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 Custom configuration

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 Custom configuration

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The POLAK CZ company is a purely Czech manufacturer of WORKSHOP FURNITURE and PREFABRICATED HALLS. Modern manufacturing premises built according to the latest requirements for flexibility and efficiency of manufacture ensure the maximum quality of our products. The quality of this brand is guaranteed by robotization and the up-to-date technologies used. The company takes pride in its role as one of the leading Czech industrial companies in the area of workshop furniture manufacture. Each product of the POLAK trade mark emerges from modern manufacturing premises built with respect to environmental protection.

Complete customer service and technical advice are naturally part of the support we provide to users of our furniture, which is easily available thanks to our extensive sales network. We will be glad to prove to you that our products will be of assistance in your work.



**POLAK workshop furniture**

- represents a system which will enable you to grow, promptly and effectively respond to instantaneous operational needs, and create combinations based on a modular concept
- represents high utility value, modern and user-friendly design
- represents quality and long service life
- represents the continuous activity of our design team in the process of innovation and development



**The POLAK trademark**

- is here for your workshop or plant. It will bring order to your operations and storage, and streamline your work
- is here to help professionals in their everyday work via products that come in a wide range of types and versions
- is here for every professional who places stress on working environment quality and who needs to select a system that includes many sizes of bodies, drawers, cabinets, storage systems and colours

■ ■ ■ exactly for you

## Electronic locks of drawer cabinets

The electronic locks designed for direct access to drawer cabinets without a key are developed and manufactured by the POLAK company. The plastic components of the locks are not ESD conductive. Power supply is ensured by common 4 x AA batteries. The service life of the recommended batteries is up to 50,000 locking cycles. Optical indication of discharged batteries. For detailed instructions, see [www.smfu.eu](http://www.smfu.eu).



### Code lock

These electronic locks for unlocking drawer cabinets by means of a numeric code are equipped with a full-fledged keyboard with capacitive control. Unlocking by a five-character custom code and subsequent rotation of the knob. Locking by returning the knob to the original position. User comfort supported by visual and sound indication.

Every lock enables up to 5 predefined codes to be saved = up to 5 users of a single lock.

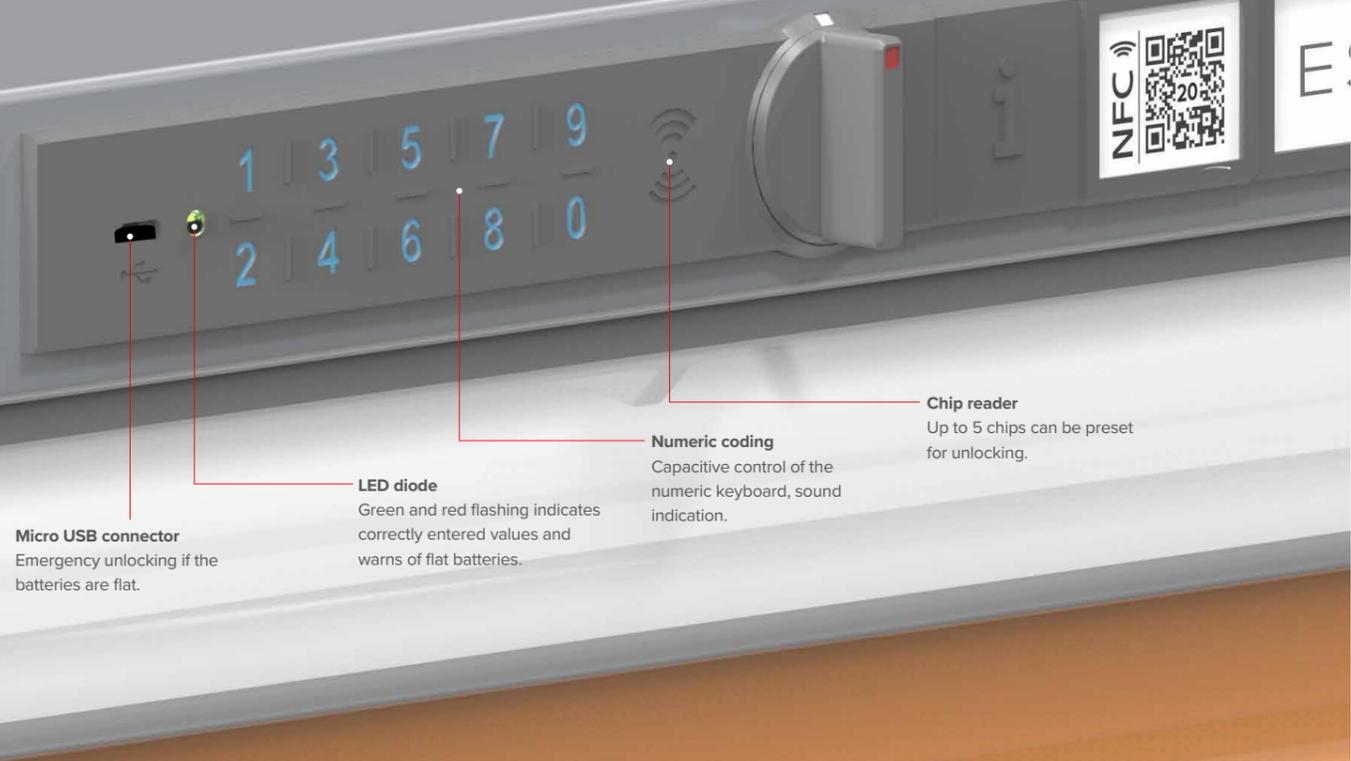
The manufacturer's general code  
The user master code is preset by the manufacturer; the user can change this master code.

### Chip lock

These electronic locks for unlocking by means of wireless technology are equipped with an integrated RFID chip, light and sound indication. The lock can be unlocked by merely placing the chip with subsequent rotation of the knob. It is locked by returning the knob to the original position. The user can preset up to 5 chips. Cannot be unlocked by a code. The chip lock delivery includes one chip.

### Spare chip

Order number	CHIP



**Micro USB connector**  
Emergency unlocking if the batteries are flat.

**LED diode**  
Green and red flashing indicates correctly entered values and warns of flat batteries.

**Numeric coding**  
Capacitive control of the numeric keyboard, sound indication.

**Chip reader**  
Up to 5 chips can be preset for unlocking.

## Key locking

By default, all products of workshop furniture and clothes lockers are equipped with cylindrical locks; each lock is delivered with two keys.



### Individual keys

The work benches and/or drawer cabinets are delivered with a single key system, with which you can unlock even several locks in the same product. However, you have a separate key for every product.

### Common key

Optionally, the original lock design can enable you to open several locks in various workshop furniture products with a single master key. Thus, a worker can unlock a work cabinet, mobile container and drawer cabinet with a single key.



### Two-point locking

All double-wing doors are equipped with the original POLAK two-point locking system. All parts are made of high-strength plastic with glass content, providing quiet locking and opening of the door. The plastic lock body is not ESD conductive.



### Single-point locking

The original POLAK plastic handle is a necessary part of every lock with a single-point latch. The single-point locked door is equipped with a spring arrest mechanism to prevent self-opening of the door in the unlocked state. The plastic lock body is not ESD conductive.

- ⊕ ESD (electrostatic discharge) is an abbreviation for the electrostatic discharge which occurs between two objects with different electric potential
- ⊕ In technology, it is primarily a problem of electronic components, and of integrated circuits in particular, in which the circuit can be destroyed even in an imperceptible moment by merely touching another object with a different potential, which for the integrated circuits may also be a person.
- ⊕ Electrostatic discharge can cause unnoticeable damage to electronic components, which can result in product faults and subsequent losses or high costs.

- ⊕ For protection against electrostatic discharge, we manufacture workshop furniture and other products generally designated with the ESD abbreviation.
- ⊕ In cooperation with the SMtronic s.r.o., company, the ESD POLAK program offers complex customer service, guaranteed professional services and the delivery of top products.
- ⊕ We can ensure professional consultancy, ESD design of dedicated areas, analysis of materials in conformity with ESD standards, certification and measuring of EPA workplaces.



## EPA workplaces

The abbreviation EPA (electrostatic discharge protected area) designates workplaces which are permanently safe for handling components sensitive to static electricity.

They are composed of ESD (antistatic) components which maintain electrostatic fields and voltages at a negligibly low level, thus eliminating the risk of damage to these components.

According to the work characteristics and required degree of protection, the workplace can be conceived on the basis of the below indicated variants. Unconditionally, however, the EPA area must have clearly defined boundaries so that it is evident when one enters the safe zone and when one leaves it.

### Variants of EPA workplaces



Variant 1

- ① ESD workbench pad  
synthetic rubber, resistant to solder and heat, all-volume conductivity
- ② ESD band  
protecting the user against electric shock
- ③ Workbench  
without ESD adaptations
- ④ Work chair  
without ESD adaptations
- ⑤ Surrounding area  
without adaptations for ESD

Variant 2

- ① ESD pad under workplace  
synthetic rubber, slip-resistant, all-volume conductivity
- ② ESD band  
protecting the user against electric shock
- ③ Workbench  
ESD design, special varnish, antistatic worktop, earthing points
- ④ Work chair  
ESD design
- ⑤ Surrounding area  
without adaptations for ESD



Variant 3

- ① Workbench  
ESD design, special varnish, antistatic worktop, earthing points
- ② ESD band  
protecting the user against electric shock
- ③ Extension incl. accessories  
ESD design, special varnish, earthing points
- ④ Work chair  
without ESD adaptations
- ⑤ Surrounding area  
without adaptations for ESD



Variant 4

- ① Ergonomic workplace incl. accessories  
ESD design, special varnish, antistatic worktop, earthing points
- ② ESD band  
protecting the user against electric shock
- ③ Mobile frame  
ESD design, special varnish, earthing points, conductive castors
- ④ Work chair  
ESD design
- ⑤ Surrounding area  
adapted for ESD
- ⑥ Workshop furniture  
ESD design, special varnish, earthing points, conductive castors





ESD workshop furniture

SK, UK workshop cabinets  
page 61

RAL 1028 and 7016 colour scheme – antistatic varnish, equipped with earthing points, SK, UK cabinet variants, solid and glass doors offered, including accessories (perforated panels, drawers, varnished shelves, hanging program)

workbench extensions  
page 27

RAL 1028 and 7016 colour scheme – antistatic varnish, column extensions or box extensions with roller-shutter offered, including accessories (perforated panels, varnished shelves, hanging program, arm, electrical accessories)

drawer cabinets  
page 13

RAL 1028 and 7016 colour scheme – antistatic varnish, equipped with earthing points, 12 housing ground plans in several heights, drawers in several sizes and doors offered, including accessories (elevated edge, base, varnished shelf)

plastic accessories  
page 31

made from antistatic plastic, various variants of plastic partition in several sizes offered (dissipative).

ergonomic workplaces  
page 37

RAL 1028 and 7016 colour scheme – antistatic varnish, equipped with earthing points, various design variants offered, including accessories



KOMBI workbenches  
page 23

RAL 1028 and 7016 colour scheme – antistatic varnish, equipped with earthing points, antistatic worktop th. 38 mm, various design variants offered, including accessories

mobile containers  
page 16

RAL 1028 and 7016 colour scheme – antistatic varnish, equipped with earthing points, conductive castors, various design variants offered, including accessories

work chair

dissipating static charge from a sitting person if used together with a conductive floor or mats supplied by a contractual trading partner

mobile frames  
page 49

RAL 1028 and 7016 colour scheme – antistatic varnish, equipped with earthing points, conductive castors, various design variants offered, including accessories

## Drawer cabinets





## ESD drawer cabinets

The antistatic drawer cabinets are based on the wide program of POLAK workshop drawer cabinets and offer a series of eight ground plans. In the ESD variant, metal parts are provided with antistatic powder coating and earthing points. Tiny plastic parts, such as lock bodies, handles, plugs and labels, are not ESD conductive. The drawer partition system includes metal partition, ESD plastic cards and troughs. If necessary, drawer bottoms can be provided with an antistatic rubber pad. Drawer cabinets fulfil the requirements of the ČSN EN 61340-5-1 (IEC 61340-5-1:2016) standard.



**Basic colour scheme**  
Unless a required colour is specified in the order, the colour scheme of RAL 7016 for the housing and RAL 1028 for the drawers (door) is used. The colour scheme can only be changed in the combination of RAL 7016 and RAL 1028.



- 1** ESD colour scheme  
Products are provided with antistatic RAL 7016 and RAL 1028 paints, which can be mutually combined.
- 2** plastic drawer partition  
Made from antistatic plastic (dissipative); choose a suitable variant on page 31
- 3** plastic components  
Tiny plastic parts, such as lock bodies, handles, labels and plugs, are not ESD conductive
- 4** shelf  
Within the ESD program, shelves are provided with antistatic paint
- 5** antistatic treatment  
The drawer cabinet is equipped with earthing points and interconnected components to ensure conductivity
- 6** accessories  
The drawer cabinets can be equipped with a wide variety of accessories, such as a base facilitating handling



## Standard configuration

Height 390 mm



Order number	Locking
ZA39-2ESD	cylindrical lock
ZA39-2CESD	code lock
ZA39-2FESD	chip lock

Size 578 x 600 x 390 mm  
2 drawers  
34 kg

Height 840 mm



Order number	Locking
ZA84-2ESD	cylindrical lock

Size 578 x 600 x 840 mm  
2 drawers, door, 1 shelf  
48 kg

Mobile containers



Order number	Locking
ZAM39-1ESD	cylindrical lock

Size 578 x 600 x 785 mm  
rubber pad, 3 drawers  
2 castors KN 100 mm  
2 castors KNOB 100 mm  
53 kg

Height 990 mm



Order number	Locking
ZA99-5ESD	cylindrical lock
ZA99-5CESD	code lock
ZA99-5FESD	chip lock

Size 578 x 600 x 990 mm  
8 drawers  
94 kg



Order number	Locking
ZA84-5ESD	cylindrical lock
ZA84-5CESD	code lock
ZA84-5FESD	chip lock

Size 578 x 600 x 840 mm  
7 drawers  
82 kg



Order number	Locking
ZAM59-1ESD	cylindrical lock

Size 578 x 600 x 785 mm  
rubber pad, 3 drawers  
2 castors KN 100 mm  
2 castors KNOB 100 mm  
60 kg

Height 1215 mm



Order number	Locking
ZA120-5ESD	cylindrical lock
ZA120-5CESD	code lock
ZA120-5FESD	chip lock

Size 578 x 600 x 1215 mm  
10 drawers  
116 kg



Order number	Locking
ZA84-6ESD	cylindrical lock
ZA84-6CESD	code lock
ZA84-6FESD	chip lock

Size 578 x 600 x 840 mm  
5 drawers  
69 kg



Order number	Locking
ZAM59-2ESD	cylindrical lock

Size 578 x 600 x 785 mm  
rubber pad, 4 drawers  
2 castors KN 100 mm  
2 castors KNOB 100 mm  
64 kg



## Custom configuration

### How to assemble your own drawer cabinet configuration

- Select the size of the drawer cabinet housing.
- Select the number of drawers so that the total of the drawer front (or door) heights A equals the housing clearance height S.
- Select the colour of the housing and drawers (RAL 7016 and RAL 1028 selectable).
- Select accessories.
- Select the drawer partition.



