WORKSPACE AND STORAGE EQUIPMENT

ESD SOLUTIONS

LISTA

LISTA
YOUR PARTNER FOR MORE THAN 70 YEARS

For over 70 years, LISTA has been providing efficient and organised workspace and storage solutions, the most popular of which are now showcased in the new LISTA Compact. For the first time, we have selected a range of the most popular solutions in each product group. In addition, each product can still be configured as per your requirements and ordered individually. With all the benefits LISTA offers now even more clearly presented.

LISTA: Benefits at a glance

+ **Comprehensive range**
from A for access control to W for workstation systems

+ **The system concept**
all products can be freely combined

+ **Bespoke solutions**
for customers with specific needs

+ **Maximum flexibility**
with a choice of colours, configuration options and more

+ **A wide range of services**
such as training, assembly, labelling, etc.

+ **Expert planning**
with our LISTA Draw visualisation software

+ **10-year guarantee**
unique in the industry

+ **Worldwide distribution and service network**
for unlimited customer service

+ **First-class references**
from more than 100,000 prestigious companies worldwide

Table of contents

SAFE HANDLING OF ELECTRONIC COMPONENTS

ESD stands for electrostatic discharge, which occurs when two objects at different potentials come into direct contact with each other. In modern workplaces, an electrostatic charge can give rise to high voltages depending on the humidity level.

When is ESD dangerous or harmful?

It often goes unnoticed by people due to its low energy. However, even very small electrical discharges can quickly damage electronic components or lead to a hidden defect. If damage caused by ESD is noticed too late, high repair or replacement costs can result. Worse than the financial damage is the additional subsequent damage to reputation if, for example, a complete product batch is affected, which can, in turn, lead to a loss of customers.

The general rule therefore is:
„Where there is no charge, there is no discharge".

ESD-safe equipment for handling ESD-sensitive components reduces the risk of static discharge to a minimum. This requires a comprehensive protection concept.

Warning symbol for ESD sensitive components

ESD protection components

The comprehensive ESD work programme from LISTA

In order to avoid high costs, LISTA offers a complete ESD planning and implementation service – from advice to installation. LISTA has combined years of experience in workstation development with a sound knowledge of ESD problems and developed a comprehensive range of ESD workstations: **all surfaces have a colour coating developed by LISTA which dissipates charges in a controlled manner and prevents electrostatic discharge.**

! **IMPORTANT!**
All ESD protection zones must be checked regularly!

A comprehensive ESD protection zone includes the following areas:

1   WORKSTATIONS

The perfect ESD workstation is ergonomically adaptable and ESD protected. Electrostatic charges are dissipated in a controlled manner via the working surface and grounding cable so that the workstation stays charge-neutral (see p. 16/17).
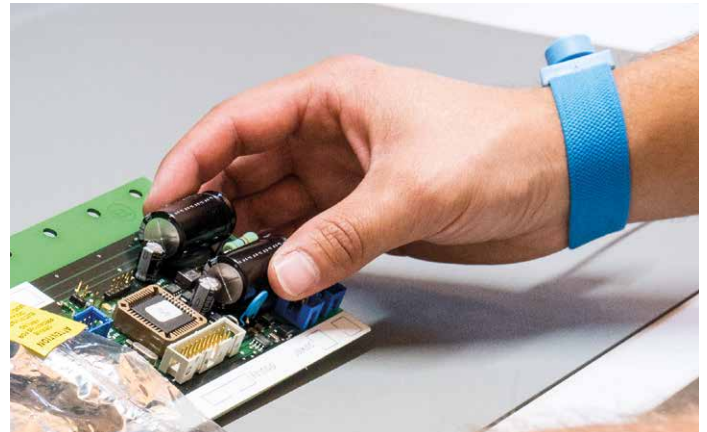
2   PERSONNEL GROUNDING

People are a primary source of electrostatic charges. Wrist strap with grounding cable and shoes are therefore recommended for people working in an electronics manufacturing environment. Desk chairs or stand-up seats should also have ESD protection (see p. 50).

3   STORAGE

Electronic components are best stored in closed ESD drawers or hinged door cabinets as well as ESD shelving (Faraday cage) with appropriate ESD containers (see p. 93).
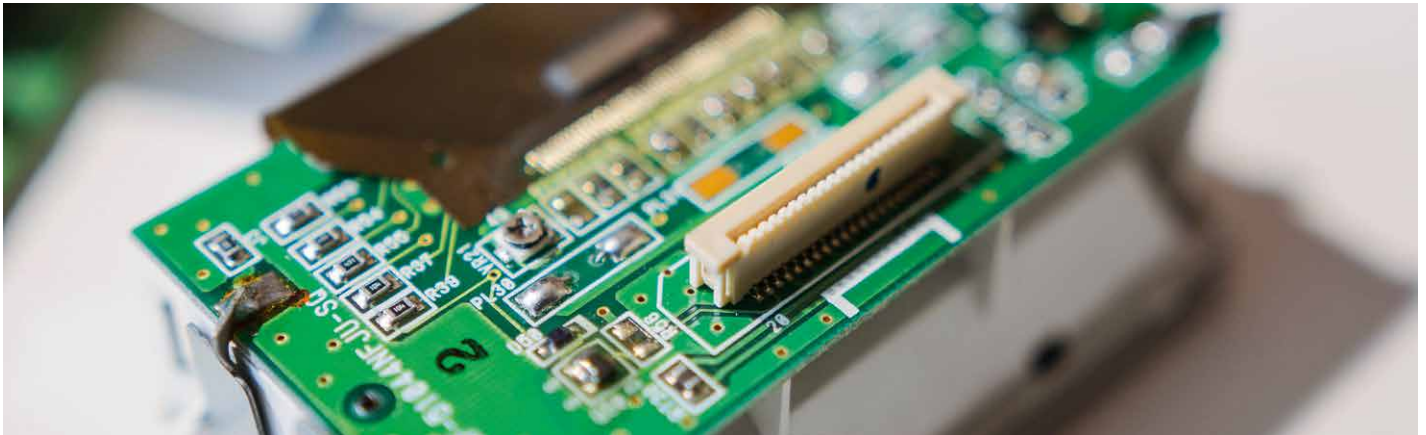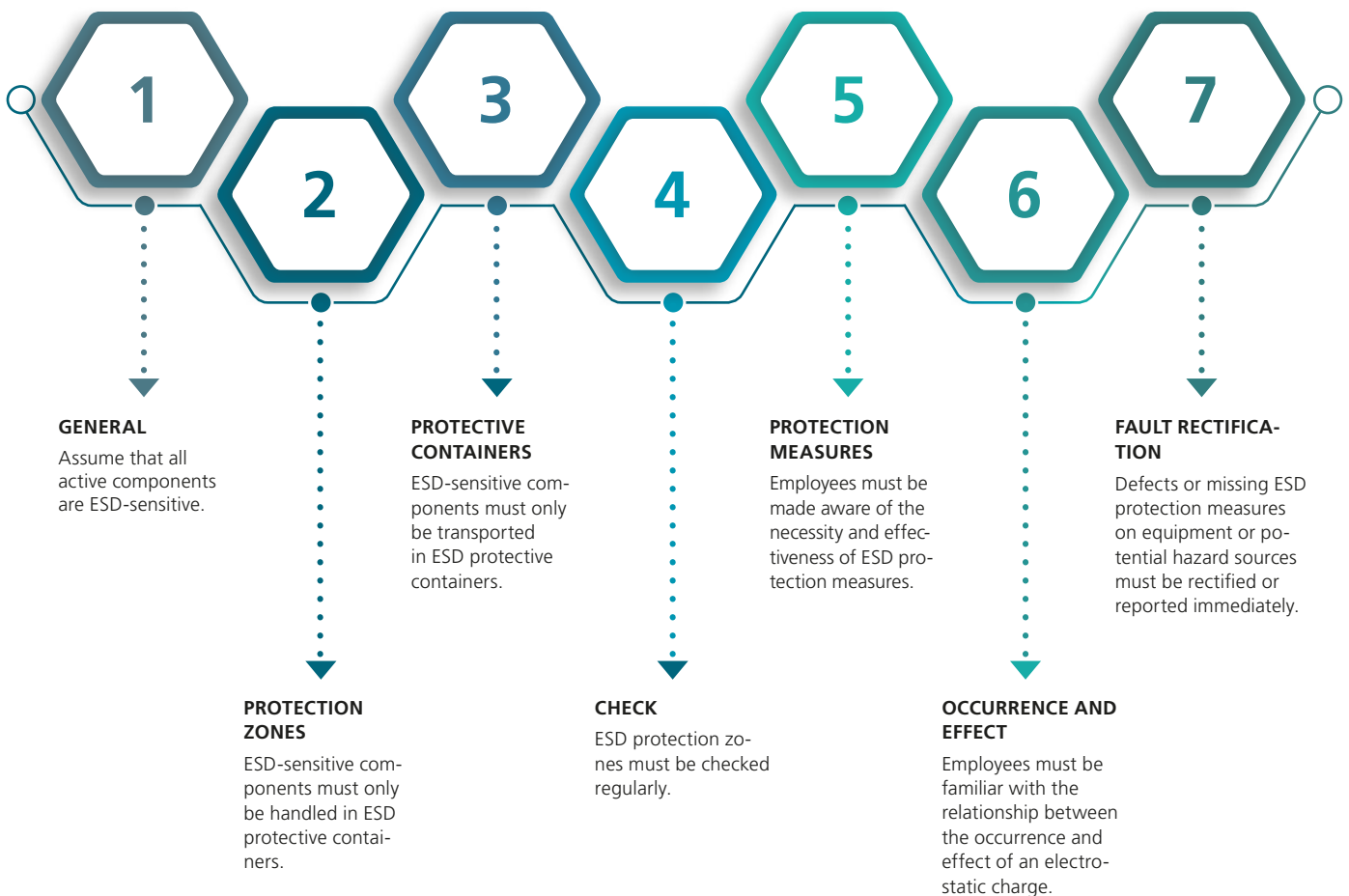

4   MARKINGS

ESD-protected areas must be marked. Signs or additional labels should be used to warn of ESD-sensitive components (see p. 53).

How are companies affected by ESD?

„They work on components without knowing whether or not these components can be damaged during production."
Checklist for the equipment and maintenance of ESD protection zones to comply with the following ESD basic principles:
**„Where there is no charge, there is no discharge".**

ESD checklist for companies

1

GENERAL

Assume that all active components are ESD-sensitive.

2

PROTECTION ZONES

ESD-sensitive components must only be handled in ESD protective containers.

