grounding cables

White connecting plug for grounding cables with 1 MOhm resistor.

VKG A-3146 Grounding unit

Two 10 mm buttons ground wrist straps and devices via junction block.

VKG KH 4060, VKG KH 6090, VKG KH 12060 ESD mats

Fire-resistant and solder-resistant ESD mats. Supplied in a set with grounding cord and wrist strap.
- Antiglare matte surface
- Colors: blue, grey

CODE →	VKG KH 4060	VKG KH 6090	VKG KH 12060
Dimensions	400×600 mm	600×900 mm	1200×600 mm
Charge decay time	Less than 0,04 sec		
Typical resistance to ground	$10^5...10^9$ Ohm		

Antistatic Floor Mat TOROSTAT
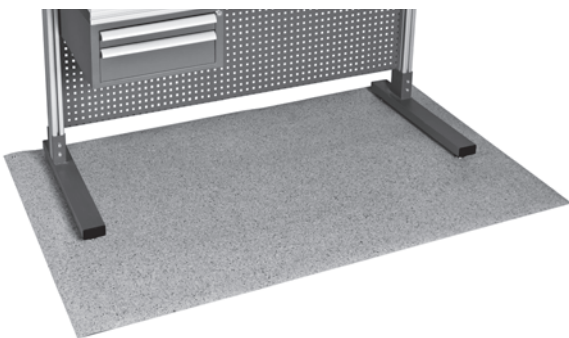
Double-layer anti-static floor mat 2.5 mm thick, abrasion resistant, sound-absorbing, non-flammable, thermally stable, dissipative top layer and conductive bottom layer: dripping time charge from 1000 V to 50 V in less than 0.5 seconds, the resistance of the ground — less than 100 MΩ, the combined resistance — less than 35 MΩ. Various dimensions: 150 mm×200 to 1000×10000 mm.

VKG G-01 Universal grounding unit

Universal grounding unit compatible with most popular wrist strap connections : banana plug, GSGS, 4, 4.5, 7 and 10 mm snaps.
- Grounds up to two single wrist straps
- 3 meter cord with eyelet
- No resistor

Should be mounted underneath tabletop and devices via junction block.

Wrist strap coil cords

1 MΩ resistor (Wrist strap connection side). Types of connections to fit most grounding systems worldwide. Female stud connections. Black color. Suitable to connect to a ground via VKG G-1

CODE	DESIGNATION	CORD LENGTH
30-560-0604	6' COIL CORD 4 mm / banana + crocodile clip	1.80 m
30-560-1004	12' COIL CORD 4 mm / banana + crocodile clip	3.00 m
30-560-0641	6' COIL CORD 4 mm / 10mm	1.80 m
30-560-0614	6' COIL CORD 4 mm / GSGS	1.80 m
30-560-0645	6' COIL CORD 4 mm / 4.5 mm	1.80 m
30-560-1014	10' COIL CORD 4 mm / GSGS	3.00 m

ESD Wrist straps

VKG A-2202 conductive fabric wrist strap with 4 mm button and a 4 mm to 10 mm buttons cord

VKG A-2202-0 conductive fabric wrist strap with 4 mm button

VKG A-2210 conductive metal wrist strap with 4 mm button and a 4 mm to 10 mm buttons cord