### 1 Dimensions of the drawer cabinet housing

Choose a suitable housing size according to your needs. The offer includes 8 ground plans, each of them in 8 heights.

Dimension H = total height of the housing  
Dimension S = housing clearance height

#### Locking

By default, the housing is equipped with a cylindrical lock. You can choose a code lock (order number + "C") or chip lock (order number + "F"). In this case, remember to add the pertinent letter after the order code of the selected housing.

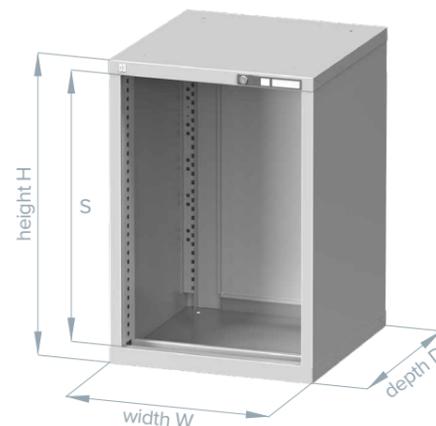
**!** If a housing with a code or chip lock is ordered, this housing can only be equipped with drawers – the housing cannot be combined with doors.

#### Housing ground plans:

Type	W x D mm
ZA 27 x 27D	578 x 600
ZB 36 x 36D	731 x 753
ZC 45 x 27D	1037 x 600
ZD 36 x 27D	731 x 600
ZE 27 x 36D	578 x 753
ZL 19 x 27D	442 x 600
ZP 36 x 19D	731 x 464
ZR 45 x 19D	884 x 464

#### Housing heights:

Dimension H mm	Dimension S mm
190 *	100 *
390	300
590	500
690	600
740	650
840	750
990	900
1215	1125
1415	1325



\* The 190mm housing height is only available for the ZA 27 x 27D ground plan and is intended for hanging under the workbench.

### 2 Drawers

Select the composition of drawers / doors for the drawer cabinet. The housing clearance height S must be equal to the sum total of faces A of the selected drawers, or doors. We recommend you subtract the face heights A one by one from the value S. The drawer dimension designated C defines the side height, which is important for selection of the metal drawer partition.

7 drawer heights are available for all of the offered housings. Within the ESD program, drawers are only available with partial extension. It is a quality mechanism on ball bearings with a loading capacity of 70 kg and 88 % extension.

#### Drawer safety catch (order number + "P")

Safety element preventing self-opening of the drawer. It is included in mobile products by default. In the case of your own drawer cabinet configuration, enter the letter "P" after the order number of the selected drawer.

#### Drawer heights:



### 3 Door / door with sill

If you choose a cabinet with doors only, the housing clearance height dimension S must be equal to the door height. If drawers are combined with doors, the housing clearance height dimension S must be equal to the door with sill height plus the sum total of the selected drawer faces A. For combination with drawers, always use the door with a sill; the door without a sill cannot be combined with drawers.

The offer includes doors or doors with a sill of 4 heights. For wide housings, the doors are supplied in the hinged-door design.

**Set example**  
Housing: **ZCK84ESD** (S= 750 mm)

Drawers: **ZCE75ESD** (A = 75 mm)  
**ZCE125ESD** (A = 125 mm)

Door with sill: **DP54-550ESD** (550 mm)



**!** Tiny plastic parts, such as lock bodies, handles, labels and plugs, are not ESD conductive.

### 4 Accessories



#### Internal shelf

Loading capacity: 50 kg; height-adjustable by 50 mm thanks to perforations. Provided with ESD RAL 7016 or RAL 1028 paint.



#### Elevated edge

Three-sided sheet edge, 20mm height, with freely laid rubber pad. Cannot be ordered additionally.



#### Set for mobile containers

elevated sheet edge with rubber pad, 1 pair of handles, 2 castors ø 100 mm, 2 castors with brake ø 100 mm. For safety reasons, the set cannot be fixed to the ZP and ZR housings. Cannot be ordered additionally; we recommend that the drawers be equipped with a safety catch.



#### Base

Height: 100 mm, 2 detachable faces included.

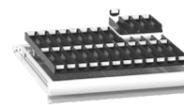


#### Drawer partition - boxes

Manufactured in ground plan dimensions of 150 x 150 mm and three heights from antistatic plastic (ABS dissipative).



For a suitable metal partition of drawers, see page 35.



#### Drawer partition - troughs

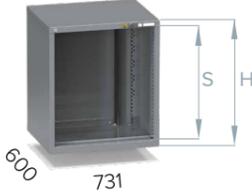
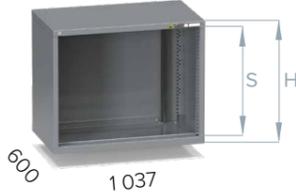
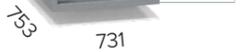
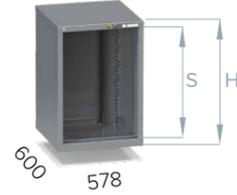
Manufactured in ground plan dimensions of 150 x 150 mm and three widths from antistatic plastic (ABS dissipative).



**Chip lock (code + F)**  
If you choose chip locking, add the letter "F" after the order number of the selected housing.



**Code lock (code + C)**  
If you choose code locking, add the letter "C" after the order number of the selected housing.



ZA 27 x 27D	ESD housing			ESD drawers			ESD door		ESD door with sill	
	S mm	H mm	Order number	A mm	C mm	Order number	Height mm	Order number	Height mm	Order number
	100	190	ZAK19ESD	75	50	ZAE75ESD	500	D27-500ESD	500 + 50 sill	DP27-550ESD
	300	390	ZAK39ESD	100	75	ZAE100ESD	600	D27-600ESD	600 + 50 sill	DP27-650ESD
	500	590	ZAK59ESD	125	75	ZAE125ESD				
	600	690	ZAK69ESD	150	125	ZAE150ESD	650	D27-650ESD	650 + 50 sill	DP27-700ESD
	750	840	ZAK84ESD	200	175	ZAE200ESD				
	900	990	ZAK99ESD	250	175	ZAE250ESD	750	D27-750ESD	750 + 50 sill	DP27-800ESD
	1125	1215	ZAK120ESD	300	275	ZAE300ESD				
	1325	1415	ZAK140ESD							
ZB 36 x 36D	S mm	H mm	Order number	A mm	C mm	Order number	Height mm	Order number	Height mm	Order number
	100	190		75	50	ZBE75ESD	500	D36-500ESD	500 + 50 sill	DP36-550ESD
	300	390	ZBK39ESD	100	75	ZBE100ESD	600	D36-600ESD	600 + 50 sill	DP36-650ESD
	500	590	ZBK59ESD	125	75	ZBE125ESD				
	600	690	ZBK69ESD	150	125	ZBE150ESD	650	D36-650ESD	650 + 50 sill	DP36-700ESD
	750	840	ZBK84ESD	200	175	ZBE200ESD				
	900	990	ZBK99ESD	250	175	ZBE250ESD	750	D36-750ESD	750 + 50 sill	DP36-800ESD
	1125	1215	ZBK120ESD	300	275	ZBE300ESD				
	1325	1415	ZBK140ESD							
ZC 54 x 27D	S mm	H mm	Order number	A mm	C mm	Order number	Height mm	Order number	Height mm	Order number
	100	190		75	50	ZCE75ESD	500	D54-500ESD	500 + 50 sill	DP54-550ESD
	300	390	ZCK39ESD	100	75	ZCE100ESD	600	D54-600ESD	600 + 50 sill	DP54-650ESD
	500	590	ZCK59ESD	125	75	ZCE125ESD				
	600	690	ZCK69ESD	150	125	ZCE150ESD	650	D54-650ESD	650 + 50 sill	DP54-700ESD
	750	840	ZCK84ESD	200	175	ZCE200ESD				
	900	990	ZCK99ESD	250	175	ZCE250ESD	750	D54-750ESD	750 + 50 sill	DP54-800ESD
	1125	1215	ZCK120ESD	300	275	ZCE300ESD				
	1325	1415	ZCK140ESD							
ZD 36 x 27D	S mm	H mm	Order number	A mm	C mm	Order number	Height mm	Order number	Height mm	Order number
	100	190		75	50	ZDE75ESD	500	D36-500ESD	500 + 50 sill	DP36-550ESD
	300	390	ZDK39ESD	100	75	ZDE100ESD	600	D36-600ESD	600 + 50 sill	DP36-650ESD
	500	590	ZDK59ESD	125	75	ZDE125ESD				
	600	690	ZDK69ESD	150	125	ZDE150ESD	650	D36-650ESD	650 + 50 sill	DP36-700ESD
	750	840	ZDK84ESD	200	175	ZDE200ESD				
	900	990	ZDK99ESD	250	175	ZDE250ESD	750	D36-750ESD	750 + 50 sill	DP36-800ESD
	1125	1215	ZDK120ESD	300	275	ZDE300ESD				
	1325	1415	ZDK140ESD							



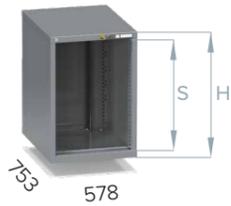
ESD shelf		ESD elevated edge		ESD set for mobile containers		ESD base		ESD drawer partition – boxes		ESD drawer partition – troughs	
W x D mm	Order number	W x D mm	Order number	Total height of the drawer cabinet mm	Order number	Height mm	Order number	Min. height of drawer face mm	Order number	Trough width mm	Order number
564 x 485	VP2727ESD	578 x 600	ZH2727ESD	775	MK2727ESD	100	SO2727ESD	75	2727PK25ESD	70	2727PU2ESD
				875				75	2727PK50ESD	45	2727PU3ESD
				925				100	2727PK75ESD	33	2727PU4ESD
				1025							
				1175							
				1400							
1600											
W x D mm	Order number	W x D mm	Order number	Total height of the drawer cabinet mm	Order number	Height mm	Order number	Min. height of drawer face mm	Order number	Trough width mm	Order number
717 x 638	VP3636ESD	731 x 753	ZH3636ESD	775	MK3636ESD	100	SO3636ESD	75	3636PK25ESD	70	3636PU2ESD
				875				75	3636PK50ESD	45	3636PU3ESD
				925				100	3636PK75ESD	33	3636PU4ESD
				1025							
				1175							
				1400							
1600											
W x D mm	Order number	W x D mm	Order number	Total height of the drawer cabinet mm	Order number	Height mm	Order number	Min. height of drawer face mm	Order number	Trough width mm	Order number
1023 x 485	VP5427ESD	1037 x 600	ZH5427ESD	775	MK5427ESD	100	SO5427ESD	75	5427PK25ESD	70	5427PU2ESD
				875				75	5427PK50ESD	45	5427PU3ESD
				925				100	5427PK75ESD	33	5427PU4ESD
				1025							
				1175							
				1400							
1600											
W x D mm	Order number	W x D mm	Order number	Total height of the drawer cabinet mm	Order number	Height mm	Order number	Min. height of drawer face mm	Order number	Trough width mm	Order number
717 x 485	VP3627ESD	731 x 600	ZH3627ESD	775	MK3627ESD	100	SO3627ESD	75	3627PK25ESD	70	3627PU2ESD
				875				75	3627PK50ESD	45	3627PU3ESD
				925				100	3627PK75ESD	33	3627PU4ESD
				1025							
				1175							
				1400							
1600											



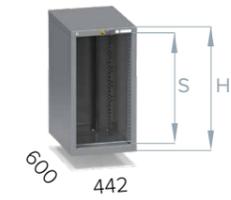
**Chip lock (code + F)**  
If you choose chip locking, add the letter "F" after the order number of the selected housing.



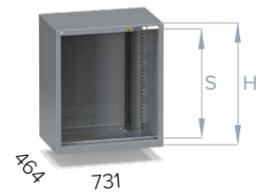
**Code lock (code + C)**  
If you choose code locking, add the letter "C" after the order number of the selected housing.



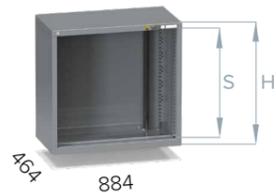
ZE 27 x 36D	ESD housing			ESD drawers			ESD door		ESD door with sill	
	S mm	H mm	Order number	A mm	C mm	Order number	Height mm	Order number	Height mm	Order number
	100	190		75	50	ZEE75ESD	500	D27-500ESD	500 + 50 sill	DP27-550ESD
	300	390	ZEK39ESD	100	75	ZEE100ESD				
	500	590	ZEK59ESD	125	75	ZEE125ESD	600	D27-600ESD	600 + 50 sill	DP27-650ESD
	600	690	ZEK69ESD	150	125	ZEE150ESD				
	650	740	ZEK74ESD	200	175	ZEE200ESD	650	D27-650ESD	650 + 50 sill	DP27-700ESD
	750	840	ZEK84ESD	250	175	ZEE250ESD				
	900	990	ZEK99ESD	300	275	ZEE300ESD	750	D27-750ESD	750 + 50 sill	DP27-800ESD
	1125	1215	ZEK120ESD							
	1325	1415	ZEK140ESD							



ZL 19 x 27D	ESD housing			ESD drawers			ESD door		ESD door with sill	
	S mm	H mm	Order number	A mm	C mm	Order number	Height mm	Order number	Height mm	Order number
	100	190		75	50	ZLE75ESD	500	D19-500ESD	500 + 50 sill	DP19-550ESD
	300	390	ZLK39ESD	100	75	ZLE100ESD				
	500	590	ZLK59ESD	125	75	ZLE125ESD	600	D19-600ESD	600 + 50 sill	DP19-650ESD
	600	690	ZLK69ESD	150	125	ZLE150ESD				
	650	740	ZLK74ESD	200	175	ZLE200ESD	650	D19-650ESD	650 + 50 sill	DP19-700ESD
	750	840	ZLK84ESD	250	175	ZLE250ESD				
	900	990	ZLK99ESD	300	275	ZLE300ESD	750	D19-750ESD	750 + 50 sill	DP19-800ESD
	1125	1215	ZLK120ESD							
	1325	1415	ZLK140ESD							



ZP 36 x 19D	ESD housing			ESD drawers			ESD door		ESD door with sill	
	S mm	H mm	Order number	A mm	C mm	Order number	Height mm	Order number	Height mm	Order number
	100	190		75	50	ZPE75ESD	500	D36-500ESD	500 + 50 sill	DP36-550ESD
	300	390	ZPK39ESD	100	75	ZPE100ESD				
	500	590	ZPK59ESD	125	75	ZPE125ESD	600	D36-600ESD	600 + 50 sill	DP36-650ESD
	600	690	ZPK69ESD	150	125	ZPE150ESD				
	650	740	ZPK74ESD	200	175	ZPE200ESD	650	D36-650ESD	650 + 50 sill	DP36-700ESD
	750	840	ZPK84ESD	250	175	ZPE250ESD				
	900	990	ZPK99ESD	300	275	ZPE300ESD	750	D36-750ESD	750 + 50 sill	DP36-800ESD
	1125	1215	ZPK120ESD							
	1325	1415	ZPK140ESD							