3

PROTECTIVE CONTAINERS

ESD-sensitive components must only be transported in ESD protective containers.

4

CHECK

ESD protection zones must be checked regularly.

5

PROTECTION MEASURES

Employees must be made aware of the necessity and effectiveness of ESD protection measures.

6

OCCURRENCE AND EFFECT

Employees must be familiar with the relationship between the occurrence and effect of an electrostatic charge.

7

FAULT RECTIFICATION

Defects or missing ESD protection measures on equipment or potential hazard sources must be rectified or reported immediately.

EVERYTHING FITS
ALSO FOR OUR RANGE OF ESD PRODUCTS

The LISTA system concept provides complete workspace and storage solutions - from workshop to office. The vast number of add-ons, equipment options, and configurations means that you can always create the solution that is right for you. The system also provides optimum ergonomics and smooth workflow processes.
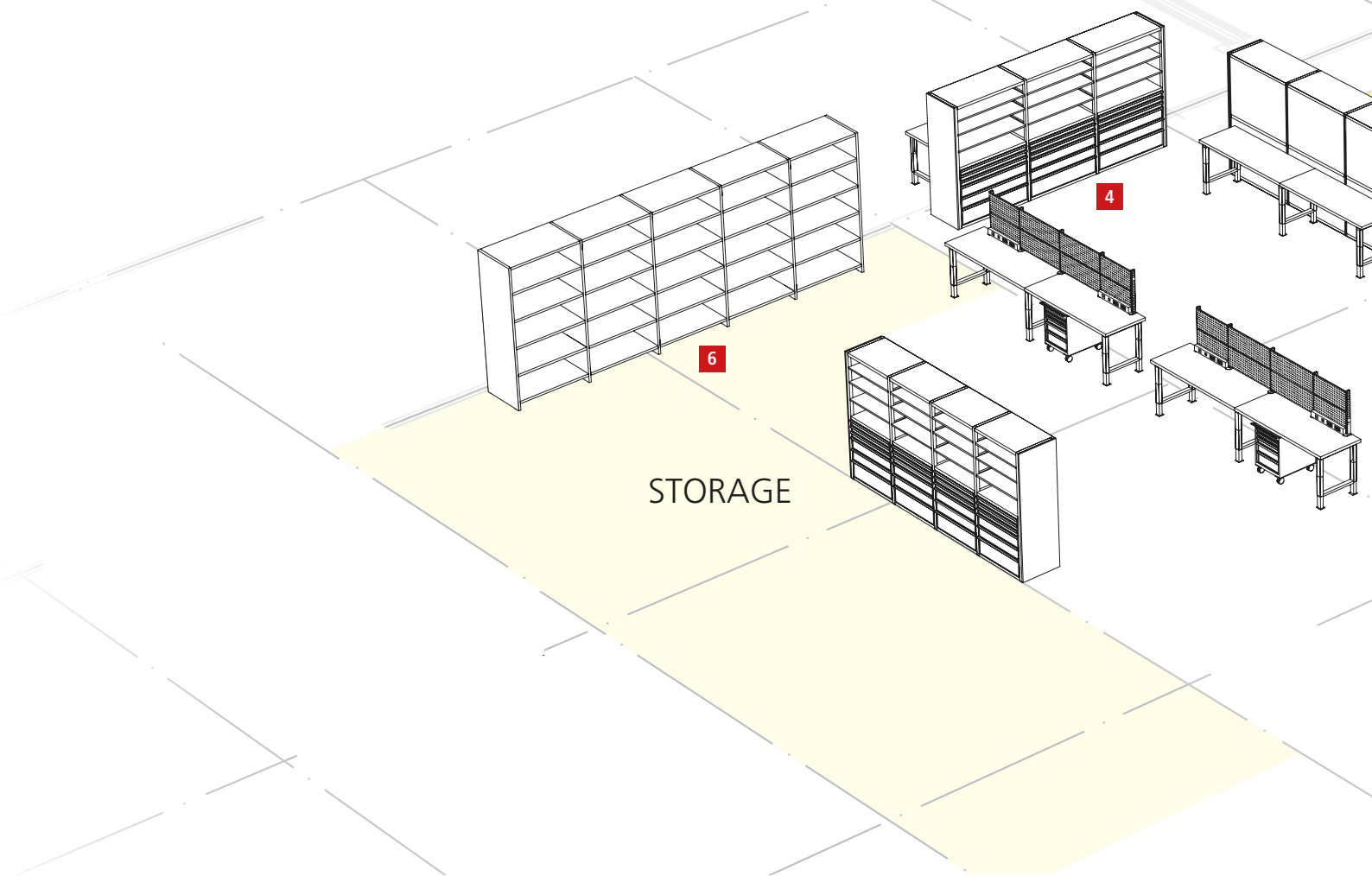
STORAGE

	1	Workbench see p. 14
	2	Individual workstation see p. 24
	3	Drawer cabinet see p. 54 ff.
	4	Drawer storage wall see p. 74 ff.

PRODUCTION

WORKSHOP

1

ASSEMBLY

5

2

3
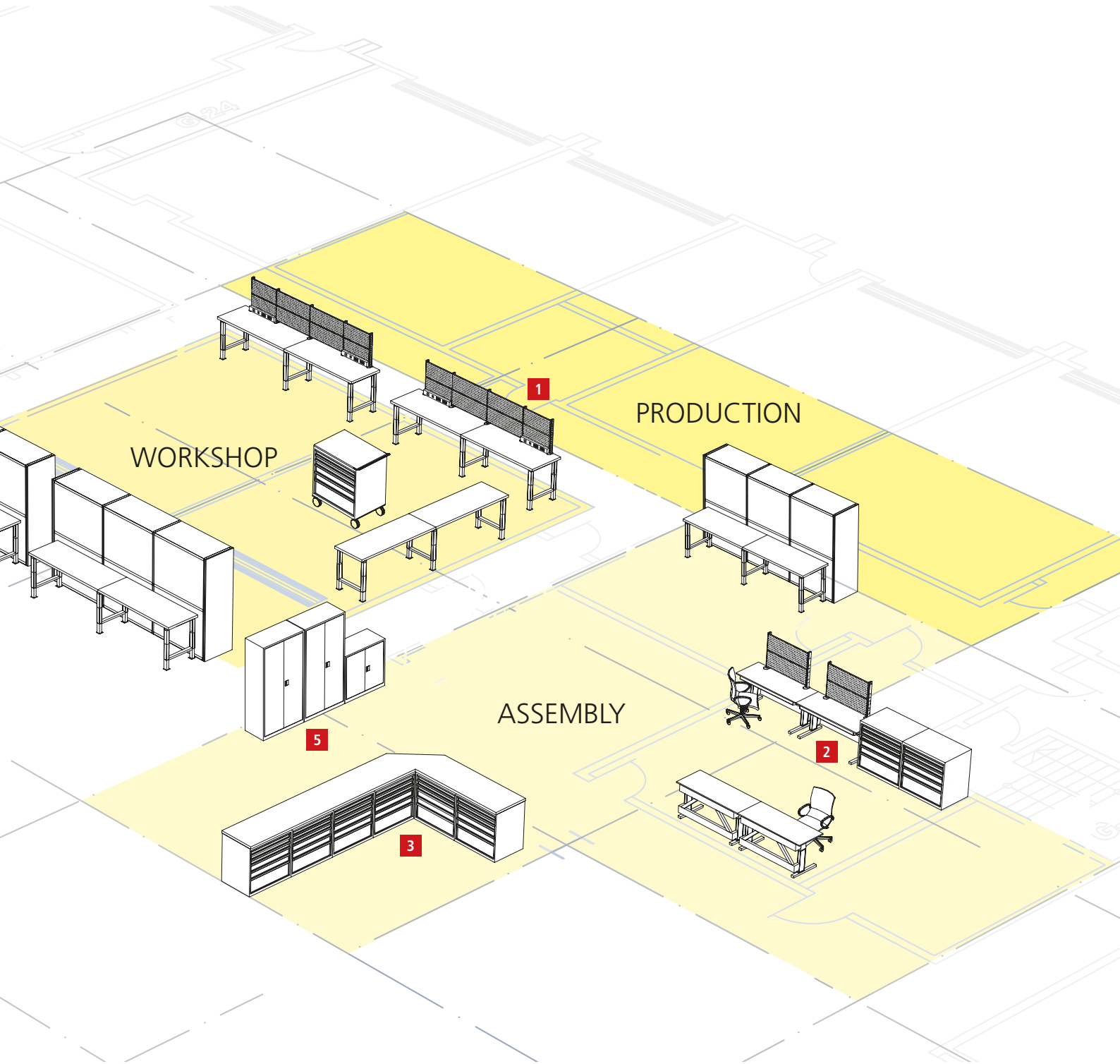
5 Hinged door cabinet
see p. 78

6 L1006 universal shelving
see p. 84

STATE-OF-THE-ART SECURITY

The latest generation of LISTA locking systems combines easy operation/access with maximum flexibility. As such, our RFID-operated electronic locking systems are now even more variable and easier to use. The different systems can be freely combined to create a locking system that perfectly suits you and your requirements. We are happy to advise you.

+ Modular locking system
perfectly adapted to your needs

+ Easy to use
directly on the lock
(in all variants)

+ Optimal control and management
via software with standard USB cable connected to the USB front port on the lock
(for types .C, .F or .A)

+ Capacitive keypad
impervious to wear and easy to clean thanks to PCT technology

+ Mobile access
via RFID badge and RFID card

+ Easy energy supply
via mains adaptor or batteries for easy replacement on the front of the lock

+ Optional retrofitting
for existing cabinets

LISTA

KEY LOCK
PROVEN STANDARD
LOCKING SYSTEM

KEY Lock, our standard locking system with replaceable cylinders.

- **Manual opening/locking** with key
- Simultaneously lockable for multiple, as well as different, products with only one key or separately lockable with several keys
- Key availability guaranteed for years

CODE LOCK
THE MODERN SOLUTION WITH
NUMBER COMBINATION

When locking with CODE Lock, the key is replaced by a number combination. A simple four to six-digit code is all that is needed to open the product.

- **Manual opening/locking** with number code
- Lock readout and programming with LISTA Access Software (option)

NEW

RFID LOCK
READY FOR THE FUTURE: THE SOLUTION
WITH RFID BADGE

In addition to the CODE Lock, the LISTA RFID Lock enables opening and locking via standard radio-frequency identification (RFID). It consists of a transponder in the lock and standard mobile RFID badges/cards/tags.