VKG A-2210-0 conductive metal wrist strap with 4 mm button

Fully automated turnstile system

1 – floor
2 – restrictive strip
3 – Shoes cleaning mat
4 – plate for shoes verification
5 – LED resistance indicator
6 – resistance tester
7 – turnstile
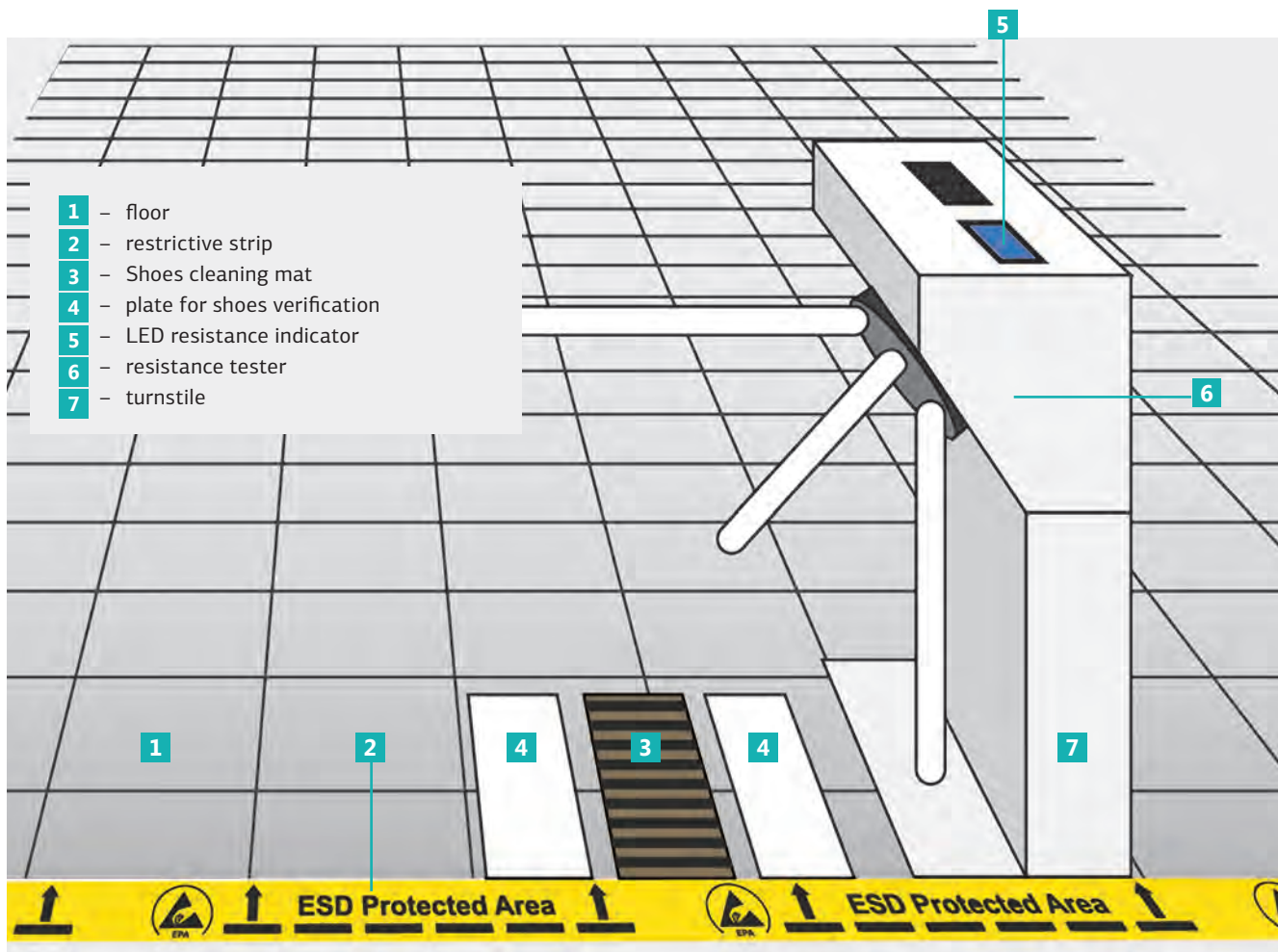
Fully automated turnstile system. For companies who need to ensure that the operators cannot enter the EPA unless their wrist straps and footwear are compliant every day.

The turnstile complies with ANSI/ESD S20/20 specification and ISO standards record keeping requirements.

This system tests operators quickly and automatically and will generate reports and e-mail results simultaneously to the ESD coordinator.

- Turnstile Dimensions: 42×33×98 cm (W×D×H)
- Clear passage width: 51 cm
- Weight: 30 kg
- Values indications: Red and green led, different for each kind of equipment
- Voltage measurement: Measurement under permanent voltage of 20V +/- 5%
- Warning: acoustic signal and green arrow/red no entry logos
- Material: stainless steel Shoes electrodes
- Dimensions: 36×36 cm (L×W)
- Weight: 2.15 kg
- Features: Electrodes left foot and right foot
- Compliant with: RoHS Directive
    - 2006/95/CE Directive — low voltage
    - 2004/108/CE Directive — electromagnetic compatibility IEC 61340-5-1.
- 2 versions:
    - Automated turnstile system with footwear and wrist straps testers (61-200-3103).
    - "HIGH RANGE" automated turnstile system with card reader, footwear and wrist straps testers (61-200-3106).