ZR 45 x 19D	ESD housing			ESD drawers			ESD door		ESD door with sill	
	S mm	H mm	Order number	A mm	C mm	Order number	Height mm	Order number	Height mm	Order number
	100	190		75	50	ZRE75ESD	500	D45-500ESD	500 + 50 sill	DP45-550ESD
	300	390	ZRK39ESD	100	75	ZRE100ESD				
	500	590	ZRK59ESD	125	75	ZRE125ESD	600	D45-600ESD	600 + 50 sill	DP45-650ESD
	600	690	ZRK69ESD	150	125	ZRE150ESD				
	650	740	ZRK74ESD	200	175	ZRE200ESD	650	D45-650ESD	650 + 50 sill	DP45-700ESD
	750	840	ZRK84ESD	250	175	ZRE250ESD				
	900	990	ZRK99ESD	300	275	ZRE300ESD	750	D45-750ESD	750 + 50 sill	DP45-800ESD
	1125	1215	ZRK120ESD							
	1325	1415	ZRK140ESD							



ESD shelf		ESD elevated edge		ESD set for mobile containers		ESD base		ESD drawer partition - boxes		ESD drawer partition - troughs	
W x D mm	Order number	W x D mm	Order number	Total height of the drawer cabinet mm	Order number	Height mm	Order number	Min. height of drawer face mm	Order number	Trough width mm	Order number
564 x 638	VP2736ESD	578 x 753	ZH2736ESD	775	MK2736ESD	100	SO2736ESD	75	2736PK25ESD	70	2736PU2ESD
				875				75	2736PK50ESD	45	2736PU3ESD
				925				100	2736PK75ESD	33	2736PU4ESD
				1025							
				1175							
				1400							
				1600							
W x D mm	Order number	W x D mm	Order number	Total height of the drawer cabinet mm	Order number	Height mm	Order number	Min. height of drawer face mm	Order number	Trough width mm	Order number
428 x 485	VP1927ESD	442 x 600	ZH1927ESD	775	MK1927ESD	100	SO1927ESD	75	1927PK25ESD	70	1927PU2ESD
				875				75	1927PK50ESD	45	1927PU3ESD
				925				100	1927PK75ESD	33	1927PU4ESD
				1025							
				1175							
1400											
1600											
W x D mm	Order number	W x D mm	Order number	Total height of the drawer cabinet mm	Order number	Height mm	Order number	Min. height of drawer face mm	Order number	Trough width mm	Order number
717 x 349	VP3619ESD	731 x 464	ZH3619ESD			100	SO3619ESD	75	3619PK25ESD	70	3619PU2ESD
								75	3619PK50ESD	45	3619PU3ESD
								100	3619PK75ESD	33	3619PU4ESD
W x D mm	Order number	W x D mm	Order number	Total height of the drawer cabinet mm	Order number	Height mm	Order number	Min. height of drawer face mm	Order number	Trough width mm	Order number
870 x 349	VP4519ESD	884 x 464	ZH4519ESD			100	SO4519ESD	75	4519PK25ESD	70	4519PU2ESD
								75	4519PK50ESD	45	4519PU3ESD
								100	4519PK75ESD	33	4519PU4ESD

# Workbenches





## ESD workbenches

The ESD KOMBI workbenches are a suitable variant for the creation of antistatic workplaces in which no change in the worktop height is required. The working height of the workbenches is 880 mm in all offered combinations. According to the workplace requirements, the antistatic worktop with conductive core can be located on simple feet, drawer cabinets or a combination of the two. The worktop is equipped with an earthing terminal with protective resistance to connect the band. Metal parts are treated with ESD paint; the individual units are equipped with earthing points. Thanks to the multifunctional extensions, you can place all tools and parts within a few square metres. The KOMBI workbenches fulfil the requirements of the ČSN EN 61340-5-1 (IEC 61340-5-1:2016) standard; tiny plastic parts, such as lock bodies, handles, plugs and labels, are not ESD conductive.



### Basic colour scheme

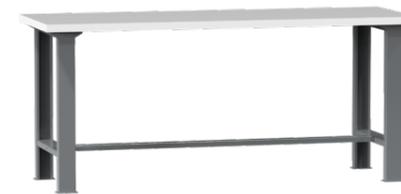
Unless a required colour is specified in the order, the colour scheme of RAL 7016 for the housing and RAL 1028 for the drawers (door) is used. The colour scheme can only be changed in the combination of RAL 7016 and RAL 1028.



- 1** ESD colour scheme  
products are provided with antistatic RAL 7016 and RAL 1028 paint, which can be mutually combined
- 2** plastic boxes  
made from antistatic plastic (dissipative); choose a suitable variant on page 68
- 3** plastic components  
tiny plastic parts, such as lock bodies, handles, labels and plugs, are not ESD conductive
- 4** workbench extension  
cabinet extensions and column extensions with accessories on offer
- 5** antistatic treatment  
the drawer cabinet is provided with earthing points and interconnected components to ensure conductivity
- 6** workbench  
the workbench can be provided with feet or a drawer cabinet in a number of variants



## Standard configuration



### Depth of worktop 685 mm

Worktop	Order number	W mm	H mm	kg	kg
ESD lamination 38 mm	AL4715ESD	1500	880	190	52
ESD lamination 38 mm	AL4720ESD	2000	880	175	64
ESD lamination 38 mm	AL4725ESD	2500	880	160	77

2 feet



### Depth of worktop 685 mm

Worktop	Order number	W mm	H mm	kg	kg
ESD lamination 38 mm	PL4715ESD	1500	880	190	67
ESD lamination 38 mm	PL4720ESD	2000	880	175	79
ESD lamination 38 mm	PL4725ESD	2500	880	160	93

2 feet, drawer cabinet - drawer 1x 100E



### Depth of worktop 685 mm

Worktop	Order number	W mm	H mm	kg	kg
ESD lamination 38 mm	BL4715ESD	1500	880	190	85
ESD lamination 38 mm	BL4720ESD	2000	880	175	97
ESD lamination 38 mm	BL4725ESD	2500	880	160	111

2 feet, drawer cabinet - drawer 100E, 200E



### Depth of worktop 685 mm

Worktop	Order number	W mm	H mm	kg	kg
ESD lamination 38 mm	HL4715ESD	1500	880	190	113
ESD lamination 38 mm	HL4720ESD	2000	880	175	125
ESD lamination 38 mm	HL4725ESD	2500	880	160	139

Foot, drawer cabinet - drawer 75E, 100E, 125E, 200E, 250E



### Depth of worktop 685 mm

Worktop	Order number	W mm	H mm	kg	kg
ESD lamination 38 mm	OL4715ESD	1500	880	190	176
ESD lamination 38 mm	OL4720ESD	2000	880	175	188
ESD lamination 38 mm	OL4725ESD	2500	880	160	202

2 drawer cabinets - drawer 75E, 100E, 125E, 200E, 250E



## Custom configuration

### How to assemble your own workbench configuration

- Select the workbench assembly variant.
- Select the number of drawers so that the total of the drawer fronts (or doors) heights A equals the housing clearance height S.
- Select the color of the assembly and drawers (RAL 7016 and RAL 1028 selectable).
- Select the extension variant and accessories.
- Select the drawer partition or plastic boxes.

### 1 Workbench assembly

Select a suitable variant of the workbench assembly. Within the ESD program, we offer 5 assembly variants, all of them with an antistatic worktop made from grey laminate of 38mm thickness. Each variant is offered in three widths: 1500, 2000, 2500 mm. If you choose a workbench with drawer cabinet, you can find detailed instructions for custom configuration of the drawer cabinet on page 17.

Workbench assemblies:



For detailed instructions for your own configuration of the drawer cabinet, see page 17.

### 2 Cabinet extension

The cabinet extension is based on plinths in two widths (1000 and 1500 mm), on which a roller-shutter is placed. The plinth can be equipped with a perforated panel, shelf, suspension system and lighting. The cabinet has a perforated rear wall; it can also be equipped with shelves, a suspension system or boxes made from antistatic plastic.



Tiny plastic parts, such as lock bodies, handles, labels and plugs, are not ESD conductive.



### 3 Column extension

The basic structural element is the column extension in three widths (1500, 2000 and 2500 mm), the grooving of which enables you to hang perforated panels with a spacing of 38 x 38 mm for fixing the suspension program. On the sides, the arm suspension system with a loading capacity of 10 or 30 kg can be fastened to the columns. The hanging arm, the profiles of which are treated by natural anodizing, can be used to fix the lighting.



Tiny plastic parts, such as lock bodies, handles, labels and plugs, are not ESD conductive.

### 4 Suspension program



ESD arm 10 kg

Order number	kg	kg
20ERY1ESD	10	3

It can be located along the entire extension height in the side columns; provided with ESD paint



ESD arm 30 kg

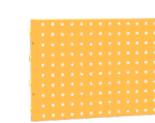
Order number	kg	kg
20ERY2ESD	30	4

It can be located at one extension height in the side columns; provided with ESD paint



ESD fork

Order number	kg
20ERY10ESD	3,3



ESD perforated panel

Order number	kg
20NPP6EESD	1,7



ESD tilting shelf

Order number	kg
20ERY52ESD	3,5



ESD monitor and keyboard holder

Order number	Holder design	kg
20ERY6ESD	for monitor	1
20ERY7ESD	for keyboard	3
20ERY8ESD	for monitor and keyboard	4



ESD shelf

Order number	kg
20NPO6EESD	2



ESD box holder

Order number	kg
20YV4ESD	0,4

Only applicable to perforated panel



ESD fixed shelf

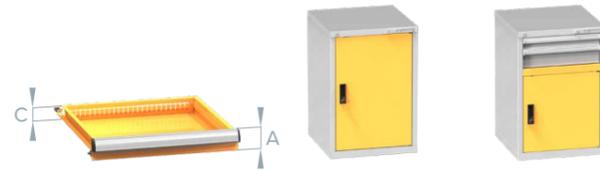
Order number	kg
20ERY9ESD	5



The perforated panel and shelves can be placed on both sides of the fork. For a suitable suspension program, see page 51.



The workbenches cannot be equipped with code or chip locking. The drawer cabinet is equipped with a cylindrical lock.



BL 27 x 27D	ESD workbench + housing				ESD drawers			ESD door		ESD door with sill	
	Width mm	Height mm	S mm	Order number	A mm	C mm	Order number	Height mm	Order number	Height mm	Order number
	1500	880	300	BL4715KESD	75	50	ZAE75ESD				
	2000			BL4720KESD							
	2500			BL4725KESD							
CL 27 x 27D	Width mm	Height mm	S mm	Order number	125	75	ZAE125ESD	500	D27-500ESD	500 + 50 sill	DP27-550ESD
	1500	880	750	HL4715KESD							
	2000			HL4720KESD							
	2500			HL4725KESD							
KL 27 x 27D	Width mm	Height mm	S mm	Order number	200	175	ZAE200ESD	600	D27-600ESD	600 + 50 sill	DP27-650ESD
	1500	880	2x 750	OL4715KESD							
	2000			OL4720KESD							
	2500			OL4725KESD							
	1500	880	2x 750	OL4715KESD	250	175	ZAE250ESD	650	D27-650ESD	650 + 50 sill	DP27-700ESD
	2000			OL4720KESD							
	2500			OL4725KESD							
	1500	880	2x 750	OL4715KESD	300	275	ZAE300ESD	750	D27-750ESD	750 + 50 sill	DP27-800ESD
	2000			OL4720KESD							
	2500			OL4725KESD							

ESD shelf



Order number	W x D mm
VP2727ESD	564 x 485

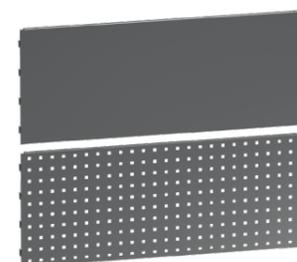
Varnished shelf, loading capacity: 50 kg, height-adjustable



For a suitable drawer partition, see page 31.



ESD extension plinth		ESD cabinet extension		ESD shelf			ESD KOMBI extension		ESD extension arm	
Width mm	Order number	Width mm	Order number	Depth mm	Width mm	Order number	Width mm	Order number	Width mm	Order number
1000	20SR5PESD	1000	20SR5ESD	206	1000	8NPO10-1ESD	1500	20NS4ESD	1500	8ALNR15ESD
				206	1200	8NPO12-1ESD				
				206	1500	8NPO15-1ESD				
1500	20SR5P2ESD	1500	20SR6ESD	370	1000	8NPO10-2ESD	2000	20NS5ESD	2000	8ALNR20ESD
				370	1200	8NPO12-2ESD				
				370	1500	8NPO15-2ESD				
				206	600	20NPO6EESD	2500	20NS6ESD	2500	8ALNR25ESD



Drawer partition material - plastic partition

ESD solid panel / perforated panel

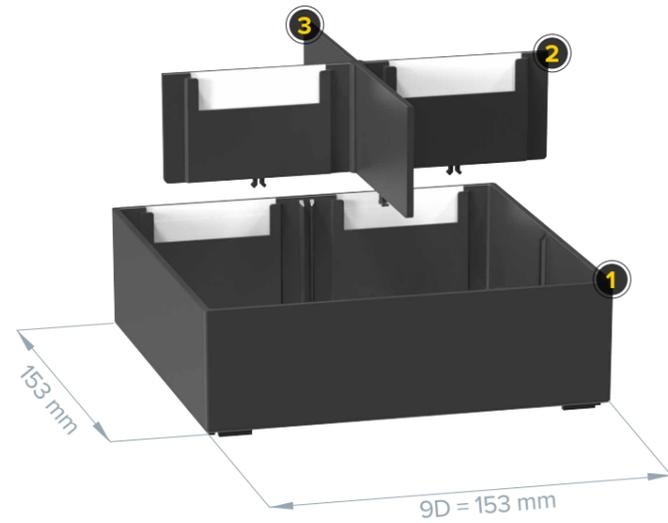
Order number of solid panel	Order number of perforated panel	H x W mm
8NP10ESD	8NPP10ESD	380 x 1000
8NP12ESD	8NPP12ESD	380 x 1200
8NP15ESD	8NPP15ESD	380 x 1500
	8NPP10HESD	190 x 1000
	8NPP12HESD	190 x 1200
	8NPP15HESD	190 x 1500
	20NPP6E	380 x 600

Drawer partition material - metal partition



### Drawer partition material – plastic boxes 9 x 9D

(ABS, dissipative)