- **Manual opening/locking** via RFID badge or number code
- Most standard RFID badges/cards/tags can be used
- Lock readout and programming with LISTA Access Software (option)

NEW

AUTO LOCK
THE ULTIMATE SOLUTION: AUTOMATIC OPENING
AND LOCKING

The LISTA AUTO Lock features the same functionality as our RFID Lock, however opening and locking take place automatically. With LISTA Access Software (option), time profiles can also be programmed in the lock or on the user for time-limited access for increased security.

- **Automatic opening/locking** via RFID badge or number code
- Most standard RFID badges/cards/tags can be used
- Locks automatically after a preset time or at the push of a button
- Lock readout and programming with LISTA Access Software (option)
- Time-limited access programmable via LISTA Access Software (option)

NEW

	KEY Lock	CODE Lock	RFID Lock	AUTO Lock
MANUAL ACCESS				
Key	+			
Max. number of different cylinders	unlimited			
Max. number of locks	unlimited			
ELECTRONIC ACCESS				
Code		+	+	+
Max. number of user codes		100	100	100
RFID			+	+
Max. number of locks		unlimited	unlimited	unlimited
Automatic opening/locking				+
MANAGEMENT				
Lock ID Code		+	+	+
LISTA Access Software		+	+	+
INTERFACES				
Free contact for external systems			+	+

Extensive accessories for our locking systems

Program badges
Set of 5, colour: white
Art. no. **19.581.000**

User badges
Set of 5, colour: blue
Art. no. **19.580.000**

RFID card reader
for PC
Art. no. **19.591.000**

Icon key:

Key
With replaceable cylinders and two keys

Pin code
10 digits for 4 to 6-digit codes

RFID badge / RFID card / Pin code
Supports the standards:
see www.lista.com/locks

Automatic opening/locking with RFID badge / RFID card / Pin code
Supports the standards:
see www.lista.com/locks

i When ordering a **LISTA product with electronic lock,** please add the suffix of the relevant **lock type/ locking type (.C, .F or .A)** to the article number from the table (e.g. **71.088.XXX.C**).

Order example for drawer cabinet with:

|	
CODE Lock	= 71.088.XXX.**C**
RFID Lock	= 71.088.XXX.**F**
AUTO Lock	= 71.088.XXX.**A**

With the LISTA Access Software, you have a particularly easy and user-friendly solution for managing your LISTA CODE or RFID Lock or AUTO Lock. It enables faster learning and management of the lock, users and user groups via USB. Other additional functions are also available such as changing the Lock ID Code or creating summary assignment tables (authorisations).

System requirements
Operating system: Windows 7 or higher
CPU: Intel Atom or similar (recommended Intel i3 or higher)
RAM: 2 GB (recommended 4 GB)
Free hard disk space: 500 MB (recommended 1 GB)

Functions
· Lock training and management
· User management
· Group classification
· Assignment table (authorisations)
· Synchronisation of lock and database via USB
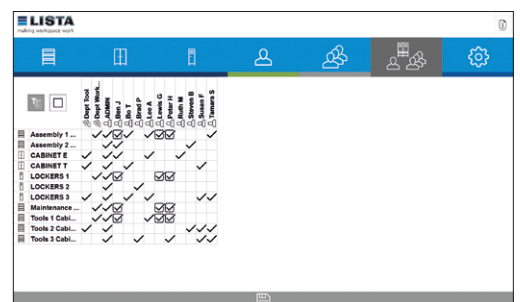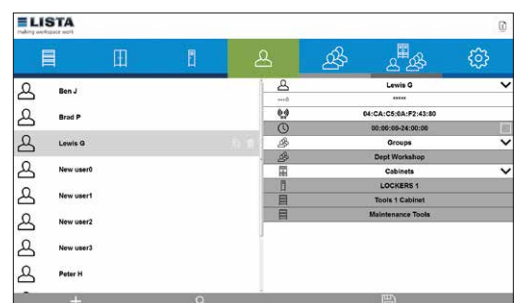
LISTA Access Software
Art. no. **19.590.000**

Further information and downloads at:
www.lista.com/locks

ESD workbenches and workstation systems

WELL ORGANISED

The range of ESD workstation systems from LISTA offer – with a wide range of combination options – an all-in solution for optimising ESD workstations and workflows. The individually combinable workbenches and workstation systems can be arranged to create optimal working conditions. The seamless integration of components turns simple workstations into functional system solutions for optimum ergonomics and cost-effectiveness.

! ALWAYS WITH LISTA

Free choice of colours
Four standard colours, additional colours available on request; see p. 97

Intelligent locking systems
Replaceable cylinders which can be fitted to existing locking systems, electronic numeric and remote locking systems via RFID Lock for absolute security made to measure; see p. 10

Individual configuration options
in size, equipment, locking system, colour and drawer partitions

Fully combinable
with the entire LISTA range thanks to the standardised unit of measurement

+ ESD protection
workbenches and individual workstations
are ESD compliant

+ Utmost stability
thanks to a high load-bearing capacity, workbench
tops and worktops are extremely robust and resistant

+ User-friendly and ergonomic
height adjustable for optimum working heights and
leg room when sitting and standing

+ Easily adaptable to new working environments
flexible integration and reconfiguration of all
components in the modular system

+ Fully mobile
when fitted with rubber castors for mobile use

+ Space-saving and well-organised storage
in freely combinable and configurable
LISTA ESD drawer cabinets

» ESD workbenches

» Universal ESD superstructures

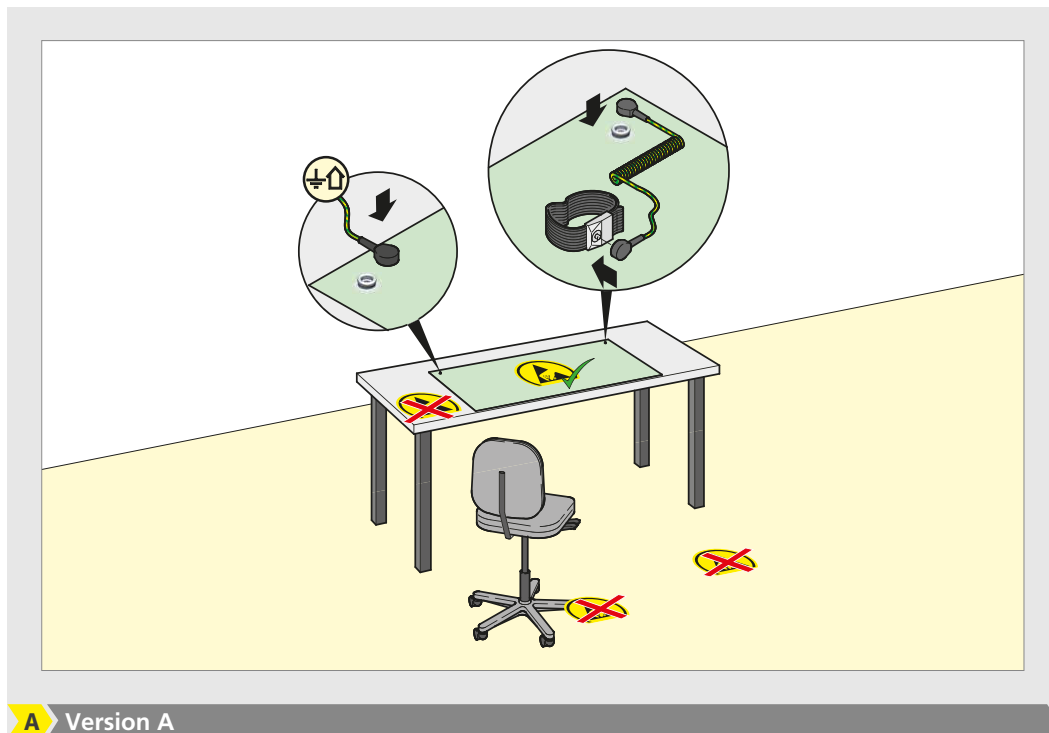**» General benefits of the LISTA ESD drawer cabinets**

» ESD desk chairs

+ Configure and order ESD zones individually

Choose the degree of protection of your ESD zone

Explanation of symbols

Worktop earthing
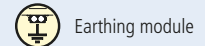
Earthing module

Cabinet earthing
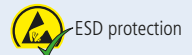
ESD protection
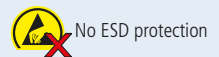
No ESD protection
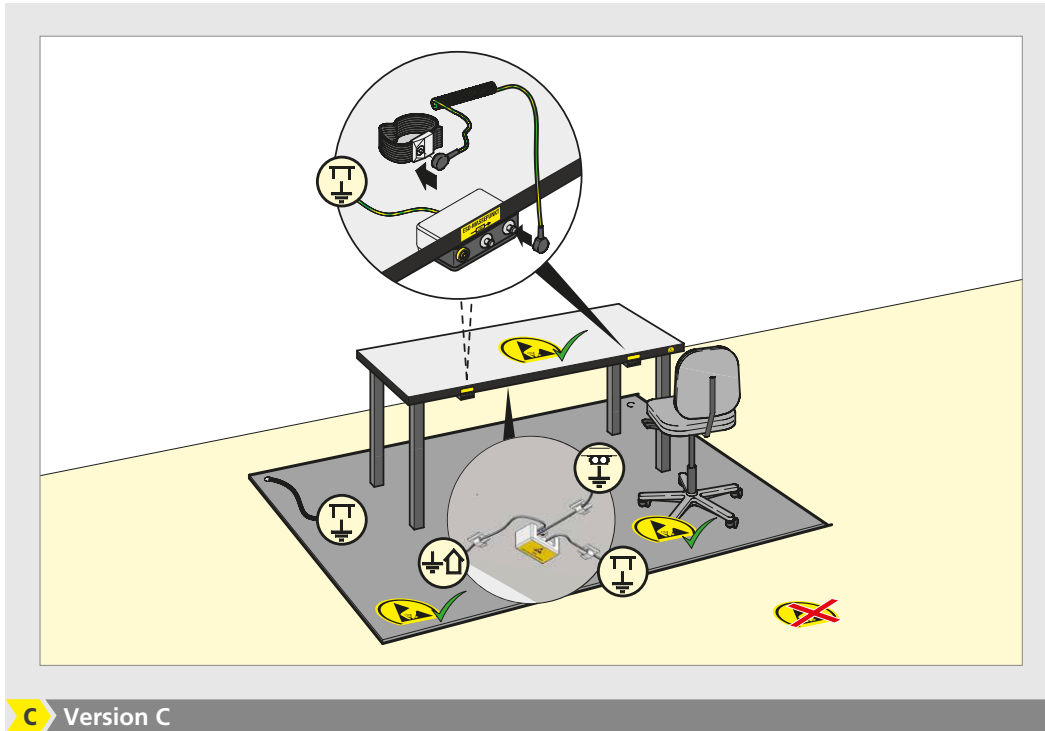
A Version A
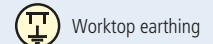
Minimum ESD protection
- Dissipative table mat with wrist strap