59

ESD garments

ESD garments shield external objects from electrostatic discharge, which is generated on internal garments by friction.

VA Unisex Shortcut lab coat

VAE-M Men's lab coat, VAE-W Women's lab coat

- Machine washable at 60 °C
- At least 50 washing cycles without losing ESD characteristics
- Charge decay time: < 0.17 s
- Composition:
  - 66% polyester
  - 33% cotton
  - 1% conductive fibers
  - Colors:
    - white
    - blue
    - grey

- Machine washable at 60 °C
- At least 50 washing cycles without losing ESD characteristics
- Charge decay time: < 0.17 s
- Composition:
  - 66% polyester
  - 33% cotton
  - 1% conductive fibers

VH-01 Antistatic bandana

Material:

- 66% polyester
- 33% cotton
- 1 % conductive fibers

Colors:

- blue
- white
- grey
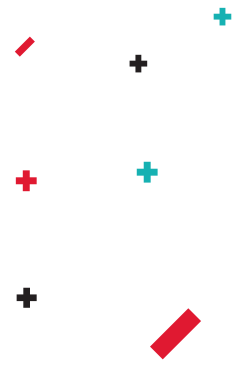
When ordering, mention necessary height (152-194 mm) and size (EUR 34-54).

VAK-M Men's costume, VAK-W Women's costume

VAT-W Women's trousers VAT-M men's trousers

- Machine washable at 60 °C
- At least 50 washing cycles without losing ESD characteristics
- Charge decay time: < 0.17 s
- Composition:
  - 66% polyester
  - 33% cotton
  - 1% conductive fibers
  - Colors:
    - white, blue, grey
    - white and blue combined
    - white and grey combined

- Machine washable at 60 °C
- At least 50 washing cycles without losing ESD characteristics
- Charge decay time: < 0,17 s
- Composition:
  - 66% polyester
  - 33% cotton
  - 1% conductive fibers
  - Colors:
    - white
    - blue
    - grey

VH-02 Antistatic cap

Material:

- 66% polyester
- 33% cotton
- 1% conductive fibers

Colors:

- blue
- white
- grey

Elastic band

Sizes:

- 54–62

Cleanroom garments and accessories

Cleanroom Labcoats

Coats are intended for use in cleanrooms up to ISO Class 5 category.

- Surface resistance 10^6-10^9 Ω.
- Durability — up to 80 washes at 60°C.
- Material: Polyester.
- Colors: white and blue.
- Sizes: S, M, L, XL, XXL, XXXL.

CODE	SIZE	COLOR
51-400-0001	S	White
51-400-0002	M	White
51-400-0003	L	White
51-400-0004	XL	White
51-400-0005	XXL	White
51-400-0006	XXXL	White
51-400-0101	S	Blue
51-400-0102	M	Blue
51-400-0103	L	Blue
51-400-0104	XL	Blue
51-400-0105	XXL	Blue
51-400-0106	XXXL	Blue

Cleanroom Jumpsuits

Jumpsuits are intended for use in cleanrooms up to ISO Class 5 category

- Surface resistance 10^6-10^9 Ω.
- Durability — up to 80 washes at 60°C.
- Material: Polyester.
- Colors: white and blue.
- Sizes: S, M, L, XL, XXL, XXXL.

CODE	SIZE	COLOR
51-400-0201	S	White
51-400-0202	M	White
51-400-0203	L	White
51-400-0204	XL	White
51-400-0205	XXL	White
51-400-0206	XXXL	White
51-400-0301	S	Blue
51-400-0302	M	Blue
51-400-0303	L	Blue
51-400-0304	XL	Blue
51-400-0305	XXL	Blue
51-400-0306	XXXL	Blue

Cleanroom Boots

Boots are intended for use in cleanrooms up to ISO Class 5 category.