- 1 plastic boxes  
the bottom design enables stacking in a column, manufactured in three heights, in dimension 9 x 9D (1D = 17 mm)
- 2 big partition  
manufactured in three heights; it can be provided with a description label 50 x 14 mm in dimension
- 3 small partition  
enables division of boxes into four compartments



Box

Min. height of drawer face mm	Order number	W x D x H mm
75	PK25ESD	153 x 153 x 25



Big partition

Order number
PK25-2ESD



Small partition

Order number
PK25-1ESD



Box

Min. height of drawer face mm	Order number	W x D x H mm
75	PK50ESD	153 x 153 x 47



Big partition

Order number
PK50-2ESD



Small partition

Order number
PK50-1ESD



Box

Min. height of drawer face mm	Order number	W x D x H mm
100	PK75ESD	153 x 153 x 72



Big partition

Order number
PK75-2ESD

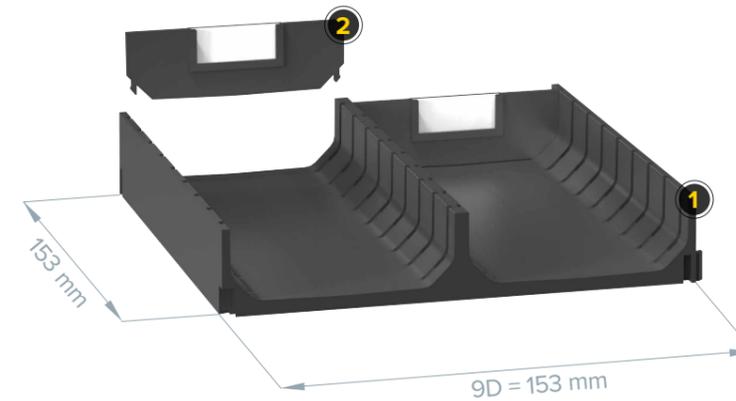


Small partition

Order number
PK75-1ESD

### Drawer partition material – plastic troughs 9 x 9D

(ABS, dissipative)



- 1 plastic troughs  
the design enables interconnection; manufactured in three widths, division with partitions in a 17mm grid, in dimension 9 x 9D (1D = 17 mm)
- 2 partition  
manufactured in three widths; it can be provided with a description label 29 x 12 mm in dimension



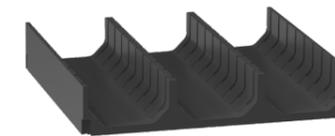
2-piece trough

Trough width mm	Order number	W x D x H mm
70	PU2ESD	153 x 153 x 28



Partition

Order number
PU2-1ESD



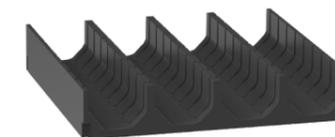
3-piece trough

Trough width mm	Order number	W x D x H mm
45	PU3ESD	153 x 153 x 28



Partition

Order number
PU3-1ESD



4-piece trough

Trough width mm	Order number	W x D x H mm
33	PU4ESD	153 x 153 x 28



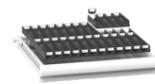
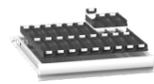
Partition

Order number
PU4-1ESD



## Drawer sets – plastic partition

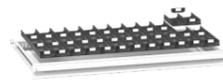
(ABS, dissipative)



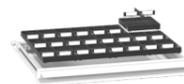
ZA 27 x 27D	ESD troughs		ESD troughs		ESD troughs		ESD boxes	
	Trough width mm	Order number	Trough width mm	Order number	Trough width mm	Order number	Min. height of drawer face mm	Order number
	70	2727PU2ESD	45	2727PU3ESD	33	2727PU4ESD	75	2727PK25ESD
							75	2727PK50ESD
							100	2727PK75ESD
	9 two-piece ESD troughs 18 partitions		9 ks three-piece ESD troughs 27 partitions		9 four-piece ESD troughs 36 partitions		9 ESD boxes 9 large partitions 18 small partitions	



ZB 36 x 36D	ESD troughs		ESD troughs		ESD troughs		ESD boxes	
	Trough width mm	Order number	Trough width mm	Order number	Trough width mm	Order number	Min. height of drawer face mm	Order number
	70	3636PU2ESD	45	3636PU3ESD	33	3636PU4ESD	75	3636PK25ESD
							75	3636PK50ESD
							100	3636PK75ESD
	16 two-piece ESD troughs 32 partitions		16 three-piece ESD troughs 48 partitions		16 four-piece ESD troughs 64 partitions		16 ESD boxes 16 large partitions 32 small partitions	



ZC 54 x 27D	ESD troughs		ESD troughs		ESD troughs		ESD boxes	
	Trough width mm	Order number	Trough width mm	Order number	Trough width mm	Order number	Min. height of drawer face mm	Order number
	70	5427PU2ESD	45	5427PU3ESD	33	5427PU4ESD	75	5427PK25ESD
							75	5427PK50ESD
							100	5427PK75ESD
	18 two-piece ESD troughs 36 partitions		18 three-piece ESD troughs 54 partitions		18 four-piece ESD troughs 72 partitions		18 ESD boxes 18 large partitions 36 small partitions	



ZD 36 x 27D	ESD troughs		ESD troughs		ESD troughs		ESD boxes	
	Trough width mm	Order number	Trough width mm	Order number	Trough width mm	Order number	Min. height of drawer face mm	Order number
	70	3627PU2ESD	45	3627PU3ESD	33	3627PU4ESD	75	3627PK25ESD
							75	3627PK50ESD
							100	3627PK75ESD
	12 two-piece ESD troughs 24 partitions		12 three-piece ESD troughs 36 partitions		12 four-piece ESD troughs 48 partitions		12 ESD boxes 12 large partitions 24 small partitions	



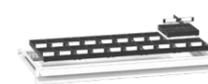
ZE 27 x 36D	ESD troughs		ESD troughs		ESD troughs		ESD boxes	
	Trough width mm	Order number	Trough width mm	Order number	Trough width mm	Order number	Min. height of drawer face mm	Order number
	70	2736PU2ESD	45	2736PU3ESD	33	2736PU4ESD	75	2736PK25ESD
							75	2736PK50ESD
							100	2736PK75ESD
	12 two-piece ESD troughs 24 partitions		12 three-piece ESD troughs 36 partitions		12 four-piece ESD troughs 48 partitions		12 ESD boxes 12 large partitions 24 small partitions	



ZL 19 x 27D	ESD troughs		ESD troughs		ESD troughs		ESD boxes	
	Trough width mm	Order number	Trough width mm	Order number	Trough width mm	Order number	Min. height of drawer face mm	Order number
	70	1927PU2ESD	45	1927PU3ESD	33	1927PU4ESD	75	1927PK25ESD
							75	1927PK50ESD
							100	1927PK75ESD
	6 two-piece ESD troughs 12 partitions		6 three-piece ESD troughs 18 partitions		6 four-piece ESD troughs 24 partitions		6 ESD boxes 6 large partitions 12 small partitions	



ZP 36 x 19D	ESD troughs		ESD troughs		ESD troughs		ESD boxes	
	Trough width mm	Order number	Trough width mm	Order number	Trough width mm	Order number	Min. height of drawer face mm	Order number
	70	3619PU2ESD	45	3619PU3ESD	33	3619PU4ESD	75	3619PK25ESD
							75	3619PK50ESD
							100	3619PK75ESD
	8 two-piece ESD troughs 16 partitions		8 three-piece ESD troughs 24 partitions		8 four-piece ESD troughs 32 partitions		8 ESD boxes 8 large partitions 16 small partitions	



ZR 45 x 19D	ESD troughs		ESD troughs		ESD troughs		ESD boxes	
	Trough width mm	Order number	Trough width mm	Order number	Trough width mm	Order number	Min. height of drawer face mm	Order number
	70	4519PU2ESD	45	4519PU3ESD	33	4519PU4ESD	75	4519PK25ESD
							75	4519PK50ESD
							100	4519PK75ESD
	10 two-piece ESD troughs 20 partitions		10 three-piece ESD troughs 30 partitions		10 four-piece ESD troughs 40 partitions		10 ESD boxes 10 large partitions 20 small partitions	



**Drawer sets – metal partition**



Metal partition		Metal partition		Metal partition		ESD slip-resistant pad	
Drawer front height mm	Order number	Drawer front height mm	Order number	Drawer front height mm	Order number	W x D mm	Order number
75	272711	75	272721	75	272731	459 x 459	PG2727ESD
100, 125	272712	100, 125	272722	100, 125	272732		
150	272713	150	272723	150	272733		
200, 250	272714	200, 250	272724	200, 250	272734		
300	272715	300	272725	300	272735		

2 pieces of smooth partition  
1 piece of slotted partition

6 pieces of smooth partition  
2 piece of slotted partition

8 pieces of smooth partition  
3 piece of slotted partition



Metal partition		Metal partition		Metal partition		ESD slip-resistant pad	
Drawer front height mm	Order number	Drawer front height mm	Order number	Drawer front height mm	Order number	W x D mm	Order number
75	363611	75	363621	75	363631	612 x 612	PG3636ESD
100, 125	363612	100, 125	363622	100, 125	363632		
150	363613	150	363623	150	363633		
200, 250	363614	200, 250	363624	200, 250	363634		
300	363615	300	363625	300	363635		

2 pieces of smooth partition  
1 piece of slotted partition

6 pieces of smooth partition  
2 piece of slotted partition

8 pieces of smooth partition  
3 piece of slotted partition



Metal partition		Metal partition		Metal partition		ESD slip-resistant pad	
Drawer front height mm	Order number	Drawer front height mm	Order number	Drawer front height mm	Order number	W x D mm	Order number
75	542711	75	542721	75	542731	918 x 459	PG5427ESD
100, 125	542712	100, 125	542722	100, 125	542732		
150	542713	150	542723	150	542733		
200, 250	542714	200, 250	542724	200, 250	542734		
300	542715	300	542725	300	542735		

2 pieces of smooth partition  
1 piece of slotted partition

6 pieces of smooth partition  
2 piece of slotted partition

8 pieces of smooth partition  
3 piece of slotted partition



Metal partition		Metal partition		Metal partition		ESD slip-resistant pad	
Drawer front height mm	Order number	Drawer front height mm	Order number	Drawer front height mm	Order number	W x D mm	Order number
75	362711	75	362721	75	362731	612 x 459	PG3627ESD
100, 125	362712	100, 125	362722	100, 125	362732		
150	362713	150	362723	150	362733		
200, 250	362714	200, 250	362724	200, 250	362734		
300	362715	300	362725	300	362735		

2 pieces of smooth partition  
1 piece of slotted partition

6 pieces of smooth partition  
2 piece of slotted partition

8 pieces of smooth partition  
3 piece of slotted partition



Metal partition		Metal partition		Metal partition		ESD slip-resistant pad	
Drawer front height mm	Order number	Drawer front height mm	Order number	Drawer front height mm	Order number	W x D mm	Order number
75	273611	75	273621	75	273631	459 x 612	PG2736ESD
100, 125	273612	100, 125	273622	100, 125	273632		
150	273613	150	273623	150	273633		
200, 250	273614	200, 250	273624	200, 250	273634		
300	273615	300	273625	300	273635		

2 pieces of smooth partition  
1 piece of slotted partition

6 pieces of smooth partition  
2 piece of slotted partition

8 pieces of smooth partition  
3 piece of slotted partition



Metal partition		Metal partition		Metal partition		ESD slip-resistant pad	
Drawer front height mm	Order number	Drawer front height mm	Order number	Drawer front height mm	Order number	W x D mm	Order number
75	192711	75	192721	75	192731	323 x 459	PG1927ESD
100, 125	192712	100, 125	192722	100, 125	192732		
150	192713	150	192723	150	192733		
200, 250	192714	200, 250	192724	200, 250	192734		
300	192715	300	192725	300	192735		

2 pieces of smooth partition  
1 piece of slotted partition

6 pieces of smooth partition  
2 piece of slotted partition

8 pieces of smooth partition  
3 piece of slotted partition



Metal partition		Metal partition		Metal partition		ESD slip-resistant pad	
Drawer front height mm	Order number	Drawer front height mm	Order number	Drawer front height mm	Order number	W x D mm	Order number
75	361911	75	361921	75	361931	612 x 323	PG3619ESD
100, 125	361912	100, 125	361922	100, 125	361932		
150	361913	150	361923	150	361933		
200, 250	361914	200, 250	361924	200, 250	361934		
300	361915	300	361925	300	361935		

2 pieces of smooth partition  
1 piece of slotted partition

6 pieces of smooth partition  
2 piece of slotted partition

8 pieces of smooth partition  
3 piece of slotted partition



Metal partition		Metal partition		Metal partition		ESD slip-resistant pad	
Drawer front height mm	Order number	Drawer front height mm	Order number	Drawer front height mm	Order number	W x D mm	Order number
75	451911	75	451921	75	451931	765 x 323	PG4519ESD
100, 125	451912	100, 125	451922	100, 125	451932		
150	451913	150	451923	150	451933		
200, 250	451914	200, 250	451924	200, 250	451934		
300	451915	300	451925	300	451935		

2 pieces of smooth partition  
1 piece of slotted partition

6 pieces of smooth partition  
2 piece of slotted partition

8 pieces of smooth partition  
3 piece of slotted partition

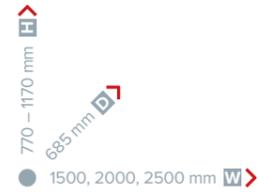
# Ergonomic workplaces





## ESD ERGO 400 workplace

These workbenches can be equipped with three types of feet of 400kg loading capacity (adjustable in steps by 15 mm, smoothly with a crank or electrically). **The workbenches feature a robust frame for absolute rigidity, maximum loading capacity and stability of the workplace.** The column extension enables hanging of perforated panels in three rows and a wide variety of interchangeable elements of the suspension system with an arm loading capacity of 30 or 10 kg. The antistatic worktop with conductive core is provided with an earthing terminal with protective resistance for connecting the band. Metal parts are treated with ESD paint; the individual units are provided with earthing points. Ergo 400 workplaces fulfil the requirements of the ČSN EN 61340-5-1 (IEC 61340-5-1:2016) standard; tiny plastic parts, such as lock bodies, handles, plugs and labels, are not ESD conductive.



Tiny plastic parts, such as lock bodies, handles, labels and plugs, are not ESD conductive.



**Basic colour scheme**  
Unless a required colour is specified in the order, the colour scheme of RAL 7016 for the housing and RAL 1028 for the drawers (door) is used. The colour scheme can only be changed in the combination of RAL 7016 and RAL 1028.