B Version B

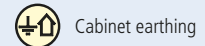**Standard ESD protection**
- Dissipative table top with wrist strap
- Dissipative desk chair

C Version C

ESD isolated solution
- Dissipative table top with wrist strap
- Dissipative desk chair
- Dissipative floor mat
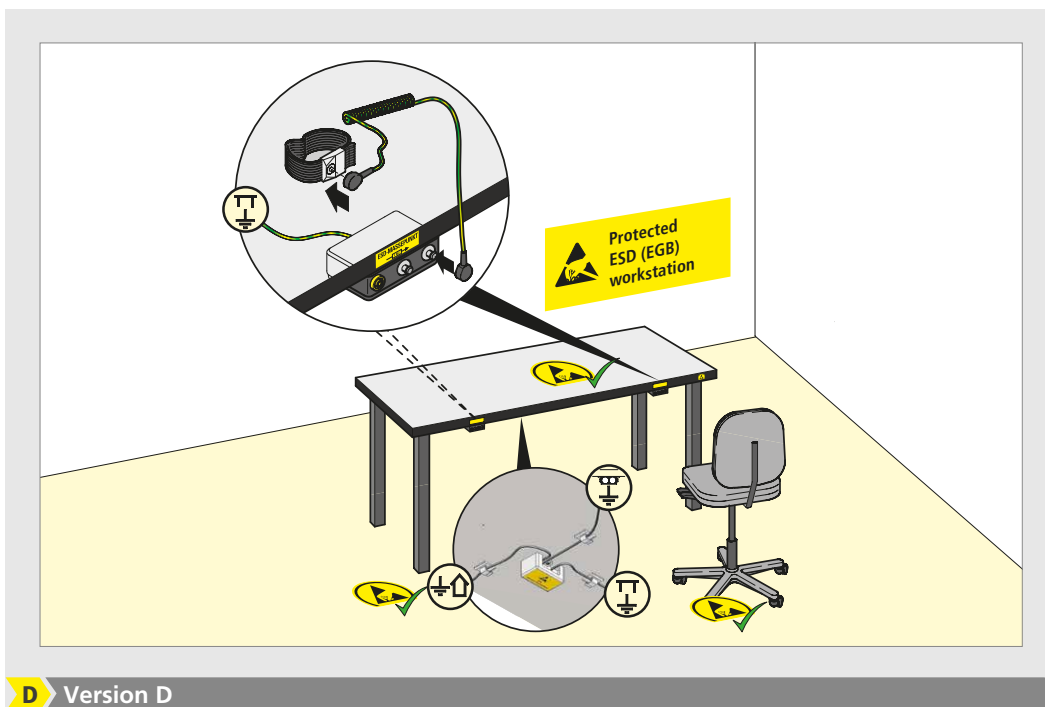
D Version D

ESD protection zone
- Dissipative table top with wrist strap
- Dissipative desk chair
- Dissipative base plate

Thanks to the wide range of combination options, each ESD workstation can be individually equipped with LISTA ESD workbenches to optimise space. The combinable workbench tops, drawer cabinets and rear panels can be organised to create optimal working conditions. Naturally according to the latest findings and in robust LISTA quality.

+ ESD protection
Workbenches are ESD compliant

+ Utmost stability
workbench load capacity up to 3 t, workbench top extremely robust and resistant

+ Great design diversity
thanks to the wide range of components, substructures, materials and surfaces

+ Easy to use and highly ergonomic
with height-adjustable workbench legs for optimum working heights and leg room – also available for our modular superstructure system

+ Easily adaptable to new working environments
through flexible integration and reconfiguration of the modular system

+ Fully mobile
when fitted with rubber castors for mobile use

+ Fast and easy assembly
as the workbench tops have pre-drilled holes including threaded inserts (pre-assembled) for fastening all substructures and drawer cabinets

+ Various substructures

Workbench legs
- sturdy steel plate construction
- welded from steel profiles
- with holes for attaching worktops and shelves
- height-adjustable option available

Castors for mobility
- for mobile workbenches
- ESD-compliant fixed castors and swivel castors including brake mechanisms
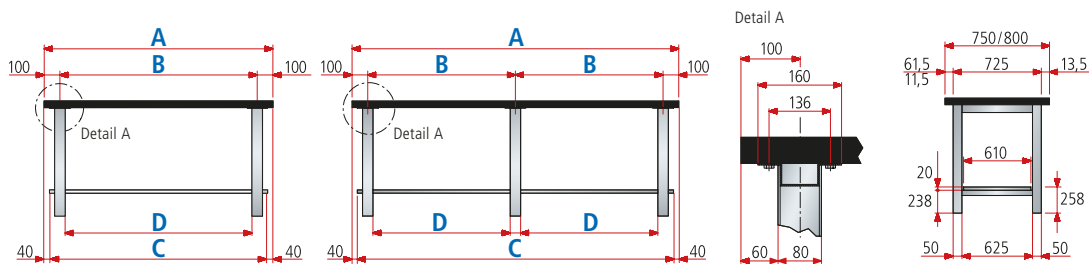- Nylon or rubber-coated wheels for soft and hard floors

Power unit and drawer cabinets
- prepared for the installation of the power and air supply by the customer at the workstation

Ordering information see LISTA Compendium

Dimensions

Distances between supports with 2 or 3 workbench leg assemblies, with or without storage shelf

Worktop width mm	Number of leg assemblies	Resin 50 mm	Width between supports mm	Storage shelf mm	Clear width mm
W➜		A	B	C	D
1500	2	●	1300	1420	1220
2000	2	●	1800	1920*	1720
2000	3	●	900	1920	820
2500	3	●	1150	2420	1070

*only possible with strut

Distances between supports with workbench leg assembly and drawer cabinet 27 × 27 E or 27 × 36 E, with or without storage shelf
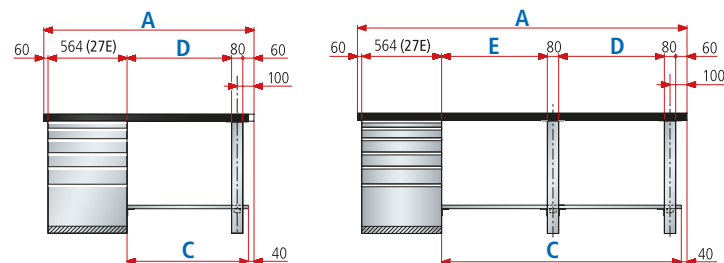
| 18 × 27 E | 27 × 27 E | 36 × 27 E |
| 18 × 36 E | 27 × 36 E | 36 × 36 E |

Note

Workbenches are also available with drawer cabinets in sizes:

18 × 27 E = 306 × 459 mm (W × D) 18 × 36 E = 306 × 612 mm (W × D)
27 × 27 E = 459 × 459 mm (W × D) 27 × 36 E = 459 × 612 mm (W × D)
36 × 27 E = 612 × 459 mm (W × D) 36 × 36 E = 612 × 612 mm (W × D)

Worktop width mm	Number of leg assemblies	Resin 50 mm	Storage shelf mm	Clear width mm	Clear width mm
W➜		A	C	D	E
1500	1	●	835	736	-
2000	1	●	1335	1236	-
2500	2	●	1835	1070	586

Loads

Workbench tops

Max surface loads of the tops. These specifications apply with evenly distributed loads and static applications.
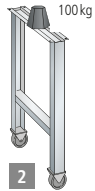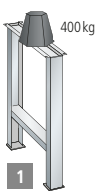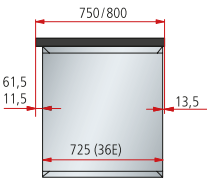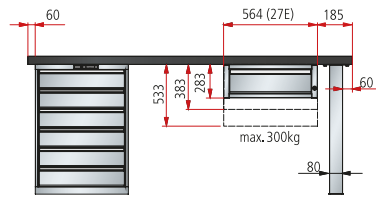
The maximum load is 400 kg for the fixed workbench leg assembly and 100 kg for the workbench leg assembly with castors with evenly distributed loads and static applications. The load specifications apply to model **1**, for model **2** load specifications (see tables below) must be divided by four.

Loads with workbench legs or a combination of workbench legs and drawer cabinet

	Top thickness mm	Worktop width mm			Worktop width mm		Worktop width mm			Worktop width mm
		1500	2000	2500	2000	2500	1500	2000	2500	2500
Resin	50	700 kg	350 kg	-	900 kg	700 kg	1100 kg	700 kg	350 kg	3000 kg

| 18 × 27 E | 27 × 27 E | 36 × 27 E |
| 18 × 36 E | **27 × 36 E** | 36 × 36 E |

* These ESD workbench ordering examples are equipped with ESD drawer cabinets in size 27 × 36 E. Each ESD workbench is also available with ESD drawer cabinets in sizes:
18 × 27 E = 306 × 459 mm (W × D)
27 × 27 E = 459 × 459 mm (W × D)
36 × 27 E = 612 × 459 mm (W × D)
18 × 36 E = 306 × 612 mm (W × D)
36 × 36 E = 612 × 612 mm (W × D)
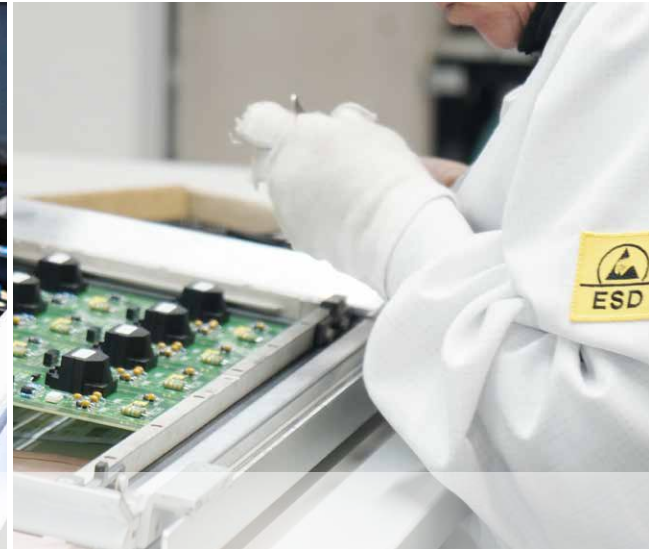
ESD workbench with KEY Lock
Colour: Orange, NCS S 1080-Y40R ESD