- Resistance to ground $<3,5 \times 10^7$ Ω
- Materials:
  - Top: Micro Fibre Synthetic PU;
  - Sole: Static Dissipative PU;
  - Fabric: Static Dissipative Polyester
- Washable
- Color: white

CODE	SIZE
50-530-0035	35
50-530-0036	36
50-530-0037	37
50-530-0038	38
50-530-0039	39
50-530-0040	40
50-530-0041	41
50-530-0042	42
50-530-0043	43
50-530-0044	44
50-530-0045	45
50-530-0046	46

Disposable Labcoats

Disposable labcoats are intended for use in cleanrooms up to ISO Class 6 category.

- Material: SMS (Spunbonded Meltblown Spunbonded), Density: 60 g/sqm, closed with plastic studs, 3 pockets
- Non-washable.
- Color: white
- Sizes: L, XL, XXL

CODE	SIZE
52-100-4203	L
52-100-4204	XL
52-100-4205	XXL

Cleanroom Gloves

Hypoallergenic gloves for cleanrooms, available in lengths of 23 cm and 30 cm, intended for use in cleanrooms up to ISO Class 5 category.

- Material: Nitrile
- Surface resistance: $< 10^{11}\ \Omega$
- Sizes: S, M, L

CODE	SIZE	LENGTH	PACKAGE QTY.
51-690-0701	S	23 cm	10
51-690-0702	M	23 cm	10
51-690-0703	L	23 cm	10
51-690-0704	S	30 cm	10
51-690-0705	M	30 cm	10
51-690-0706	L	30 cm	10

Disposable Hat

Disposable hats are intended for use in cleanrooms up to ISO Class 5 category.

- Material: SMS (Spunbonded Meltblown Spunbonded), Density: 20 g/sqm.
- Non-washable.
- Color: white

CODE	PACKAGE QTY
52-100-0001	100

Face Mask

Masks are intended for use in cleanrooms up to ISO Class 5 category.

- Material: three-layer polypropylene
- Color: white

CODE	SIZE	PACKAGE QTY.
52-000-0060	N/A	100

Cleanroom Overshoes

Overshoes are intended for use in cleanrooms up to ISO Class 5 category

- Material: SMS (Spunbonded Meltblown Spunbonded), Density: 50 g/sqm.
- Color: white

CODE	SIZE	PACKAGE QTY.
52-100-0014	N/A	100

Purex Fume extraction systems

The soldering process itself can produce some harmful fumes. These fumes can cause occupational asthma, long-term carcinogenic diseases and other serious complaints. The result of these illnesses can be expensive compensation claims from employees, long-term sickness and poor employee relations, plus heavy penalties from enforcement agencies.

Purex fume extraction systems are designed in conjunction with some of the world's largest Contract Electronics Manufactures and Equipment Providers to help:

- Prevent damage to production machinery.
- Reduce downtime for cleaning and maintenance.
- Protect personnel from harmful fumes.
- Reduce product rejects due to poor production performance.
- Maintain a constant extraction rate to ensure stable temperature profiles.
- Deliver long filter life.
- Interface with the production equipment.

Fume Cube line units are used for:

- Soldering assembly
- Gluing and chemical treatments
- Laboratory/cleanroom tasks
- Rework and repair

The FumeCubeLITE is a low cost, portable system for one or two users, Fume Cube and Fume Cube 2 are more sophisticated and functional arm extraction and purification systems, which are used to protect personnel from hazardous particles and fumes.