### extension

columns for up to 3 panels, optional supplementation with a lighting arm

### hanging program

arms for ergo workplaces, tool and box holders, hooks of various sizes, magnetic strips and others



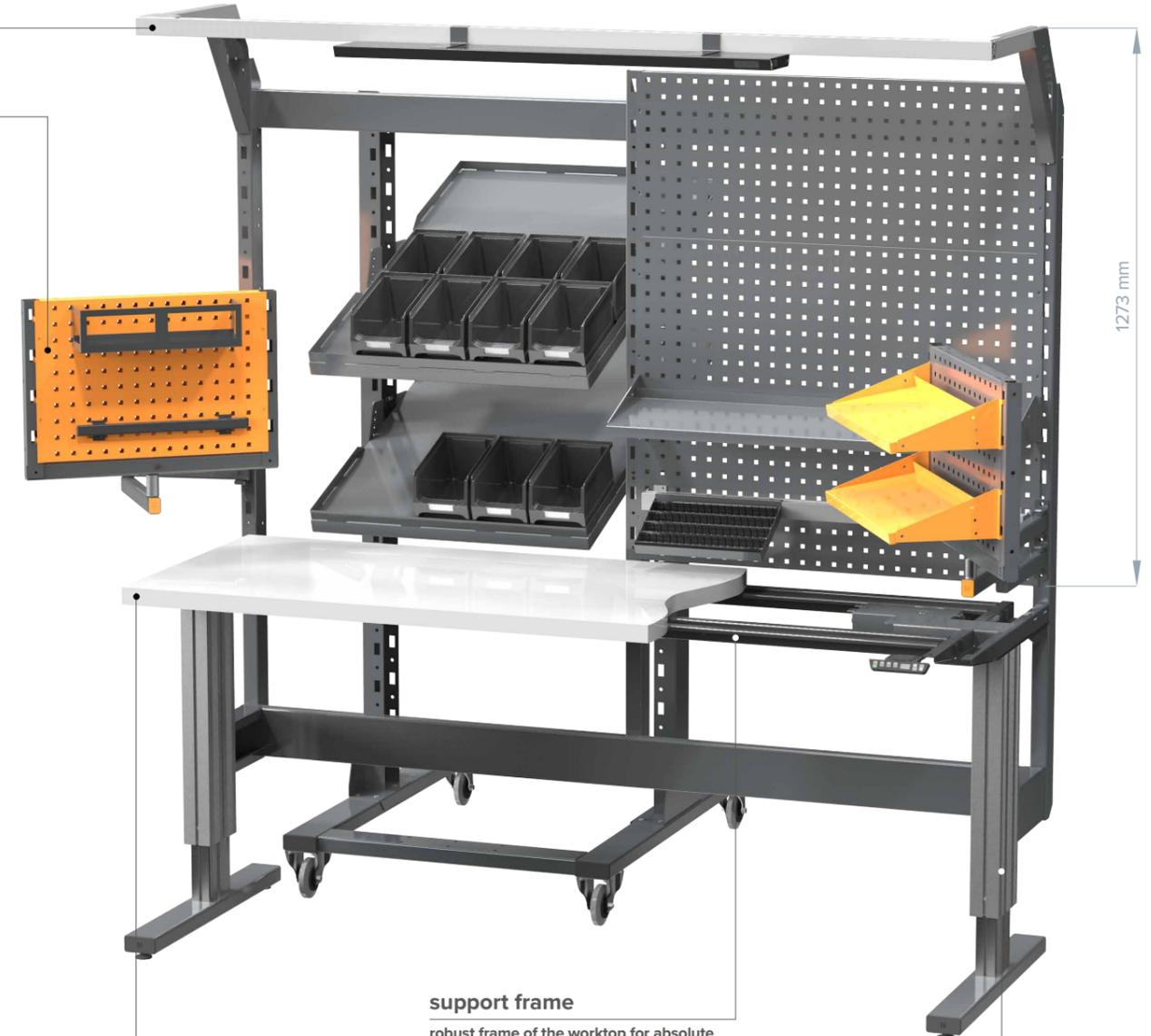
### mobile frame

in three variants, for suspension of panels, shelves and minor accessories

### Reach zones

They differ depending on the physical disposition of the user. The variability of the ergonomic workplace and hanging programs ensures the most comfortable reach.

- 1<sup>st</sup> zone – working space for both hands
- 2<sup>nd</sup> zone – comfortable reach for both hands
- 3<sup>rd</sup> zone – easy handling of tools with one hand
- 4<sup>th</sup> zone – storage space and the most distant working space



### support frame

robust frame of the worktop for absolute rigidity, maximum loading capacity and stability of the workplace

### worktop

light grey ESD laminated worktop of 38mm thickness; worktop depth 685 mm

### workbench feet, loading capacity 400 kg

in three variants – feet adjustable in steps, adjustable with a crank and electrically adjustable



### Standard configuration



ESD workbench adjustable in steps with extension

Worktop	Order number	W mm	H mm	kg	kg
ESD lamination 38 mm	20ERGO5NESD	2000	770 – 1170	260	147

Feet adjustable in steps by 15 mm by means of screws, support frame under the worktop, work surface depth: 685 mm, column extension, 6 perforated panels, extension arm



ESD workbench adjustable with a crank with extension

Worktop	Order number	W mm	H mm	kg	kg
ESD lamination 38 mm	20ERGO11NESD	2000	790 – 1100	240	164

Feet smoothly adjustable with a crank, support frame under the worktop, work area depth: 685 mm, column extension, 6 perforated panels, extension arm; the design does not enable hanging of a drawer cabinet



ESD electrically adjustable ERGO workbench with extension

Worktop	Order number	W mm	H mm	kg	kg
ESD lamination 38 mm	20ERGO17NESD	2000	770 – 1170	260	151

Electrically operated, smoothly adjustable feet, support frame under the worktop, work area depth: 685 mm, column extension, 6 perforated panels, extension arm

### Workbenches and accessories



ESD workbench adjustable in steps

Worktop	Order number	W mm	H mm	kg	kg
ESD lamination 38 mm	20ERGO4ESD	1500	770 – 1170	325	82,5
ESD lamination 38 mm	20ERGO5ESD	2000	770 – 1170	300	100,0
ESD lamination 38 mm	20ERGO6ESD	2500	770 – 1170	275	116,5

Feet adjustable in steps by 15 mm by means of screws, support frame under the worktop, work area depth: 685 mm



ESD workbench adjustable with a crank

Worktop	Order number	W mm	H mm	kg	kg
ESD lamination 38 mm	20ERGO10ESD	1500	790 – 1100	300	99,5
ESD lamination 38 mm	20ERGO11ESD	2000	790 – 1100	275	117,0
ESD lamination 38 mm	20ERGO12ESD	2500	790 – 1100	250	133,5

Feet smoothly adjustable with a crank, support frame under the worktop, work area depth: 685 mm, the design does not enable hanging of a drawer cabinet



ESD electrically adjustable ERGO workbench

Worktop	Order number	W mm	H mm	kg	kg
ESD lamination 38 mm	20ERGO16ESD	1500	770 – 1170	325	86,5
ESD lamination 38 mm	20ERGO17ESD	2000	770 – 1170	300	104,0
ESD lamination 38 mm	20ERGO18ESD	2500	770 – 1170	275	120,5

Electrically operated, smoothly adjustable feet, support frame under the worktop, work area depth: 685 mm



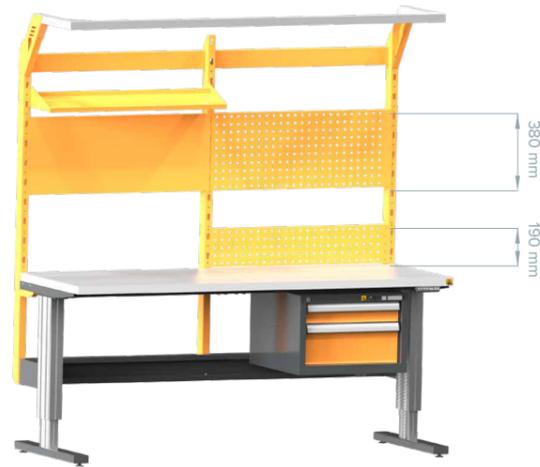
ESD drawer cabinet 27 x 27D

H mm	Order number	Drawer composition	kg
390	ZA39-2ERGOESD	100E, 200E	34
390	ZA39-3ERGOESD	100E, 100E, 100E	40
390	ZA39-4ERGOESD	75E, 100E, 125E	40
390	ZA39-5ERGOESD	75E, 75E, 150E	40

Depth x width: 578 x 600 mm, the drawer cabinet cannot be located under the crank-adjustable workbench



Tiny plastic parts, such as lock bodies, handles, labels and plugs, are not ESD conductive.



ESD column extension

W mm	Order number	Number of panels	kg	kg
1500	20NS7EESD	3	120	14
2000	20NS8EESD	3	120	21
2500	20NS9EESD	3	120	22

The structures are supplied as a unit; the column height cannot be changed. The height above the work area is 1142 mm

ESD shelf

Order number	W x D mm	kg
8NPO10-1ESD	206 x 1000	3,2
8NPO12-1ESD	206 x 1200	3,8
8NPO15-1ESD	206 x 1500	4,5
8NPO10-2ESD	370 x 1000	5,0
8NPO12-2ESD	370 x 1200	5,8
8NPO15-2ESD	370 x 1500	7,0
20NPO6EESD	206 x 600	2,0

ESD solid panel / perforated panel

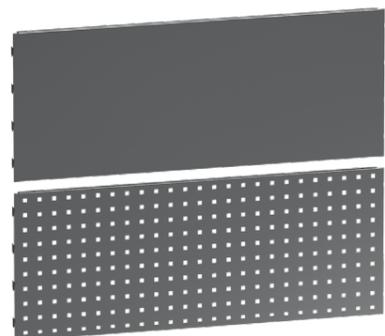
Order number of solid panel	Order number of perforated panel	H x W mm	kg
8NP10ESD	8NPP10ESD	380 x 1000	3,0
8NP12ESD	8NPP12ESD	380 x 1200	3,7
8NP15ESD	8NPP15ESD	380 x 1500	4,7
	8NPP10HESD	190 x 1000	1,7
	8NPP12HESD	190 x 1200	2,1
	8NPP15HESD	190 x 1500	2,6
	20NPP6EESD	380 x 600	2,0

ESD arm with AI profile

Order number	W mm	kg	kg
8ALNR15ESD	1500	6,2	6
8ALNR20ESD	2000	7,2	6
8ALNR25ESD	2500	8,1	6

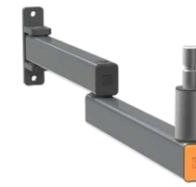
The arm can be supplemented with a pneumatic quick coupling, adjustable by 130 mm, 40 x 40 mm profile, delivered without columns

**i** For lighting, electrical equipment and other suspension systems, see page 53.



Suspension program

The arm with 10kg loading capacity can be fixed to columns at any height. Choose a suitable variant from the accessories below.



ESD arm 10 kg

Order number	kg	kg
20ERY1ESD	10	3

The arm with 30kg loading capacity can be fixed to columns at one height. Choose a suitable variant from the accessories below.



ESD arm 30 kg

Order number	kg	kg
20ERY2ESD	30	4



ESD fork with perforated panel

Order number	kg
20ERY3ESD	5

The perforated panel can be located on both sides of the fork



ESD fork with box holders

Order number	kg
20ERY4ESD	5,5

The perforated panel can be located on both sides of the fork, box not included



ESD fork with tilting shelf

Order number	kg
20ERY5ESD	7



ESD monitor and keyboard holder

Order number	Holder design	kg
20ERY6ESD	for monitor	1
20ERY7ESD	for keyboard	3
20ERY8ESD	for monitor and keyboard	4



ESD fixed shelf

Order number	kg
20ERY9ESD	5



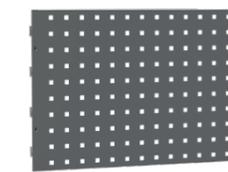
ESD shelf

Order number	kg
20NPO6EESD	2



ESD fork

Order number	kg
20ERY10ESD	3,3



ESD perforated panel

Order number	kg
20NPP6EESD	1,7



ESD tilting shelf

Order number	kg
20ERY52ESD	3,5



ESD box holder

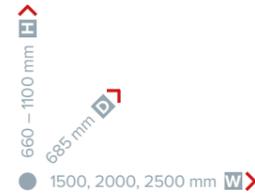
Order number	kg
20YV4ESD	0,4

Only applicable to perforated panel



## ESD ERGO 240 workplace

These height-adjustable workbenches with 240 kg loading capacity of the feet are an economically a more acceptable variant of electrically adjustable ESD workbenches. **The workbenches feature a robust frame for absolute rigidity, maximum loading capacity and stability of the workplace.** The column extension enables suspension of three rows of perforated panels and a wide variety of interchangeable elements of the suspension program with an arm loading capacity of 10 kg. In this case, the feet are not treated with ESD paint; therefore, they are suitable for assembly of the EPA workplace in variant 1 (see page 9). The other metal parts are treated with ESD paint; the individual units are equipped with earthing points. The antistatic worktop with conductive core is provided with an earthing terminal with protective resistance for connecting the band. Ergo 240 workplaces fulfil the requirements of the ČSN EN 61340-5-1 (IEC 61340-5-1:2016) standard; tiny plastic parts, such as lock bodies, handles, plugs and labels, are not ESD conductive.



**mobile frame**  
in three variants, for suspension of panels, shelves and minor accessories

**extension**  
columns for up to 2 panels, optional supplementation with an arm

**hanging program**  
arms for ergo workplace, tool and box holders, hooks of various sizes, magnetic strips and others

**worktop**  
light grey ESD laminated worktop of 38mm thickness; worktop depth 685 mm

**support frame**  
robust worktop frame for absolute rigidity, maximum loading capacity and stability of the workplace

**workbench feet, loading capacity 240 kg**  
electrically adjustable feet, without optional suspension cabinet, feet not provided with ESD paint

## Standard configuration



### ESD electrically adjustable ERGO workbench with extension

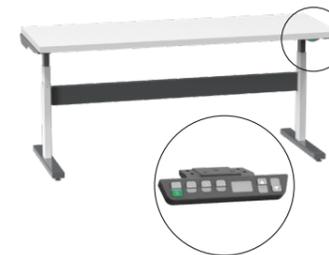
Worktop	Order number	W mm	H mm	kg	kg
ESD lamination 38 mm	20ERGO23NESD	2000	660 – 1100	130	133

Electrically operated smoothly adjustable feet, support frame under the worktop, work area depth: 685 mm, column extension, 4 perforated panels, extension arm



Workbench feet are not ESD conductive.