D ↗ 750 mm — Workbenches fitted with drawer cabinets in sizes* 27 × 36 E

459 × 612 mm

W →	D ↗	H ↑		kg	**Number** of drawers (mm)	🔒	Art. no. 🌈
1500	750	850	Resin	700	-	-	**95.898.XXX**
2000	750	850	Resin	350	-	-	**95.899.XXX**
1500	750	850	Resin	700	**3**: 1 × 50 / 1 × 100 / 1 × 150	KEY Lock	**95.900.XXX**
2000	750	850	Resin	350	**3**: 1 × 50 / 1 × 100 / 1 × 150	KEY Lock	**95.904.XXX**
1500	750	850	Resin	1500	**4**: 2 × 100 / 1 × 200 / 1 × 300	KEY Lock	**95.908.XXX**
2000	750	850	Resin	800	**4**: 2 × 100 / 1 × 200 / 1 × 300	KEY Lock	**95.912.XXX**
1500	750	850	Resin	1500	**5**: 1 × 50 / 2 × 100 / 1 × 150 / 1 × 300	KEY Lock	**95.916.XXX**
2000	750	850	Resin	800	**5**: 1 × 50 / 2 × 100 / 1 × 150 / 1 × 300	KEY Lock	**95.920.XXX**

Resin top
see p. 32

Threaded inserts, pre-assembled
■ Assembly of preconfigured ESD workbenches simplified by threaded inserts (pre-assembled)
■ Fastening of all components possible

When assembling preconfigured ESD workbenches, additional fastening materials and threaded inserts (preassembled) must be ordered for each component.

i When ordering a workbench from these two pages with **CODE Lock,** please add the suffix „**C**" or for **RFID** or **AUTO Lock** „**F**" or „**A**" in addition to the article number from the table (e.g. **78.897.XXX.C**).

For colour information see p. 99. When ordering, please use the desired three-digit colour code (instead of XXX).

Resin tops, light grey

Electrostatic dissipative connecting element of volume conductive chipboard, with dissipativ HPL glued. With 2 mm ABS edging on all sides. Colour: black, antistatic.
Laminate colour: light grey, NCS S 1500-N. Excluding pre-assembly and fastening material. These must be ordered additionally depending on the substructure (see below).
**Incl. grounding set.**

D ↗ Depth mm		750			800		
W → Width mm		1500	2000	2500	1500	2000	2500
Resin tops	Thickness mm	Art. no.	Art. no.	Art. no.	Art. no.	Art. no.	Art. no.
Standard	50	**93.960.000**	**93.961.000**	**93.962.000**	**93.963.000**	**93.964.000**	**93.965.000**

Fastening material and threaded inserts (pre-assembled) for workbench tops

The respective threaded inserts (pre-assembled)/fastening materials must be ordered for each substructure. Minimum top thickness for M10 pre-assembly 35 mm.

Specification	for top thickness mm	Art. no.
For ESD drawer cabinet: 4 screws M10 incl. threaded inserts (pre-assembled)	50	**39.161.000**
For ESD workbench leg assembly: 6 screws M10 incl. threaded inserts (pre-assembled)	50	**39.327.000**
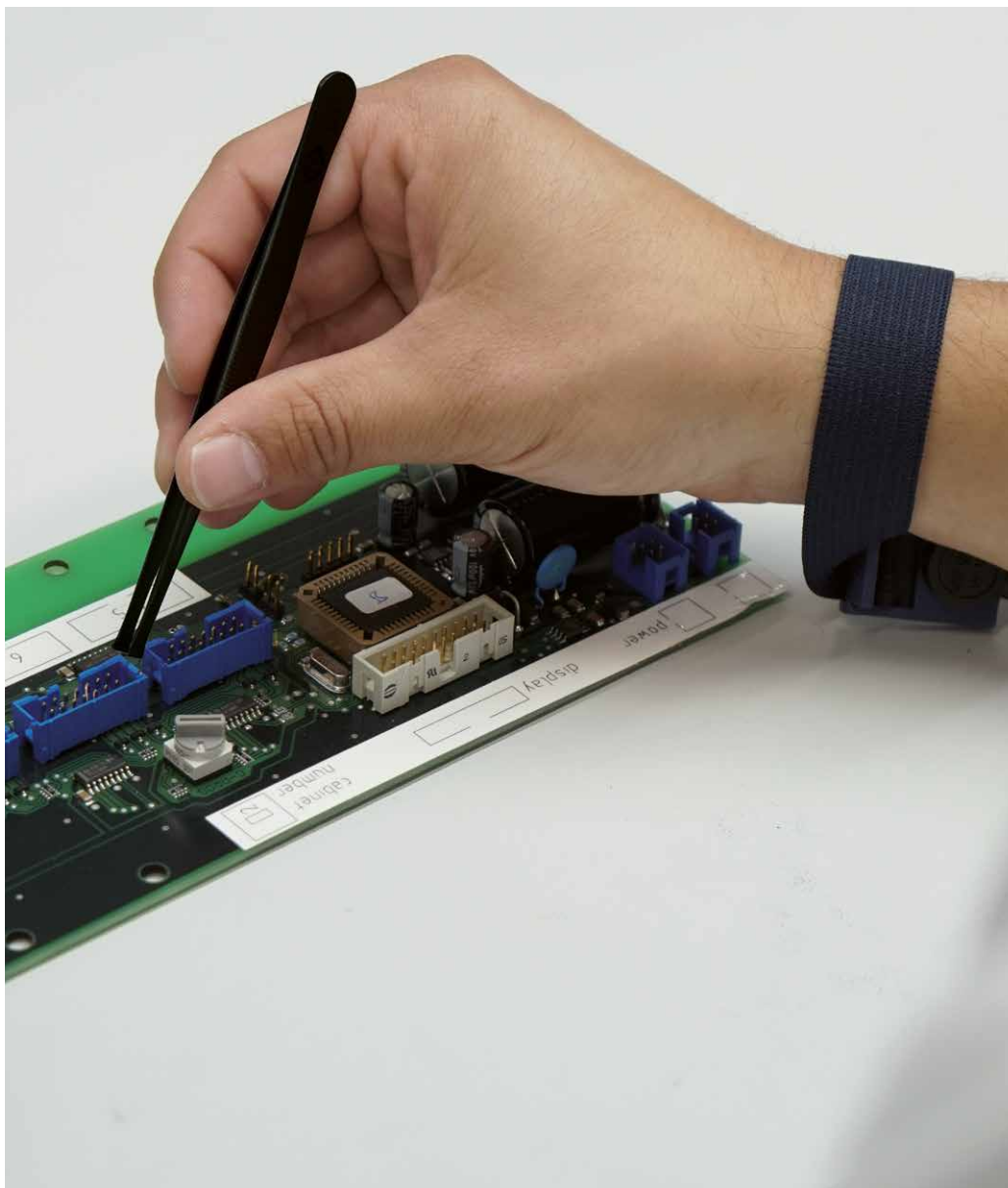
i

Features

- Laminate top suitable for surfaces which require frequent and thorough cleaning
- Application areas: assembly stands, laboratory, test benches, food industry, chemical industry, plastics industry, electrical and textile industry, etc.
- Middle layer and surface bonded with single-component PVAC adhesive according to standard EN 204
- With 2 mm black antistatic ABS edging on all sides
- Middle layer made of virtually warp-free, compressed conductive chipboard
- Surface coated with 0.8 mm thick dissipative HPL glued (High Pressure Laminate) on either side, light grey NCS S 1500-N
- Already examined
- Temperature-resistant up to 180 degrees for 20 minutes, briefly resistant to cigarette burns
- Good abrasion and scratch resistance, high resistance to chemicals, oil and grease
- Briefly resistant to weak acids and alkalis
- Resistant to most solvents
- No static charge (no ESD)
- Available in 3 standard widths and 2 standard depths
- Matching resin-coated rear and side panels available on request
- Max. special sizes, see below
- Other tops available on request

LISTA

Workbench legs, stationary, fixed height and height-adjustable

The LISTA workbench leg assembly is a rugged steel construction, welded together with extruded profiles, with holes for fastening the top. The feet can be anchored to the floor through a hole in the base plate. Load capacity 400 kg. Please note the maximum clear width on page 19. Specification: sheet steel. Colour: as per colour chart.

Height mm	For top depth mm	Width mm	Depth mm	Art. no.
800	750, 800	80	725	**95.504.XXX**
850	750, 800	80	725	**95.506.XXX**
700 – 1050*	750, 800	80	725	**95.507.XXX**

* Height-adjustable in 25 mm increments.

! Workbench leg assemblies, mobile and height-adjustable

Mobile workbench substructure with workbench leg assembly with push handle, workbench leg assembly with fixed castors or workbench leg assembly with swivel castors including brakes and push handle. Rubber wheels, ESD, black. Width: 80 mm. Depth: 725 mm. Height: 700 – 1050 mm. Please note the maximum clear width on page 19. Specification: sheet steel. Colour: as per colour chart.

Specification	kg	Wheel Ø mm	Art. no.
with **push handle**, without castors	400	-	**95.522.XXX**
with **2 rubber fixed castors, ESD**	100	100	**95.523.XXX**
with **2 rubber swivel castors, ESD, brakes**	100	100	**95.525.XXX**
with **2 rubber swivel castors, ESD, brakes, push handle**	100	100	**95.520.XXX**

Struts

Strut suitable for workbench leg assembly. Fastening material included. Specification: sheet steel. Colour: as per colour chart.

For top width mm	Clear width mm	Strut length mm	Art. no.
1500	1220	1224	**95.509.XXX**
2000	1720	1724	**95.511.XXX**
2000*	820	1648 (2 × 824)	**95.516.XXX**
2500	2220	2224	**93.495.XXX**
2500*	1070	2148 (2 × 1074)	**95.513.XXX**

* Top one or two-piece with 3 workbench leg assemblies, strut two-piece.