System Features:

- Precision made from stainless steel
- Low capital and running costs
- Quick change pre-filters deliver longer filter life
- Submicronic (HEPA) filtration removes 99.997% of particles down to 0.3 microns
- Activated carbon filtration removes harmful gas
- Simple to install and quiet in operation
- Easy to relocate
- Optional interfacing option
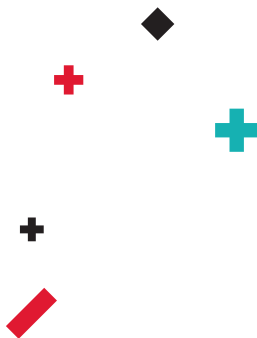
TECHNICAL FEATURES:	
Voltage (V)	230 (120)
Frequency (Hz)	50/60
Wattage (kW)	0.14 (0.107)
ON/OFF switch	On rear
Power cable	2 m
Noise intensity, dBA	60
Dimensions (mm):	308×294×366

	FUMECUBE^{LITE}	FUMECUBE	FUMECUBE 2
	1	**2**	**3**
CODE	072100	072066	072065
Number of arms	1 or 2	1	2
Filters pre-installed	Pre filter pad + main HEPA/Chemical filter		
Warning system	—	VariColour filter blocked warning system	
Airflow	Fixed airflow — 190m³/hr in free air	Automatic flow control and speed control (adjustable airflow)	
Arm kit	One or 2 pieces of 100294, 100295 or 100295 ESD kits should be ordered separately		

100294 Kit

100295 Kit

OPTIONAL ACCESSORIES:	
	ORDERING CODE
TYPE OF ACCESSORIES	
Remote ON/OFF switch	TBA
FLEXIBLE ARM KIT with Screw Bracket without Conical cowl and Pen-nib nozzle	100294
FLEXIBLE ARM KIT with Clamp Bracket	100295
FLEXIBLE ARM KIT– ESD Version with Clamp Bracket	100295 ESD
Cleanroom filters	110538
Chemical filters	110537
Double chemical filters	110536

Wide range of fume extractors for laser engraving, tip extractions, reflow or wave soldering up to 36 arms, 50 iron tips and over 3000 m³/hr is available. Ask us for more details.

ESD storage and packaging
Standardized ESD trays for boards and components storage

1

2
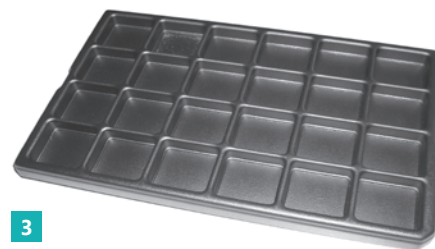
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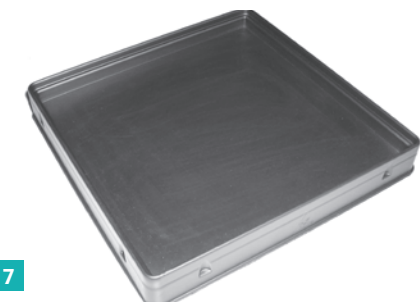
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8
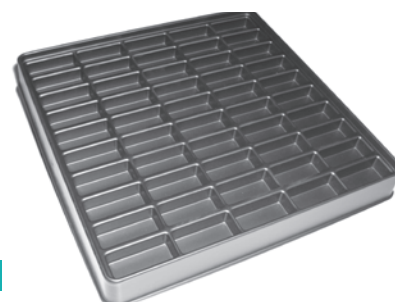
9

10

ESD trays are used for storage, transport and packaging of boards, components and finished units of electronic assembly. Made of conductive carbon-loaded PS — dissipative material resistance ≤ 10^4 Ω. Color — black.

Nr	CODE	DIMENSIONS	THICKNESS	NUMBER OF CELLS	DIMENSIONS OF EACH CELL
1	24-204-0650	330×250×50 mm	3,0 mm	12	66×56 mm
2	24-204-1486	294×194×20 mm	1,8 mm	15	30×75 mm
3	24-204-2273	350×225×20 mm	3,0 mm	24	44,57×46,86 mm
4	24-204-2274	350×225×20 mm	3,0 mm	6	101×98 mm
5	24-204-2531	350×225×20 mm	3,0 mm	6	48×208 mm
6	24-204-2532	350×225×20 mm	3,0 mm	12	97,2×45,9 mm
7	24-204-2819	210×210×24 mm	1,2 mm	1	192×192 mm
8	24-204-2820	210×210×24 mm	0,8 mm	25	36×36 mm
9	24-204-2821	210×210×24 mm	0,8 mm	50	36×15 mm
10	24-204-4526	295×120×60 mm	1,5 mm	1	100×275 mm

Antistatic storage

COCIS antistatic bins

Conductive ESD bins are used for small components and tools storage. Made of antistatic polypropylene. Can be easily attached to bin rails or fitted for free standing on a grounded surface. Bins of equal width can be stacked on one another.