## Workbenches and accessories



### ESD electrically adjustable ERGO workbench

Worktop	Order number	W mm	H mm	kg	kg
ESD lamination 38 mm	20ERGO22ESD	1500	660 – 1100	190	73,5
ESD lamination 38 mm	20ERGO23ESD	2000	660 – 1100	175	89,0
ESD lamination 38 mm	20ERGO24ESD	2500	660 – 1100	160	104,0

Electrically operated smoothly adjustable feet, support frame under the worktop, work area depth: 685 mm; the design does not enable hanging of a drawer cabinet



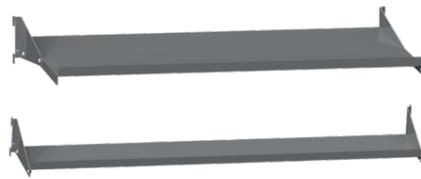
### ESD column extension

W mm	Order number	Number of panels	kg	kg
1500	20NS10EESD	2	60	12,5
2000	20NS11EESD	2	60	18,0
2500	20NS12EESD	2	60	19,0

The structures are supplied as a unit; the column height cannot be changed. The height above the work area is 1142 mm

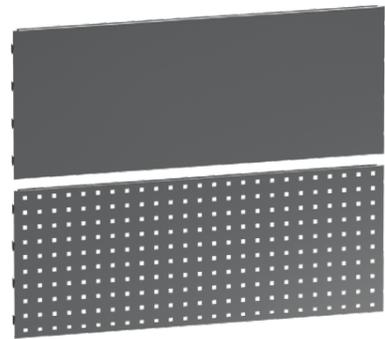


For lighting, electrical equipment and other suspension systems, see page 53.



ESD shelf

Order number	D x W mm	kg
8NPO10-1ESD	206 x 1000	3,2
8NPO12-1ESD	206 x 1200	3,8
8NPO15-1ESD	206 x 1500	4,5
8NPO10-2ESD	370 x 1000	5,0
8NPO12-2ESD	370 x 1200	5,8
8NPO15-2ESD	370 x 1500	7,0
20NPO6EESD	206 x 600	2,0



ESD solid panel / perforated panel

Order number of solid panel	Order number of perforated panel	H x W mm	kg
8NP10ESD	8NPP10ESD	380 x 1000	3,0
8NP12ESD	8NPP12ESD	380 x 1200	3,7
8NP15ESD	8NPP15ESD	380 x 1500	4,7
	8NPP10HESD	190 x 1000	1,7
	8NPP12HESD	190 x 1200	2,1
	8NPP15HESD	190 x 1500	2,6
	20NPP6EESD	380 x 600	2,0



ESD arm with AI profile

Order number	W mm	kg	kg
8ALNR15ESD	1500	6	6,2
8ALNR20ESD	2000	6	7,2
8ALNR25ESD	2500	6	8,1

The arm can be supplemented with a pneumatic quick coupling. Adjustable by 130 mm, 40 x 40 mm profile, delivered without columns



Tiny plastic parts, such as lock bodies, handles, labels and plugs, are not ESD conductive.

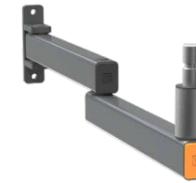


Basic colour scheme

Unless a required colour is specified in the order, the colour scheme of RAL 7016 for the housing and RAL 1028 for the drawers (door) is used. The colour scheme can only be changed in the combination of RAL 7016 and RAL 1028.



Suspension program



The arm with 10kg loading capacity can be fixed to columns at any height. Choose a suitable variant from the accessories below.

ESD arm 10 kg

Order number	kg	kg
20ERY1ESD	10	3



The ERGO 240 workbench extension does not enable location of a suspension holder with 30kg loading capacity.



ESD fork with perforated panel

Order number	kg
20ERY3ESD	5

The perforated panel can be located on both sides of the fork



ESD fork with box holders

Order number	kg
20ERY4ESD	5,5

The perforated panel can be located on both sides of the fork, box not included



ESD fork with tilting shelf

Order number	kg
20ERY5ESD	7



ESD monitor and keyboard holder

Order number	Holder design	kg
20ERY6ESD	for monitor	1
20ERY7ESD	for keyboard	3
20ERY8ESD	for monitor and keyboard	4



ESD fixed shelf

Order number	kg
20ERY9ESD	5



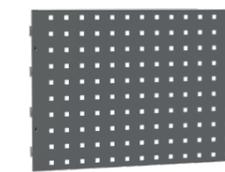
ESD shelf

Order number	kg
20NPO6EESD	2



ESD fork

Order number	kg
20ERY10ESD	3,3



ESD perforated panel

Order number	kg
20NPP6EESD	1,7



ESD tilting shelf

Order number	kg
20ERY52ESD	3,5



ESD box holder

Order number	kg
20YV4ESD	0,4

Only applicable to perforated panel



## ESD ERGO Accessories

### structure

the robust and sturdy structure of the mobile frame enables placement and transport of small components and tools

### handle

to facilitate handling

### ESD castors

made from grey rubber, 2 swivel with brakes, 2 fixed ones



### perforated / solid panels

choose from two variants of hanging panels - perforated for fastening the suspension system or a solid panel suitable as a shield

### hanging program

for the variants, see [www.polak.eu](http://www.polak.eu)



For plastic boxes and suspension program see page 53.

### shelf

in two depths

### fixed shelf

included in the mobile frame ERGO1



### ESD mobile frame handle

Order number	20MRERGO1MESD
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### ESD solid panel / perforated panel

Order number of solid panel	Order number of perforated panel	H x W mm	kg
8NP10ESD	8NPP10ESD	380 x 1000	3,0
	8NPP10HESD	190 x 1000	1,7

### ESD shelf

Order number	D x W mm	kg
8NPO10-1ESD	206 x 1000	3,2
8NPO10-2ESD	370 x 1000	5,0

### ESD ERGO1 mobile frame

Order number	W x D x H mm	kg	kg
20MRERGO1ESD	1080 x 840 x 1926	56	280

1 lower shelf, 2 fixed ESD castors 100 mm, 2 swivel ESD castors 100 mm with brake



### ESD ERGO2 mobile frame

Order number	W x D x H mm	kg	kg
20MRERGO2ESD	840 x 1080 x 1926	280	57

1 tilting shelf, 2 ESD castors KN 100 mm, 2 ESD castors KNOB 100 mm; with regard to the castors' loading capacity, we recommend that no more than 3 shelves are placed on the frame



### ESD ERGO2 tilting shelf

Order number	W x D mm	kg	kg
20MRERGO2PESD	706 x 1053	50	15



### ESD ERGO3 mobile frame

Order number	W x D x H mm	kg	kg
20MRERGO3ESD	1170 x 1080 x 1926	280	68

1 tilting shelf, 2 ESD castors KN 100 mm, 2 ESD castors KNOB 100 mm; with regard to the castors' loading capacity, we recommend that no more than 3 shelves are placed on the frame



### ESD ERGO3 tilting shelf

Order number	W x D mm	kg	kg
20MRERGO3PESD	1033 x 1053	50	20,5

### ESD PC shelf

Order number	W x D x H mm	kg	kg
20PERGOESD	230 x 530 x 485	15	9,2

to be suspended under the worktop



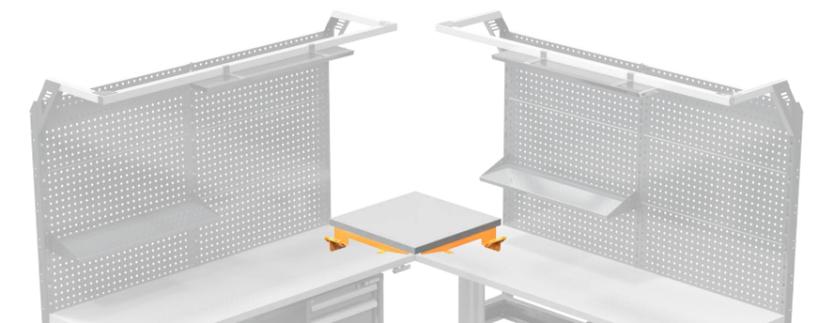
Tiny plastic parts, such as lock bodies, handles, labels and plugs, are not ESD conductive.



The ergonomic workbenches can be connected with a corner module. The workbenches between which the corner module is placed must be of the same type; it cannot be placed between crank-controlled workbenches.

### ESD corner module

Order number	kg	kg
20RERGOESD	50	20

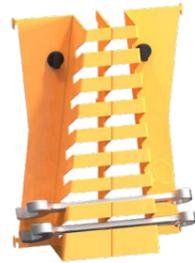




### Hanging program



For stable storage of big spanners, the holders can be fastened at a greater distance.



ESD horizontal spanner holder

Order number	W x D x H mm
YPL1ESD	144 x 200 x 40

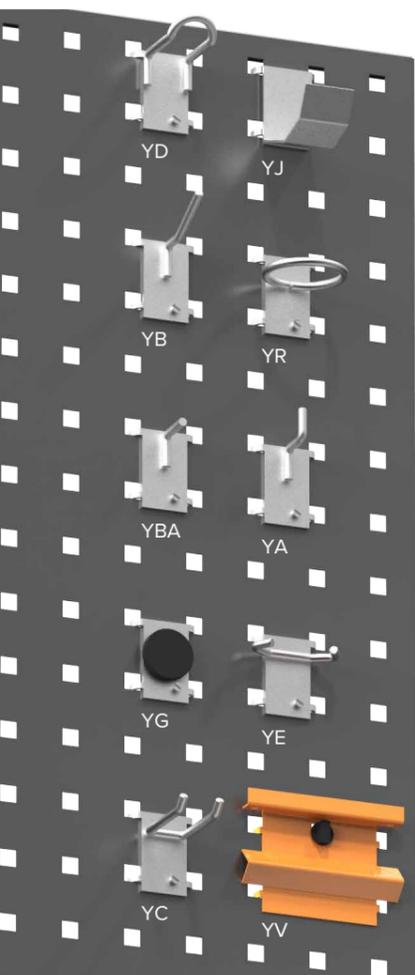
Delivered in pairs



Tiny plastic parts, such as lock odies, handles, labels and plugs, are not ESD conductive.



To store a larger quantity of small spanners, the holder can be divided into two separate ones.



Loop hook

Order number	W x D mm
YD1	25 x 35
YD2	25 x 100

Flat hook

Order number	D mm
YJ1	60
YJ2	100

Simple square hook

Order number	D mm
YB1	25 + 35
YB2	15 + 70

Round hook

Order number	Diameter mm
YR1	40
YR2	60
YR3	80
YR4	100

Straight hook

Order number	D mm
YBA1	20
YBA2	50
YBA3	90
YBA4	140

Simple hook

Order number	D mm
YA1	15
YA2	90
YA3	140

Magnet

Order number	Diameter mm
YG1	30

Double square hook

Order number	W x D mm
YC1	15 x 45
YC2	15 x 90
YC3	30 x 35
YC4	45 x 35
YC5	45 x 90

C hook

Order number	W x D mm
YE1	45 + 25

Plastic box holder

Order number	W mm
YV1ESD	590
YV2ESD	100
YV3LES	410
YV3PES	410
20YV4ESD	550

The YV3 type is intended for the SK cabinets



ESD holder of 1/4" socket heads

Order number	W mm
YH1ESD	342



ESD holder of 1/2" socket heads

Order number	W mm
YK1ESD	380



ESD box

Order number	W x D x H mm
YQ1ESD	342 x 19 x 163



ESD screwdriver holder

Order number	W mm
YX1ESD	228
YX2ESD	340



ESD punch holder

Order number	W mm
YL1ESD	190



ESD allen wrench holder

Order number	W mm
YN1ESD	190



ESD magnetic strip

Order number	W mm
YSM1ESD	415



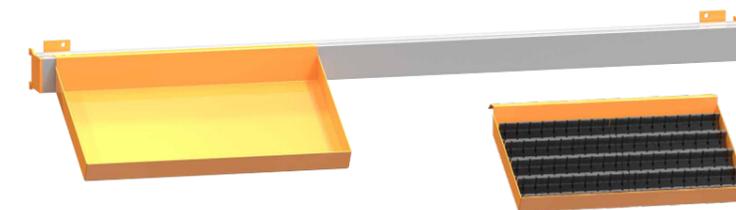
ESD bow support

Order number	W x D mm
YM1ESD	142 x 103



ESD spanner holder vertical

Order number	W mm
YZ1ESD	609



ESD shelf system girder

Order number	W mm
YAL1ESD	910
YAL2ESD	1900
YAL3ESD	2400

The girder is supplied without a shelf

ESD shelf

Order number	W x D mm
YALK1ESD	307 x 152

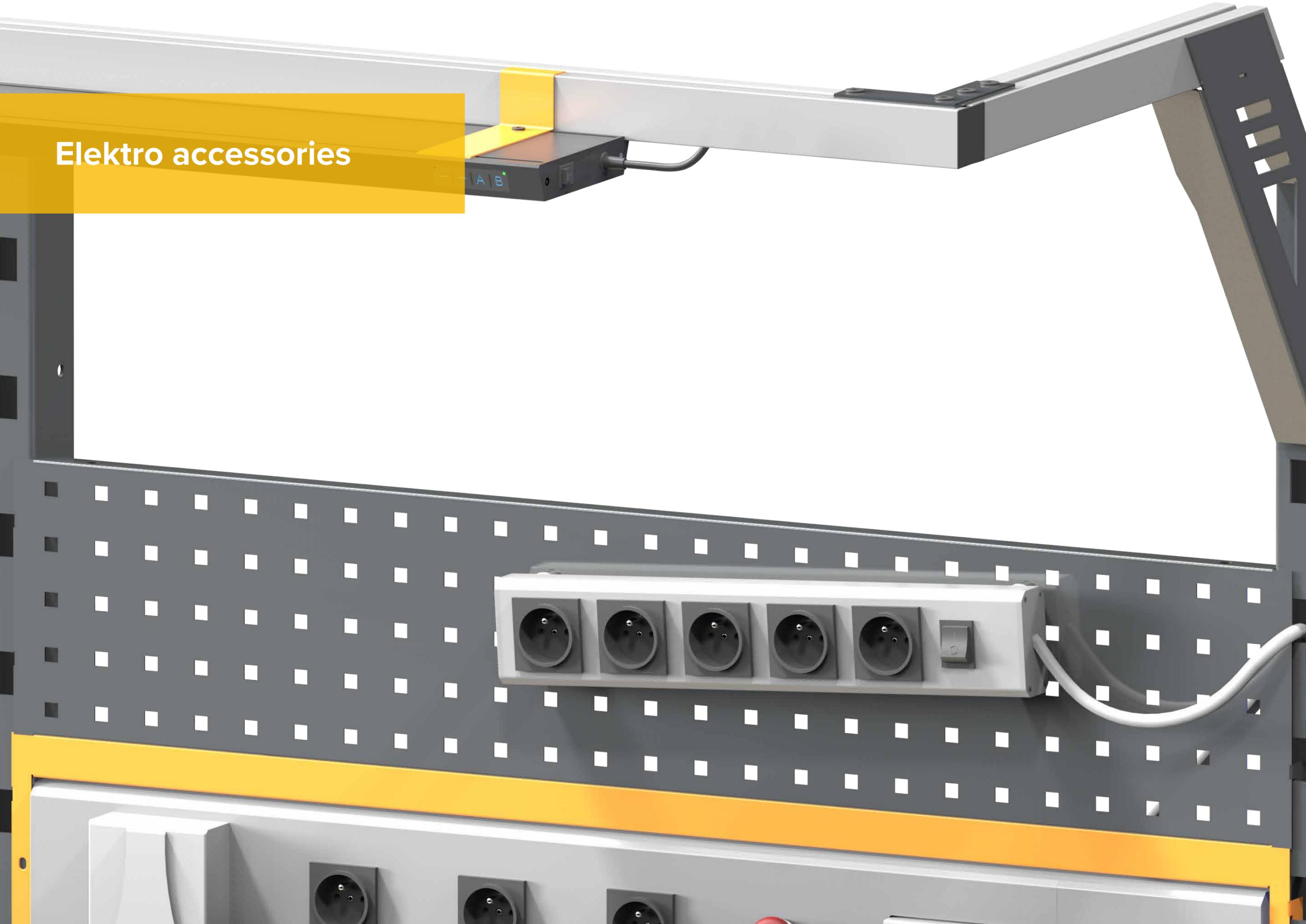
The POLAK plastic partition material can be placed in the shelf, see page 31-32, the shelf is delivered without the partition material



ESD hanging shelf

Order number	W x D x H mm
8YF1ESD	380 x 110 x 100

# Elektro accessories





## Electric strips



All-aluminium certified electric strips, bearing element of the POLAK workshop furniture accessories. Sturdy structure, removable front cover for easy maintenance and elegant design. Safety of the user and electrical equipment is ensured by protecting elements. For more versatile utilization, we have equipped the electric strips with a pneumatic quick coupling. Thanks to that, they can be used in many applications and combinations with the other workshop furniture products. They are delivered with the F-type electric drawers used, for instance, in Germany, or the E-type drawers for the Czech Republic. The jacket of the electric strips is made of anodized aluminium, the properties of which fulfil the requirements of the ČSN EN 61340-5-1 (IEC 61340-5-1:2016) standard; the other components are not ESD conductive.