ESD drawer cabinets

Every ESD workbench is available with ESD drawer cabinets in sizes:

18 × 27 E = 306 × 459 mm (W × D)   18 × 36 E = 306 × 612 mm (W × D)
27 × 27 E = 459 × 459 mm (W × D)   27 × 36 E = 459 × 612 mm (W × D)
36 × 27 E = 612 × 459 mm (W × D)   36 × 36 E = 612 × 612 mm (W × D)

18 × 27 E	**27 × 27 E**	**36 × 27 E**
18 × 36 E	**27 × 36 E**	**36 × 36 E**

>> Drawer cabinets ESD
see p. 54

!

Mobile workbenches

must be fitted with a push handle according to the Product Safety Act. In addition, mobile ESD workbenches must be fitted with a strut for stability.

For colour information see p. 99. When ordering, please use the desired three-digit colour code (instead of XXX).

The electrically height-adjustable workbenches are ideal for demanding environments where work is carried out sitting and standing. The electrical height adjustment enables adaptation of the workstation to different tasks or users.

1500 / 2000 mm

630 – 1030 mm

750 / 800 mm

230 mm

735 mm
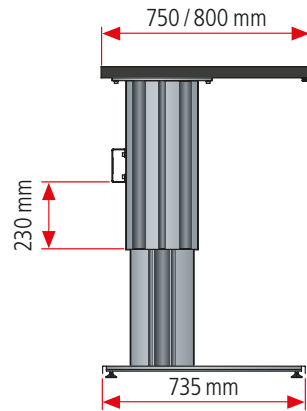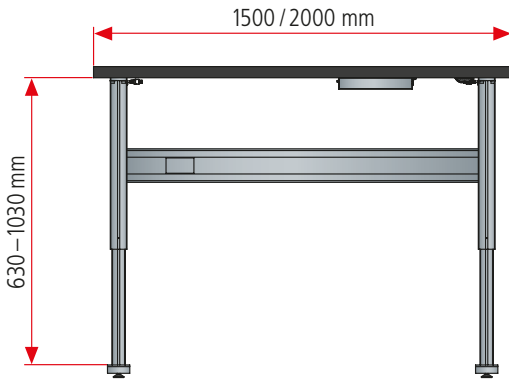
Universal superstructures
The modular system – for universal use with all LISTA workbenches and workstation systems. The compatible superstructure system stands out in terms ease of integration.

Workbenches, electrically height-adjustable
Table substructure can be electrically adjusted to any height. The control unit can be mounted on the left or right (on the right as standard). **Without connecting cable.** The table legs are provided with levelling screws. The table legs are connected with a crossbar and screwed to the workbench top. Capacity: max. 350 kg with evenly distributed load. Colour: table legs in aluminium, colourless anodised, legs and crossbar: sheet steel.

W mm	D mm	H mm	top thickness	Weight of workbench top kg	Art. no.
1500	800	725 – 1125	50 mm	39	93.990.590
2000	800	725 – 1125	50 mm	52	93.991.590

> **! Caution!**
> The maximum load capacity of the table frame is 350 kg, including workbench top and all superstructure elements, with evenly distributed load.

Fastening material and threaded inserts (pre-assembled) for drawer cabinets, hanging

Description	for top thickness mm	Art. no.
For drawer cabinet: 4 screws M10 including threaded inserts (pre-assembled)	50	39.161.000

System socket supply cable
Simple and quick electrical installation through plug and plug T113, 3-pin.

Plug type	W	Art. no.
D / PE	3,0 m	89.490.000
CH	3,0 m	89.491.000
F	3,0 m	89.490.000
GB	3,0 m	89.492.000

For colour information see p. 99. When ordering, please use the desired three-digit colour code (instead of XXX).

LISTA's workstation system range offers an all-in-one solution for optimising ESD workstations and workflows. Regardless of whether it's an individual ESD table, multiple ESD workstations or an ESD team environment: the seamless integration of components turns simple workstations into functional system solutions for optimum ergonomics and cost-effectiveness.

+ ESD protection
all individual workstations are ESD compliant

+ Utmost stability
frames with a load capacity of up to 300 kg, durable resin worktops

+ Easy to use and highly ergonomic
thanks to table frame with infinitely (mechanically or electrically) adjustable height from 730 mm to 1130 mm and programmable control for storing table heights

+ Space-saving and well-organised storage
in freely combinable and configurable LISTA ESD drawer cabinets

+ Perfect cable management
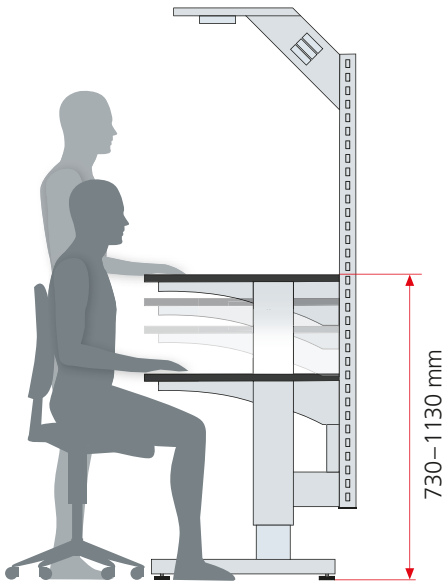thanks to crossbars with integrated cable duct

+ Fully mobile
when fitted with rubber castors for mobile use

» Universal ESD superstructures

» ESD desk chairs

» General benefits of the LISTA ESD drawer cabinets

➕ Benefits of ergonomic ESD workstation design

730–1130 mm

ESD desk chairs
see p. 50

- Simplified workflows resulting in quality improvements and a reduction in error rates
- 20% increased efficiency
- Increased performance potential and reduced processing times
- Healthier work environment and cost reduction in the long term thanks to fewer disruptions

Mobility – humans as a standard

Assembly workstations should be fundamentally designed for sitting as well as standing positions. If alternating between sitting and standing positions is not possible, a sitting position is preferable.

Optimum reach area

Based on average human body dimensions, there are four access zones on the table worktop with different priorities:
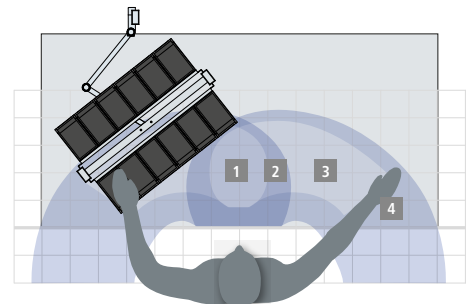
Optimum arrangement of grab containers in zone 2 and 3 right beside the workpiece

1 The working centre:
Both hands work in the direct field of vision

2 Extended working centre:
Both hands reach all areas of this zone

3 One-hand zone:
Parts and tools are within easy reach of one hand

4 Extended one-hand zone:
Outermost usable zone

Lighting

Good lighting helps to reduce error rates caused by overstrained eyes. Employee performance and production quality rise. The required light intensity must be adapted to the assembly activities.

70 cm

600
800
1000
1200

35

E [lx]

0

0   25   50   75   125   125   150 cm
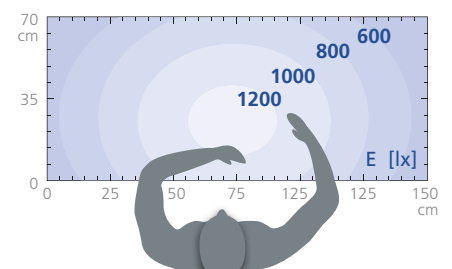
Table frames height-adjustable

With locking screws
Table legs height-adjustable using locking screws. The legs are equipped with levelling screws. A steel frame joins the legs and supports the worktop (suitable for worktop depths of 620–800 mm). Load capacity: max. 300 kg with evenly distributed load. Steel structure, painted.
Colour: as per colour chart.

With hand crank
Table substructure can be mechanically adjusted to any height, with hand crank. The hand crank is removable (left or right as standard). Construction otherwise as above.

With electric motor
Table substructure can be electrically adjusted to any height. The control unit can be mounted on the left or right (on the right as standard). Without connecting cable. Construction otherwise as above.

System socket supply cable
Simple and quick electrical installation through plug and socket connector system, 3-pin.

D ↗ **600 mm**

W → mm	H ↑ without table top mm	Art. no.
with locking screws		
1360	700 – 1100	**93.620.XXX**
1780	700 – 1100	**93.621.XXX**
with hand crank		
1360	700 – 1100	**93.623.XXX**
1780	700 – 1100	**93.624.XXX**
with electric motor		
1360	700 – 1100	**93.626.XXX**
1780	700 – 1100	**93.627.XXX**

Plug type	Length m	Art. no.
D / PE	3,0	**89.545.000**
CH	3,0	**89.544.000**
F	3,0	**89.545.000**
GB	3,0	**89.546.000**

! **Caution:** the maximum load capacity of the table frame is 300 kg, including workbench top and all superstructure elements, with evenly distributed load.

Height adjustment
A perfect configuration of the system allows for an optimised work process.
The height of the LISTA table system can be easily adjusted – by locking screw, hand crank or electric motor – from 730 mm to 1130 mm (dimensions including table top).
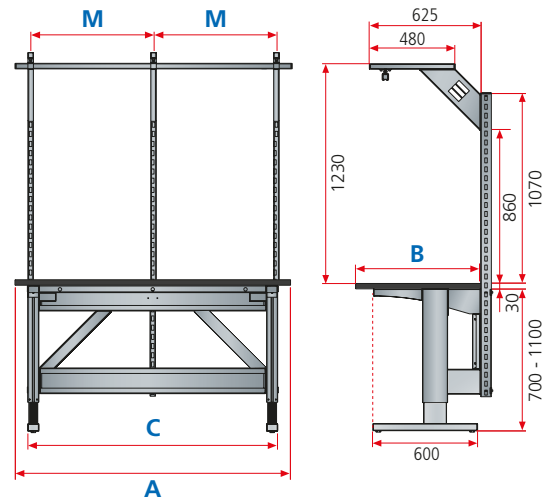
Programmable control system
Is also available as an additional feature for workstations with motor-driven height adjustment. This enables installation heights to be set precisely in advance.

For colour information see p. 99. When ordering, please use the desired three-digit colour code (instead of XXX).

Dimensions: 625, 480, 1230, 1070, 860, 30, 700 - 1100, 600, M, M, B, C, A

Individual ESD workstations

Worktop width mm	**A**	1500	2000
Worktop depth mm	**B**	700	700
Table frame width mm*	**C**	1360	1780
Possible module widths mm	**M**	665/1000/1330	665/1000/1330
Max. **superstructure** module widths mm	**M**	**1330**	**1665**

* Dimension C = Exterior side of support to exterior side of support

Resin tops
Middle layer made of compressed chipboard, quality grade E1 (DIN 68 761), hard laminate and overlay covering on either side (DIN 68 765 / DIN 53 799). Laminate coating 0.8 mm. 2 mm thick plastic edging on all sides, colour: surface light grey.
Incl. grounding set.