CODE	OUTER DIMENSIONS	INNER DIMENSIONS
COCIS-A	107x98x47 mm	92x83x42 mm
COCIS-B	170x105x75 mm	130x93x68 mm
COCIS-C	250x150x130 mm	185x135x122 mm
COCIS-E	350x230x150 mm	265x206x140 mm

Conductive Polypropylene Containers
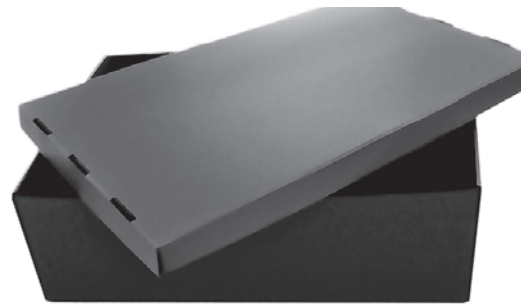
- Thickness — 2,5 mm
- Delivered unassembled
- Apertures for easy carrying on each side

CODE - BOX	CODE - LID	OUTER DIMENSIONS (MM)
23-175-7108	23-175-7110	400 × 300 × 180
23-175-7109	23-175-7110	400 × 300 × 228
23-175-7104	23-175-7106	600 × 400 × 180
23-175-7105	23-175-7106	600 × 400 × 228

Modular ESD trays
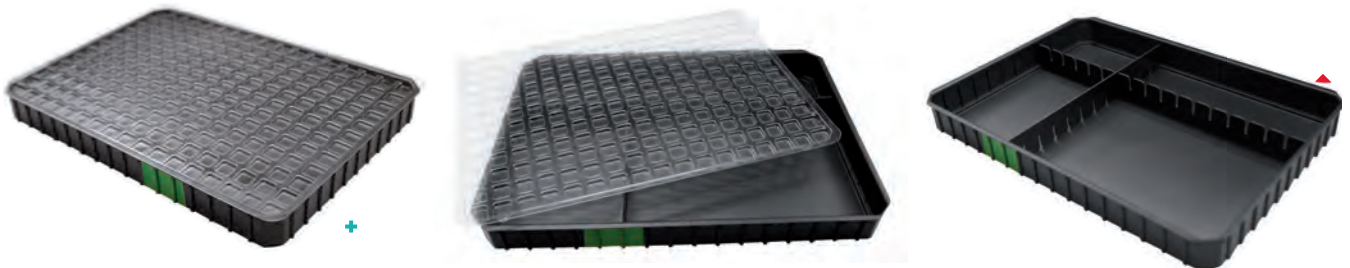
Standard range of trays with a set of modular dividers. This new item will reply to various need for convenient storing and transporting small PCB's on sensitive components.

Stackable tray for components storage with transparent lid and removable dividers that should be ordered separately. Lid and dividers are clipped on the tray.

The system with dividers provides the possibility to organize 2 to 204 cells for components storage. Minimum size of the cell is 15x15 mm

TYPE OF UNIT	ESD TRAY FOR PCB'S	TRANSPARENT LID FOR THE TRAY	SHORT DIVIDERS (11 NOTCHES)	LONG DIVIDERS (15 NOTCHES)
Code	24-401-9428	24-213-9429	23-177-9431	23-177-9430
Material	Dissipative PS	Clear APET	Conductive PS	Conductive PS
Thickness, mm	1,5	0,8	1,8	1,8
Dimensions, mm	355×255×36	355×255×5	247×2×30	347×2×30