### Fastening components of electric strips



ESD Fixed to the worktop and workbench foot

Order number EKU1ESD  
provided with ESD paint RAL 7016



ESD Fastening between columns

Order number EKU3ESD  
provided with ESD paint RAL 7016



Fastening components are supplied including connecting materials; in RAL 7016 by default.



Magnetic fastening

Order number EKU2



### Electric strip K1 36D

Type sockets	Order number	W x D x H mm	kg
E (CZ)	EK136	657 x 123 x 66	3,0
F (DE)	EK136F	657 x 123 x 66	3,0

3x socket 230V/10A, 1x switch 230V/10A, circuit - earth leakage breaker 230V/10A, pneumatic quick coupling 1/4", delivered without a supply cable (230V/max 16A) and pneumatic hose



### Electric strip K2 36D

Type sockets	Order number	W x D x H mm	kg
E (CZ)	EK236	657 x 123 x 66	3,1
F (DE)	EK236F	657 x 123 x 66	3,1

3x socket 230V/10A, 1x switch 230V/10A, data socket RJ45, circuit - earth leakage breaker 230V/10A, pneumatic quick coupling 1/4", delivered without a supply cable (230V/max 16A), data cable and pneumatic hose



### Electric strip EN V1

Type sockets	Order number without pneumatic quick coupling	Order number with pneumatic quick coupling	W x D x H mm	kg
E (CZ)	EN11	EN11P	934 x 123 x 66	4,1
E (CZ)	EN12	EN12P	1114 x 123 x 66	4,7
E (CZ)	EN13	EN13P	1414 x 123 x 66	5,6
F (DE)	EN11F	EN11FP	934 x 123 x 66	4,1
F (DE)	EN12F	EN12FP	1114 x 123 x 66	4,7
F (DE)	EN13F	EN13FP	1414 x 123 x 66	5,6

5x sockets 230V/16A, 3x circuit breakers 230V/16A, pneumatic quick coupling 1/4", delivered without a supply cable (400V/max 20A) and pneumatic hose



### Electric strip ZS 27D

Type sockets	Order number	Order number with installation	W x D x H mm	kg
E (CZ)	EZS27	EZS27M	504 x 123 x 66	2,6
F (DE)	EZS27F	EZS27FM	504 x 123 x 66	2,6

3x sockets 230V/16A, 3x circuit breakers 230V/16A, pneumatic quick coupling 1/4", delivered including the drawer cabinet holder, without a supply cable (400V/max. 20A) and pneumatic hose



### Electric strip ZS 45D

Type sockets	Order number	Order number with installation	W x D x H mm	kg
E (CZ)	EZS45	EZS45M	810 x 123 x 66	3,7
F (DE)	EZS45F	EZS45FM	810 x 123 x 66	3,7

4x sockets 230V/16A, 3x circuit breakers 230V/16A, pneumatic quick coupling 1/4", delivered including the drawer cabinet holder, without a supply cable (400V/max. 20A) and pneumatic hose



### Socket type E

Catalog designation E (CZ)

so-called French type, used in the Czech Republic and other countries



### Socket type F

Catalog designation F (DE)

so-called Germany type, used in Germany and other countries



### Electric strip EN V3

Type sockets	Order number without pneumatic quick coupling	Order number with pneumatic quick coupling	W x D x H mm	kg
E (CZ)	EN31	EN31P	934 x 123 x 66	4,9
E (CZ)	EN32	EN32P	1114 x 123 x 66	5,5
E (CZ)	EN33	EN33P	1414 x 123 x 66	6,5
F (DE)	EN31F	EN31FP	934 x 123 x 66	4,9
F (DE)	EN32F	EN32FP	1114 x 123 x 66	5,5
F (DE)	EN33F	EN33FP	1414 x 123 x 66	6,5

3x sockets 230V/16A, 3x circuit breakers 230V/16A, pneumatic quick coupling 1/4", stop button 230V, 1x sockets 400V/16A, 1x circuit breakers 400V/16A, 1x circuit breakers 230V/6A, cut-off voltage release 230V, delivered without a supply cable (400V/max 20A) and pneumatic hose



### Electric strip ZS 36D

Type sockets	Order number	Order number with installation	W x D x H mm	kg
E (CZ)	EZS36	EZS36M	657 x 123 x 66	3,1
F (DE)	EZS36F	EZS36FM	657 x 123 x 66	3,1

3x sockets 230V/16A, 3x circuit breakers 230V/16A, pneumatic quick coupling 1/4", delivered including the drawer cabinet holder, without a supply cable (400V/max. 20A) and pneumatic hose



### ESD Electric strip frame

Order number	W mm	kg
8NPR10ESD	1000	1,0
8NPR12ESD	1200	1,5
8NPR15ESD	1500	1,9

Covering of the gap around the electric strip in the workbench extensions.

123 mm / drawer 125





## Extension supplies



Certified extension supplies in the trade and industry design. The slim all-aluminium body features a simple, yet sturdy structure. On the back, the body is provided with grooves for various types of fixing. Within the electrification of your workshop, it is a minor, but important element. Delivered with the F-type sockets used, for instance, in Germany, or the E-type sockets for the Czech Republic. The jackets of the extension supplies are made of anodized aluminium, the properties of which fulfil the requirements of the ČSN EN 61340-5-1 (IEC 61340-5-1:2016) standard; the other components are not ESD conductive.



### Fastening components of Extension supplies



Socket type E

Catalog designation E (CZ)

so-called French type, used in the Czech Republic and other countries



Socket type F

Catalog designation F (DE)

so-called Germany type, used in Germany and other countries



Fastening to the worktop and workbench foot

Order number EKU4ESD

provided with ESD paint RAL 7016



Magnetic fastening

Order number EKU2



Extension supply ZS 27D

Type sockets	Order number	Order number with installation	W x D x H mm	kg
E (CZ)	PPZS27	PPZS27M	504 x 73 x 34	1,2
F (DE)	PPZS27F	PPZS27FM	504 x 73 x 34	1,2

3x socket 230V/16A, 1x switch 230V/16A, supply cable 3 m with an outlet at the back of the profile, delivered including a holder into the drawer cabinet, plug for connection



Extension supply ZS 36D

Type sockets	Order number	Order number with installation	W x D x H mm	kg
E (CZ)	PPZS36	PPZS36M	657 x 73 x 34	1,4
F (DE)	PPZS36F	PPZS36FM	657 x 73 x 34	1,4

3x sockets 230V/16A, 1x switch 230V/16A, supply cable 3 m with an outlet at the back of the profile, delivered including a holder into the drawer cabinet, plug for connection



Extension supply ZS 45D

Type sockets	Order number	Order number with installation	W x D x H mm	kg
E (CZ)	PPZS45	PPZS45M	810 x 73 x 34	1,7
F (DE)	PPZS45F	PPZS45FM	810 x 73 x 34	1,7

4x sockets 230V/16A, 1x switch 230V/16A, supply cable 3 m with an outlet at the back of the profile, delivered including a holder into the drawer cabinet, plug for connection

73 mm / drawer 75



Extension supply 250 mm

Type sockets	Order number	W x D x H mm	kg
E (CZ)	PP250	250 x 73 x 34	0,8
F (DE)	PP250F	250 x 73 x 34	0,8

3x socket 230V/16A, 1x switch 230V/16A, supply cable 3 m with an outlet on the side part of the profile



Extension supply 400 mm

Type sockets	Order number	W x D x H mm	kg
E (CZ)	PP400	400 x 73 x 34	1,1
F (DE)	PP400F	400 x 73 x 34	1,1

5x socket 230V/16A, 1x switch 230V/16A, supply cable 3 m with an outlet on the side part of the profile



Extension supply 700 mm

Type sockets	Order number	W x D x H mm	kg
E (CZ)	PP700	700 x 73 x 34	1,7
F (DE)	PP700F	700 x 73 x 34	1,7

9x socket 230V/16A, 1x switch 230V/16A, supply cable 3 m with an outlet on the side part of the profile



Extension supply 700 mm can be used, for instance, as a charging station for accumulators in SK or UK type cabinets, in which the simple magnetic fastening fits perfectly.

### Use of electric strips and extension supplies



magnetic fastening of the electric strip

also suitable for the extension supply

electric strip in frame between columns

fastening to the worktop

also suitable for the extension supply

electric strip in the drawer cabinet

also suitable for the extension supply

fastening under the worktop

also suitable for the extension supply

fastening to the workbench foot

also suitable for the extension supply



## Lighting

The POLAK company has invested in the development of its own lighting and the present trend – maximum energy saving at the maximum output. The original aluminium lighting body, original electronics, LED technology, quality workmanship – all that characterizes the SLIMp lighting bodies manufactured by the POLAK company. They combine an elegant slim design with excellent output parameters. The lighting body is made of anodized aluminium, the properties of which fulfil the requirements of the ČSN EN 61340-5-1 (IEC 61340-5-1:2016) standard; the other components are not ESD conductive.

### SLIMp technical description

anodized all-aluminium body with multifunctional longitudinal grooves, power supply 230V / 50Hz, power consumption 58 W and 17 W mechanical switch, electrical connecting cable of 3 m length LED diodes LG Innotek, micro-prism diffuser – low UGR light colour – chromaticity temperature 4000 K capacitive control of buttons

### Light electronics function

The plus and minus buttons are used to regulate luminous flux within the range of 30–80 %.

**Button A** - automatic regulation for stepless control of preset light conditions in the workplace depending on the ambient light conditions.

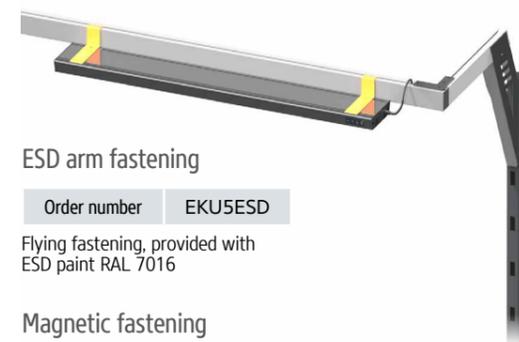
**Button B** - maximum 100 % light output; after 5 minutes, returns to the original value (80 % output).



### SLIMp light

Order number for natural anodized	Order number for black anodized	W x D x H mm	kg
SLIMp58	SLIMp58B	1000 x 136 x 26	2,4
SLIMp30	SLIMp30B	600 x 136 x 26	2,0

### LED light fastening



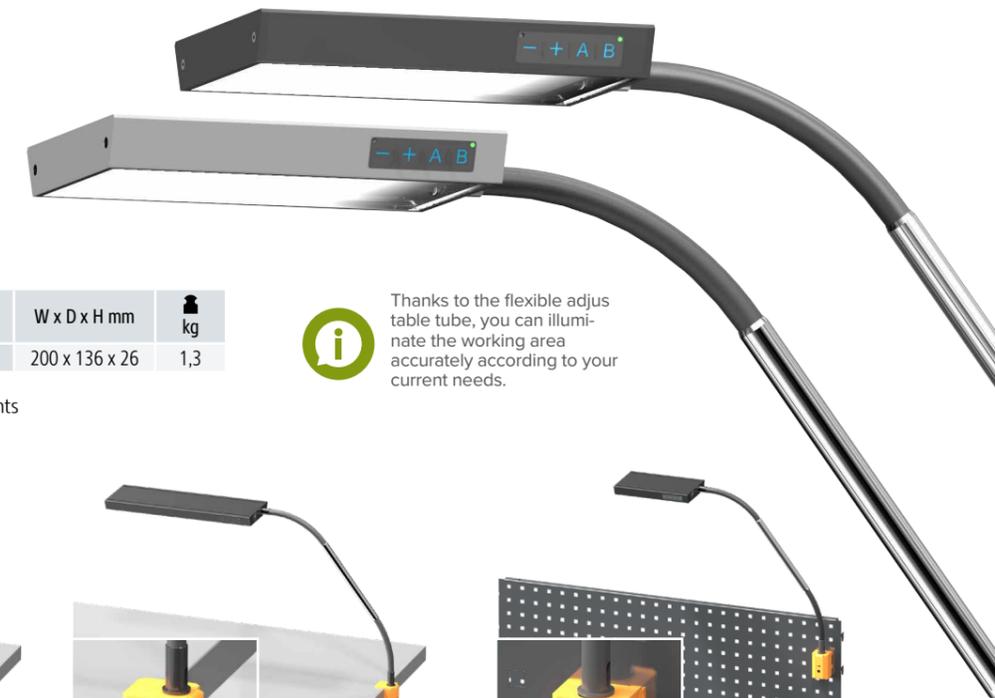
### ESD arm fastening

Order number EKU5ESD

Flying fastening, provided with ESD paint RAL 7016

### Magnetic fastening

Order number EKU2



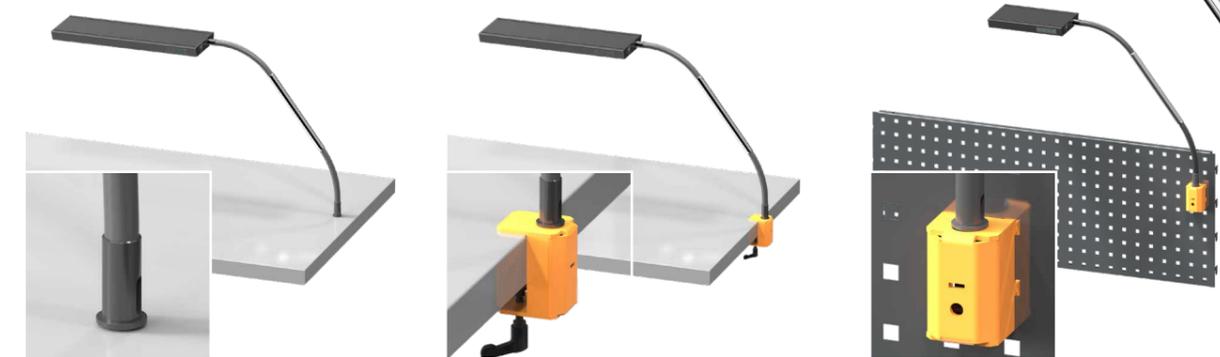
### SLIMp lamp

Order number for natural anodized	Order number for black anodized	W x D x H mm	kg
SLIMp17	SLIMp17B	200 x 136 x 26	1,3

Flexible tube length: 600 mm, the lamp is delivered without fixing components



Thanks to the flexible adjustable tube, you can illuminate the working area accurately according to your current needs.