Bracket
Bracket 18 × 27 E for fastening the drawer cabinets to either the left or the right of the table frame. Specification: sheet steel. Colour: as per colour chart.

D ⬈	**700 mm**		

W➜ mm	Thickness mm	Weight of work-bench top kg	Art. no.
Resin tops			
1500	30	21	**93.614.000**
2000	30	28	**93.617.000**

W➜ mm	Art. no.
411	**93.645.XXX**

i

Universal superstructures
The modular system – for universal use with all LISTA ESD workbenches and ESD workstation systems. The compatible superstructure system stands out in terms of ease of integration.

LISTA ESD assembly trolleys optimise material flow between individual workstations, warehouse and dispatch. They enable fast transportation and interim storage of components or assemblies without requiring a lot of space and by combining various elements, they can be adapted specifically to individual requirements.

+ ESD protection
Assembly trolleys are ESD compliant

+ Utmost stability
total load capacity up to 250 kg, integrated storage shelf

+ Great design diversity and mobility
can be assembled on one side or on both sides, stationary or mobile

+ Ergonomic and safe handling
with four swivel castors and push handle

+ Easy assembly
through support pillar profiles perforated on four sides so that rear panels, swivel shelves and adjustable shelves and container strips can be attached at height increments of 50 mm largely without the use of tools

» Universal superstructures

Keyhole hook
see p. 49

Storage container
see p. 48

Easy assembly
- swivel and adjustable shelves and container strips can be attached to the support pillar without the use of tools
- ribbed mats and raised sides provide the required stability for the stored items

Ergonomic handling
- with four swivel castors and push handle
- two locking mechanisms for fixing

1 Mobile assembly stand

The ESD assembly trolleys can have elements attached on both sides. The support pillars enable rear panels, swivel shelves or adjustable shelves as well as container strips to be mounted without the use of screws. The ESD assembly trolleys are equipped with 4 ESD swivel castors, 2 of which have braking mechanisms. Wheel diameter 100 mm, rubber, ESD, grey, non-marking, max. load capacity 250 kg. Specification: Assembly stand comprising crossbars, shelves and support pillars, made of steel profile, perforated on four sides at 50 mm increments. Colour: as per colour chart. Roller housing made of galvanised and chrome-plated sheet steel.

2 Push handle for assembly trolley

The push handle is fixed to the side of the support pillar of the assembly stand; includes fastening material.
Specification: aluminium tubing, black, anodised, with plastic holder.
Colour: black, RAL 9005.

3 Ribbed mat, double-sided

Specification: polymer, colour: black.

4 Perforated rear panels

The support pillars can be vertically fitted with rear panels, either partially or up to their full height. All rear panels can be attached to the support pillars without screws. Rear panels perforated with square holes 10 × 10 mm, 38 mm division and slots 380 mm apart for accommodating storage shelves and can holders.
Specification: sheet steel. Colour: as per colour chart.

5 Container strips

To hold size 2, 3 and 4 storage containers; can be attached to the support pillars without screws. Max. load capacity 15 kg.
Specification: sheet steel. Colour: as per colour chart.

6 Safety bracket for container strips for ESD assembly trolley

Safety bracket for container strips. For retrofitting. Is attached to the container strip to prevent any open-ended containers detaching from the container fixing strip in case of uneven flooring. Fastening material included. Specification: sheet steel. Colour: as per colour chart.

7 Adjustable shelves, plain, with side panel for ESD assembly trolley

The raised sides prevent the transported goods slipping out in case of uneven floors. The adjustable shelves can be attached with the stop bar on either the front or the rear. Using two brackets, the adjustable shelves are attached to the support pillars without screws, either horizontally or with an inclination angle of 15°. Load capacity 50 kg. Normal level 25 mm + 17 mm stop bar. Including two brackets and a safety catch each. Specification: sheet steel. Colour: as per colour chart.

W → for module width mm				**665**	**1330**
Assembly	Width mm	Depth mm	Usable height mm	Art. no.	Art. no.
double-sided	715	710	1250	**93.828.XXX**	-
double-sided	1380	710	1250	-	**93.831.XXX**

Height mm		Diameter mm	Art. no.	Art. no.
500		20	**89.950.000**	**89.950.000**

Usable width mm	Usable depth mm	Nominal depth mm	Art. no.	Art. no.
714	695	710	**95.924.000**	-
1379	695	710	-	**95.925.000**

Specification	Height mm	Usable width mm	Art. no.	Art. no.
perforated	350	655	**93.914.XXX**	-
perforated	350	1320	-	**93.916.XXX**

Height mm	Usable width mm	Art. no.			Art. no.		
85	660	**93.734.XXX**			-		
85	1325	-			**93.735.XXX**		
Container size		2	3	4	2	3	4
Number of containers		6 – 12	6	4	12 – 24	12	8
85	660	**93.887.XXX**			-		
85	1325	-			**93.889.XXX**		

Specification	Depth mm	Usable width mm	Art. no.	Art. no.
plain	300	664	**93.521.XXX**	-
plain	300	1329	-	**93.524.XXX**
Safety catch (per pair)			**90.360.000**	**90.360.000**

i Safety instructions

Due to a risk of toppling, only adjustable shelves with a maximum depth of 300 mm or swivelling shelves may be used.

For colour information see p. 99. When ordering, please use the desired three-digit colour code (instead of XXX).

+ ESD protection
Universal superstructures are ESD compliant

+ Utmost stability
load capacities up to 150 kg

+ Tremendous design diversity
through a wide range of add-on elements
including power supply and lighting

+ Fully modular
through standardised dimensions for all LISTA ESD
workbench and ESD workstation systems, custo-
misable configuration options in terms of height and
freely positionable superstructure widths

+ Easy assembly
workbench substructures and individual workstations
with support pillars perforated on four sides so that
add-on elements can be attached largely without the
use of screws

With the modular LISTA superstructure system, entire working environments can be planned, assembled and perfectly coordinated in every detail. On the basis of support pillars perforated on four sides, the system offers you a wide range of add-on elements such as container strips, adjustable shelves, etc. It is also very easy to integrate power supply and lighting so that you always have an ergonomic and scaleable solution that is suited to the requirements of the individual workstation and which makes workflows in the workshop and production department even more efficient.

+ Wide range of add-on elements

1 Container strips
for attaching storage containers and TFT monitors, horizontally or adjustable up to an angle of inclination of 15°

2 Adjustable shelves
load capacity up to 50 kg, can be attached and adjusted horizontally or at a 15° angle, with a stop bar on one side, for mounting to the front or rear

3 Rear panels
either plain or with square and slotted perforations for tool holders and rear panel equipment such as can holders or storage shelves

4 Swivel shelves
load capacity up to 50 kg, can be infinitely adjusted from horizontal to an angle of 30° by means of a clamping lever

5 Swivel arms
for holding TFT monitors and module frames for fitting with any desired components

6 Equipment rails
load capacity up to 15 kg, depth adjustable and for use across the entire width of the table

7 Freely configurable power conduits
can be attached as desired to one or both sides of the worktop or to the support pillar superstructure

8 Preconfigured power and compressed air strips
for mounting on the side of the support pillar

9 Energy efficient and glare-free workplace lighting
for mounting on the equipment rails and lighting tracks

+ Easy assembly

Workbench substructure

Individual workstation
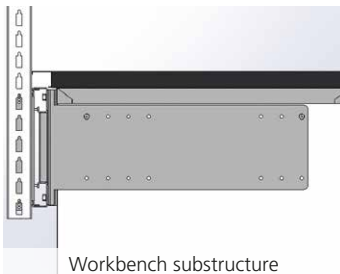
Support pillars as a base
- box section steel perforated on four sides so that add-on elements can be attached
- available in various standard lengths
- can be mounted on the crossbars of the individual workstations and workbench substructure

Add-ons can mostly be attached without the need for tools
- horizontal or tilted at an angle of up to 15°
- in increments of 50 mm

+ Power supply and lighting

Power conduits with freely selectable power modules
- can be fitted individually on both sides with fuses, switches, sockets, emergency stop buttons, a network or built-in compressed air installations
- globally approved
- retrofitting or refitting with standardised plug and socket connections is possible at any time
- components can be mounted either flush with the worktop, flush with the support pillar superstructure or in front of the support pillar superstructure

Efficient workstation lighting
- LED technology, neutral white 5000 K, for optimal workstation illumination
- fitted with GST-18 system connector for simple and smart connection of the system lighting
- the workstation and side lighting can be dimmed via an On/Off switch for effortless working
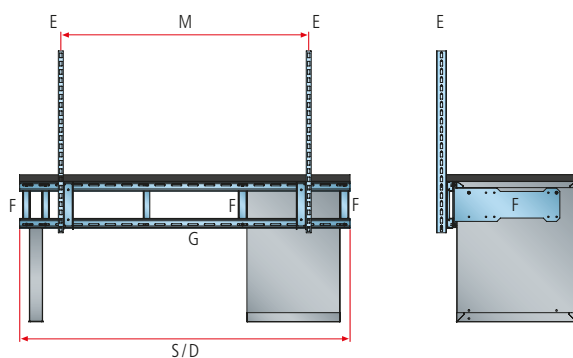
Superstructures on ESD workbench substructures

Support pillars on the workbench substructure

load capacity of up to 150 kg

Support pillar (E)
Support profile (G)
Depth adapter (F)

Top width mm	Support rail pair width mm	Module width of superstructures mm						Standard	Number of support pillars with standard
		665	750	1000	1330	1500	2000		
D	**S**			**M**					**E**
1500	1500	●	●	●	●	●	-	1×1500	2
2000	2000	●	●	●	●	●	●	1×2000	2
2500	2500	●	●	●	●	●	●	1×1500, 1×1000	3

● possible   - not possible

Rail holding clamp matrix for support rail pair on workbench substructure

Rail holding clamp for fastening the pairs of rails to the drawer cabinet, workbench leg assembly or workbench top. Fig. see p. 36

for top depth mm	D	750		800	
for cabinet depth mm	D	572	725	572	725
Rail holding clamp* for drawer cabinet			Art. no. **95.934.XXX**		

for top depth mm	D	750**		800	
for workbench leg assembly depth mm	D	675	725	725	725
Rail holding clamp* for workbench leg assembly			Art. no. **95.935.XXX**		

for top depth mm	D	750	800
Workbench tops		For mounting on workbench top	
Rail holding clamp* for workbench top		Art. no. **93.993.XXX**	

for top depth mm	D	750		800	
Cover profile		-	▲	-	-

* For workbenches with a support width larger than 1.2 m, a rail holding clamp is additionally recommended.
** If **only** workbench leg assemblies are used (without drawer cabinet), a workbench leg assembly depth of 675 mm is recommended.
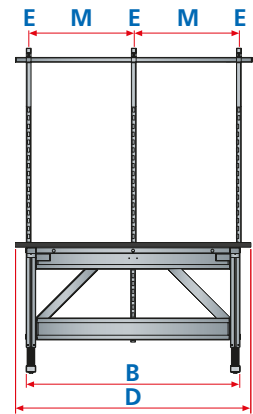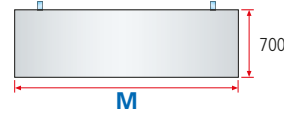
▲ necessary see p. 36

For colour information see p. 99. When ordering, please use the desired three-digit colour code (instead of XXX).