Useful height of the tray with lid — 28 mm

ESD storage and packaging

ESD magazines
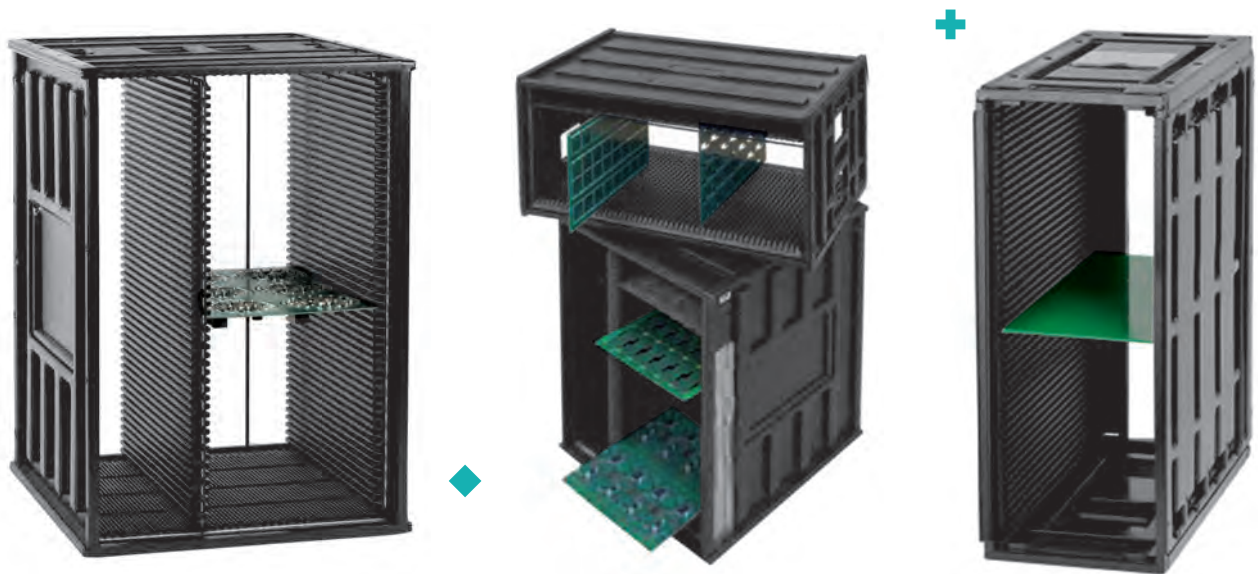
- Vertical pitch 10 mm
- Width adjustable by 5 mm pitch
- Strong construction from thermoformed plastic with metal reinforcement
- Light in weight and extremely rigid
- Assembled using rivets and ultrasonic welding

| PS magazines |

Extra partitions and lids available on request.

- Each groove is numbered
- Each magazine is delivered with a partition

2 versions available:
- PS for a 60°C heat resistance
- ABS/PC for 110°C heat resistance

| ABS/PC magazines |

Extra partitions and lids available on request.

CODE			
	DIMENSIONS	PCB	CODES FOR ADJUSTABLE PLATES
22-150-0943	320×350×560	247	97-001-0003
22-150-1154	370×370×560	297	97-001-0003
22-150-1187	400×425×560	327	97-001-0001
22-150-0817	420×460×560	357	97-001-0001
22-150-0891	450×425×560	377	97-001-0007
22-150-1083	470×480×560	397	97-001-0007

CODE			
	DIMENSIONS	PCB	CODES FOR ADJUSTABLE PLATES
22-151-0943	320×350×560	247	97-011-0005
22-151-1154	370×370×560	297	97-011-0005
22-151-1187	400×425×560	327	97-011-0001
22-151-0817	420×460×560	357	97-011-0001
22-151-0891	450×425×560	377	97-011-0003
22-151-1083	470×480×560	397	97-011-0003

Customized trays for boards and components storage

1 Customized packaging and shipping trays for PCB and components handling

Customized packaging and shipping trays are developed to specific customer needs and requirements to handle most PCB's and ESSD's. The complete process is controlled — the mold design and manufacturing and sheet extrusion production.

If we do not have a standard or common tray to suit your needs, if you require 100 off or 100 000 off. Speak to our technical sales team.

Quickfill Magazine

Quickfill magazines meet standard dimensions most frequently used on automated lines. Strong injection molded construction with metal reinforcement (top and bottom). Standardized plate that fits most popular brands on the market.