### Fastening to the top

Order number EKU6

Rotary design

### ESD fastening to the top side

Order number EKU8ESD

Rotary design, provided with ESD paint RAL 7016

### ESD perforated fastening

Order number EKU7ESD

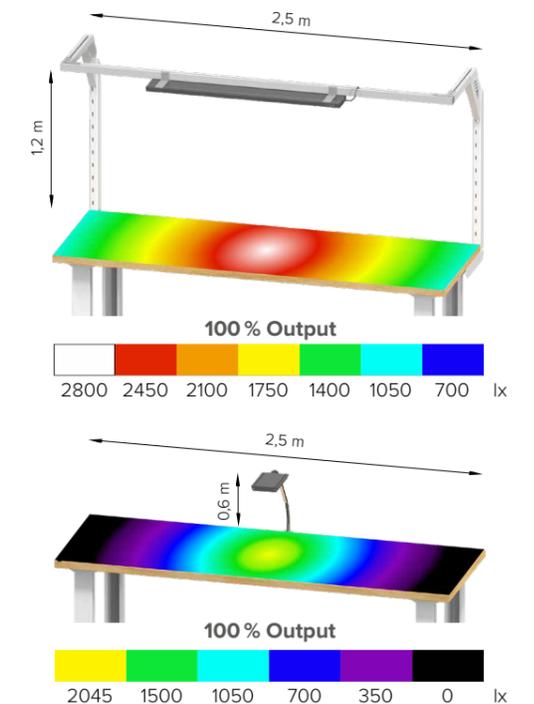
Rotary design, provided with ESD paint RAL 7016

### Technical data of the SLIMp58 light

Output	luminous flux	power consumption	luminous intensity Emax. (1.2 m above the working surface)
100%	6 000 lm	51 W	1 570 lx
80%	4 800 lm	41 W	1 275 lx
50%	2 990 lm	26 W	785 lx
30%	2 000 lm	15 W	471 lx

### Technical data of the SLIMp17 lamp

Output	luminous flux	power consumption	luminous intensity Emax. (0,6 m above the working surface)
100%	1 625 lm	18 W	2 045 lx
80%	1 360 lm	14 W	1 640 lx
50%	820 lm	9 W	1 022 lx
30%	542 lm	5 W	614 lx



# Workshop cabinets



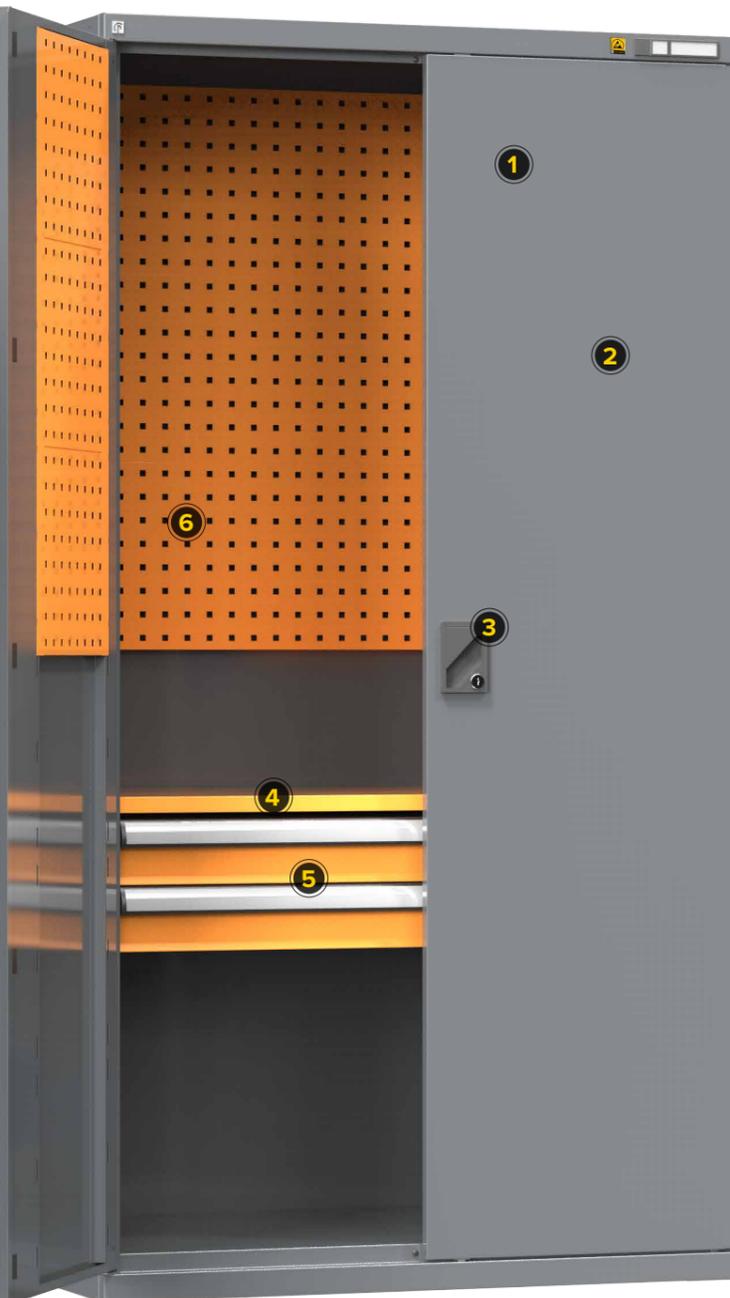
## ESD workshop cabinets

The POLAK antistatic cabinet offers a well-arranged layout of the material being processed and tools. In the antistatic version, these cabinets are offered in two structural designs. The robust and bigger SK cabinets enable the installation of drawers and are used for the storage of bigger objects. The lighter UK version of cabinets is primarily used for the storage of smaller material or as storage of ESD plastic boxes. Metal parts of cabinets are provided with ESD paint and earthing points. Tiny plastic parts, such as lock bodies, handles, plugs and labels, are not ESD conductive. The cabinets fulfil the requirements of the ČSN EN 61340-5-1 (IEC 61340-5-1:2016) standard.



### Basic colour scheme

Unless a required colour is specified in the order, the colour scheme of RAL 7016 for the housing and RAL 1028 for the drawers (door) is used. The colour scheme can only be changed in the combination of RAL 7016 and RAL 1028.



- 1 ESD colour scheme  
the products are provided with antistatic RAL 7016 and RAL 1028 paint, which can be mutually combined
- 2 workshop cabinet door  
selection between solid door and glass door made from shatter-proof hardened glass
- 3 plastic components  
tiny plastic parts, such as lock bodies, handles, plugs and labels, are not ESD conductive
- 4 shelf  
provided with ESD paint, loading capacity: 100 kg, height adjustable
- 5 drawers  
drawer size 54 x 27 D in several heights, loading capacity: 70 kg
- 6 accessories  
the workshop cabinet can be equipped with a wide variety of accessories, such as perforated panels, a base or a pocket for documents, and a suspension system



## Standard configuration

Width 1044 mm



Height 1950 mm, depth 625 mm

Door	Order number	kg	kg
solid	SK1-001ESD	600	96
glass	SK1-001SESD	600	98

4 ESD painted shelves, loading capacity: 100 kg, shatter-proof hardened glass



Height 1950 mm, depth 625 mm

Door	Order number	kg	kg
solid	SK1-002ESD	600	119
glass	SK1-002SESD	600	122

4 ESD painted shelves, loading capacity: 100 kg, 2 drawers 100E, shatter-proof hardened glass

Width 950 mm



Height 1950 mm, depth 400 mm

Door	Order number	kg	kg
solid	UK1-001ESD	400	71
glass	UK1-001SESD	400	75

1 ESD painted shelf, loading capacity: 100 kg, shatter-proof hardened glass

## Standard configuration

Width 950 mm



Height 1950 mm, depth 400 mm

Door	Order number	kg	kg
solid	UK1-B11ESD	110	400
glass	UK1-B11SESD	114	400

9 ESD painted shelves, loading capacity: 100 kg,  
40 boxes 200 x 350 x 150 mm made from antistatic ABS,  
shatter-proof hardened glass



Height 1950 mm, depth 400 mm

Door	Order number	kg	kg
solid	UK1-B21ESD	107	400
glass	UK1-B21SESD	111	400

9 ESD painted shelves, loading capacity: 100 kg,  
24 boxes 200 x 350 x 150 mm made from antistatic ABS,  
20 boxes 145 x 235 x 125 mm made from antistatic ABS,  
shatter-proof hardened glass

Width 700 mm



Height 1950 mm, depth 400 mm

Door	Order number	kg	kg
solid	UK2-B11ESD	100	84

10 ESD painted shelves, loading capacity: 100 kg,  
44 boxes 145 x 235 x 125 mm made from antistatic ABS

Height 1950 mm, depth 400 mm

Door	Order number	kg	kg
solid	UK2-B21ESD	400	89

12 ESD painted shelves, loading capacity: 100 kg,  
32 boxes 145 x 235 x 125 mm made from antistatic ABS;  
30 boxes 100 x 175 x 75 mm made from antistatic ABS

## Custom configuration

### How to assemble your own workshop cabinet configuration

- Select the size of workshop cabinet housing.
- Select the door type – solid or glass.
- Select equipment of the workshop cabinet.
- Select accessories.
- Select drawer partition or plastic boxes.

### 1 Workshop cabinet housings

Select a suitable size of workshop cabinet housing. Within the ESD program, we offer 3 housing variants, all of them 1950mm in height, and 2 door options – solid and glass.

Workshop cabinet housings:

#### Typ SK1

Width 1044 mm, depth 625 mm



#### Typ UK1

Width 950 mm, depth 400 mm



#### Typ UK2

Width 700 mm, depth 400 mm



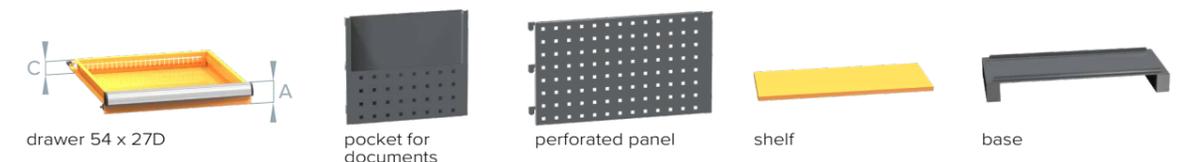
### 2 Workshop furniture equipment

Select suitable equipment for each housing size.

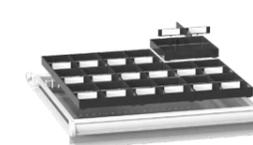
Workshop cabinets of the **SK1 type** can be equipped with a solid or glass door, drawers with partial extension, shelves, base, perforated panels on the rear wall, side walls and a door with a pocket for documents.

Workshop cabinets of the **UK1 type** can be equipped with a solid or glass door, shelves, base and ESD plastic boxes.

Workshop cabinets of the **UK2 type** can be equipped with a solid or glass door, shelves, base and ESD plastic boxes.



### 3 Drawer partition and plastic boxes



#### Drawer partition - boxes

Manufactured in a ground plan size of 153 x 153 mm and three heights from antistatic ABS (dissipative).



#### Drawer partition - troughs

Manufactured in a ground plan size of 153 x 153 mm and three heights from antistatic ABS (dissipative).



#### Plastic boxes

Manufactured in 5 sizes from antistatic PP (dissipative).

For suitable metal partitions of drawers, see page 35, series for drawers ZC 54 x 27D.



ESD workshop cabinet housing				ESD drawers			ESD drawer partition – boxes		ESD drawer partition – troughs					
SK1 height 1950 mm				Width mm	Depth mm	Door	Order number	A mm	C mm	Order number	Min. height of drawer face mm	Order number	Trough width mm	Order number
1044	625	solid	SK1-100ESD	75	50	ZCE75ESD	75	5427PK25ESD	70	5427PU2ESD	100	5427PK75ESD	33	5427PU4ESD
				100	75	ZCE100ESD								
				125	75	ZCE125ESD								
		glass	SK1-100SESD	150	125	ZCE150ESD	75	5427PK50ESD	45	5427PU3ESD				
				200	175	ZCE200ESD								
				250	175	ZCE250ESD								
300	275	ZCE300ESD												



ESD workshop cabinet housing				ESD shelf			ESD base	
UK1 height 1950 mm				Width mm	Depth mm	Order number	Height mm	Order number
950	400	solid	UK1-100ESD	915	367	UK1-1PESD	100	UK1-SOESD
		glass	UK1-100SESD					



ESD workshop cabinet housing				ESD shelf			ESD base	
UK2 height 1950 mm				Width mm	Depth mm	Order number	Height mm	Order number
700	400	solid	UK2-100ESD	665	367	UK2-1PESD	100	UK2-SOESD



ESD shelf			ESD base		ESD pocket for documents		ESD perforated panel for door		ESD perforated panel for side wall		ESD perforated panel for rear wall	
Width mm	Depth mm	Order number	Height mm	Order number	Width mm	Order number	Width mm	Order number	Width mm	Order number	Width mm	Order number
1010	570	SK1-007PESD	100	SK1-SOESD	350	SK1-P4ESD	350	SK1-P1ESD	528	SK1-P2ESD	1032	SK1-P3ESD

ESD plastic boxes



Order number	W x D x H
456142	300 x 500 x 200



Order number	W x D x H
456132	200 x 350 x 150



Order number	W x D x H
456122	145 x 235 x 125



Order number	W x D x H
456107	100 x 175 x 75



Order number	W x D x H
456102	100 x 100 x 60

Plastic boxes are manufactured from antistatic plastic. They are designed with semiconductor properties, fulfilling the requirements for antistatic workplaces. The box bottom is adapted for easier grasping of tiny objects. The boxes are equipped with a peripheral tightening rim for higher strength, a large embedded handle with an area for a description label and rear suspension strip.



ESD program 2020

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