- Not subject to accidental change in width; no wear of moving parts
- Partition made of assembled plastic parts
- This system provides a better dimensional stability when strong temperature variations
- Meant for 50 PCB's

Material: Conductive PS (60°C heat resistance) or ABS/PC (110°C heat resistance) for plastic parts, galvanized Iron for metal parts.

CODE	DIMENSIONS	MATERIAL VERSION	MIN./MAX. PCB SIZE
22-152-3060	460×400×563		50/300
22-152-4060	355×320×563		50/250
22-152-6060	460×400×563	PS	100/310
22-152-7060	535×460×570		50/390
22-152-8060	535×530×570		120/460
22-152-1120	460×400×563		50/300
22-152-2120	355×320×563	ABS/PC	50/250
22-152-3020	535×460×570		50/390

2 Customized foam inserts

Customized foam inserts are made to order per customer specification, using conductive or dissipative antistatic foam —thickness 3–12 mm and a density 24–45 Kg/m³.

ESD storage and packaging

ESD packaging

Black Conductive Tubing

- Complies with: 61340-5-1, 94/62/EC, 2002/95/EC
- Surface resistance: $<10^5$ Ω
- Thickness: 100μ (± 10%)

CODE	DIMENSIONS (m)
20-851-0005	0.076×152
20-851-0010	0.102×152

Non-standard dimensions available.

Pink Dissipative Tubing

- Complies with: 61340-5-1, 94/62/EC, 2002/95/EC
- Surface resistance: $<10^{12}$ Ω
- Thickness: 90μ (±10%)
- Decay Time: from 1000V to 100V < 2 c
- Shelf life: 2 years

CODE	DIMENSIONS (m)
20-031-0005	0.1×250
20-031-0015	0.15×250
20-031-0020	0.2×250
20-031-0025	0.25×250
20-031-0030	0.3×250
20-031-0035	0.4×250
20-031-0040	0.5×250

Non-standard dimensions available

Dissipative Foam

CODE	DIMENSIONS (mm)
26-403-0025	355×255×3
26-403-0008	555×355×3
26-412-0006	355×255×12
26-412-0005	555×355×12
26-406-0001	355×255×6
26-406-0002	555×355×6

Dissipative foam used in packaging to protect an object from mechanical damage. It also improves the shielding characteristics of the packaging.

ESD cardboard boxes

Conductive coating and ESD marking. Non-standard dimensions available.

ESD boxes with pink PU foam

1 Static shielding and physical protection for small components
2 Static shielding and physical protection for PCBs

Supplied with pink PU flat foam on bottom and under lid.

CODE	DIMENSIONS (mm)
25-402-0105	40×40×15
25-402-0110	60×60×25
25-402-0115	100×100×38
25-402-0120	135×50×20
25-402-0205	178×127×38
25-402-0210	229×191×38
25-402-0215	229×191×64
25-402-0220	267×216×64
25-402-0225	318×267×64
25-402-0230	394×318×64
25-402-0235	521×394×38
25-402-0240	521×394×64

ESD boxes with black PU foam

Static field alternative and physical protection for shipping Microchips EPROMS/SIMMS.

Supplied with rigid foam on bottom.

CODE	DIMENSIONS (mm)
25-402-0005	90×30×15
25-402-0010	100×60×15
25-402-0015	120×100×15
25-402-0020	140×40×15
25-402-0025	160×80×15

	Dimensions of the product/module
	Link to additional information about the product
	Load capacity of the product/module
	Weight of the product/module
	Possible height adjustment of the working surface
	Maximum impermanent temperature impact
	The product/module is available in ESD version
	The product/module is available in Technical version
	The product/module is available in dark grey RAL 7012 color
	The product/module is available in light grey RAL 7035 color
	The product/module is bicolored by default and available in combination of dark grey RAL 7012 and light grey RAL 7035 colors
	The product/module is bicolored by default and available in combination of light grey RAL 7035 and turquoise RAL 5021 colors
	The product/module is multicolored by default and available in combination of black RAL 9005, white RAL 9010 and turquoise RAL 5021 colors
	The product/module is available in black RAL 9005
	The product/module is available in white RAL 9010
	The product is cleanroom suitable

Technical & ESD furniture
Antistatic equipment