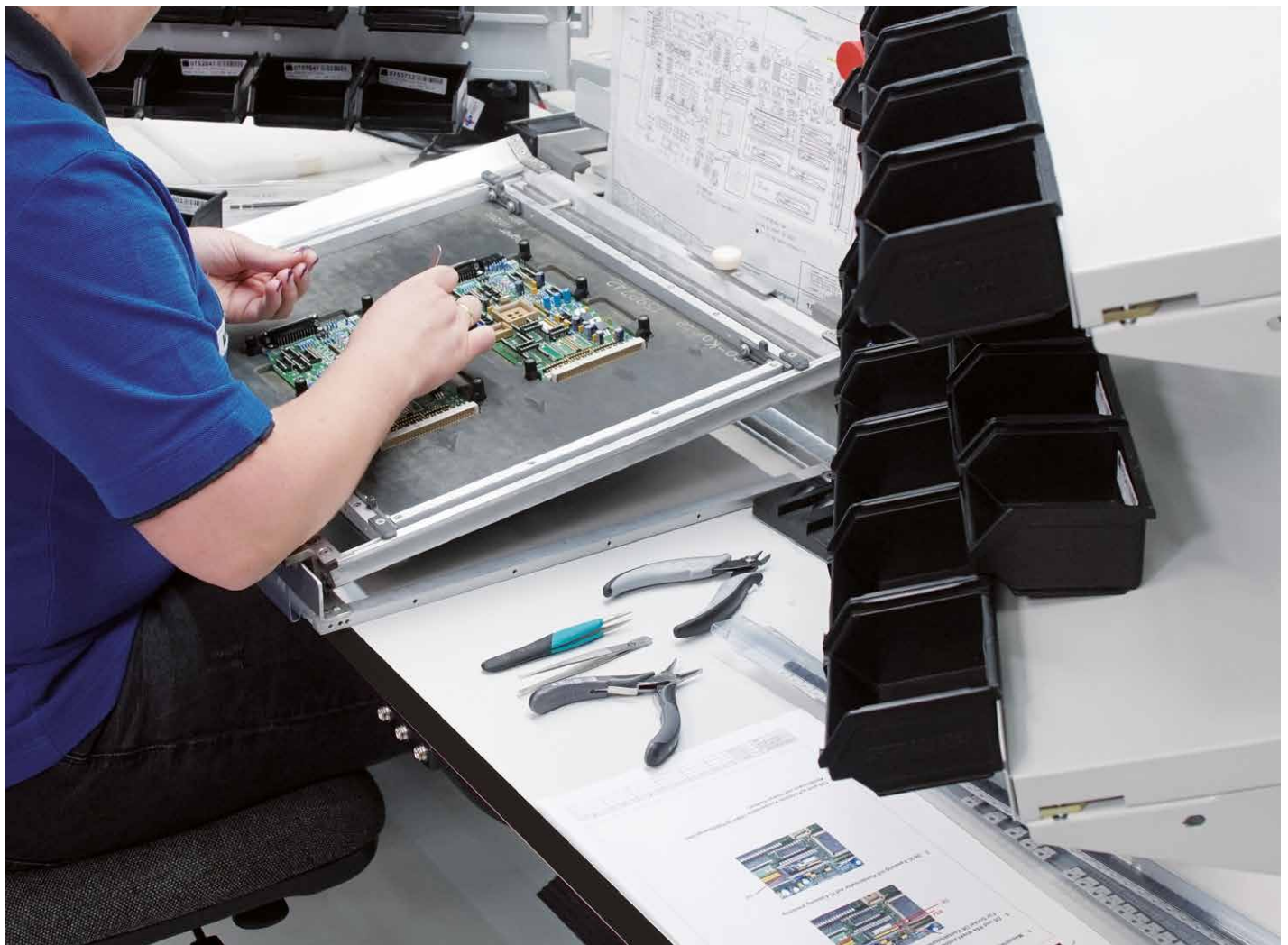# Superstructures on workbench substructure for individual workstations

Module widths of individual ESD workstations
Support pillars generally on the substructure, load capacity up to 150 kg

700

M

E M E M E

B
D

W → Worktop width mm	Frame width mm	Module width of superstructures mm						Max. installation width for superstructures	Standard	Number of support pillars with standard
		665	750	1000	1330	1500	2000			
D	**B**				**M**					**E**
1500	1360	●	-	●	●	-	-	1330	1 × 1330	2
2000	1780	●	-	●	●	-	-	1665	1 × 665, 1 × 1000	3

● possible   - not possible
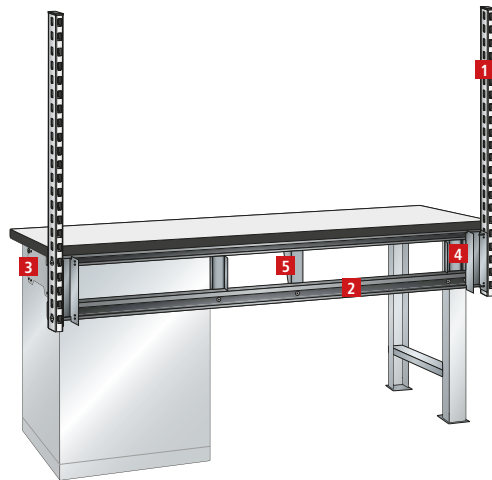
1 Support pillar
2 Pair of support rails
3 Rail holding clamp for drawer cabinet
4 Rail holding clamp for workbench leg assembly
5 Rail holding clamp for workbench top
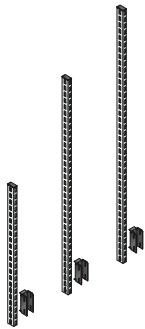
Support pillar
for mounting on workbench substructure

The support pillars are available in 3 heights. Capacity 150 kg. For mounting purposes, a pair of support rails is required. Including pillar bracket and fastening material. Description: steel profile, perforated on four sides in increments of 50 mm for attaching the superstructure components with minimum use of screws. For double workstations, the same support pillars are used for both sides. Colour: according to colour chart.

Pillar height mm	Art. no.
1100	95.926.XXX
1700	95.927.XXX
2000	95.928.XXX
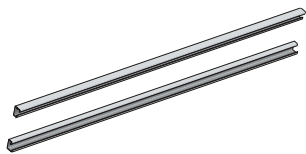
Pair of support rails
for mounting on workbench substructure

The pair of support rails are available in six widths. For mounting on the rail holding clamp. Including fastening material. Description: sheet steel. Colour: according to colour chart.

W➔ mm	Art. no.
1500	95.930.XXX
2000	95.931.XXX
2500	95.932.XXX

Rail holding clamp
for mounting on workbench substructure

One size for all combinations according to rail holding clamp matrix (see page 32). The rail holding clamp can be attached to either the pre-drilled holes on the cabinet and/or the workbench leg assembly. For electrically height-adjustable workbenches, the appropriate rail holding clamp must be attached to the table legs. including fastening material. Description: sheet steel. Colour: according to colour chart.

For mounting on	Art. no.
ESD drawer cabinet	**95.934.XXX**
Workbench leg assembly	**95.935.XXX**
Workbench top	**93.993.XXX**
Table leg (electrically height-adjustable)	**93.992.XXX**

Cover profiles

Matching cover profiles fill the gap between the countertop and support pillar for workbenches (planning information, see page 32). including fastening material. Description: sheet steel. Colour: according to colour chart.

Description for	W➔ mm	D↗ mm	for top thickness mm	Art. no.
Workbench ESD	1500	50	50	**93.210.XXX**
	2000	50	50	**93.211.XXX**
	2500	50	50	**93.212.XXX**

Support pillars for mounting onto single workstations

The support pillars are available in two different heights sund are mounted onto the crossbars of the frame using the fastening material provided. Load capacity 150 kg. Specification: Steel profile, perforated on four sides in increments of 50 mm, for attaching the superstructure components with minimum use of screws. With double workstations, the same support pillars are used for both sides. Colour: as per colour chart.

H↑ Height of support pillars from the upper edge of the table top mm	Nominal height mm	Art. no.
350	985	**93.628.XXX**
1050	1685	**93.629.XXX**

Bracket for support pillar

For fastening to the support pillar profile. For accommodating component rails and fixing profiles for lighting. Fastening material included. Load capacity 15 kg. Specification: Steel structure. Colour: as per colour chart.

Specification	Depth mm	Height mm	Art. no.
Bracket and profile tube as a set	640	190	**93.746.XXX**
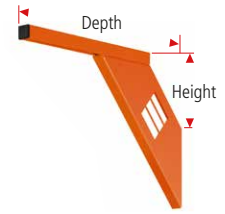
Equipment rails

For supporting the carriage or workstation lighting. Mounting onto the brackets (hook-in set and carriage not included). Load capacity 15 kg. Specification: Steel structure. Colour: as per colour chart.

Rail length mm	Depth mm	Height mm	Recommended lamp length mm	Art. no.
1000	30	30	900	**93.643.XXX**
1500	30	30	900	**93.632.XXX**
2000	30	30	1500	**93.394.XXX**

Without hook-in set and carriage; these must be ordered additionally.

Component rail suspension set*

Suspension set for fixing the component rail to the brackets. Specification: bright galvanised finish.

Description	Art. no.
Suspension set, 1 unit	**89.449.000**

Carriage for component rails*

Carriage for accommodating cable winches and tools. With four high-quality ball bearings including two end stops for restricting the travel path. Load capacity 5 kg. Screw fixtures included. Specification: Steel structure, bright galvanised finish.

Description	Art. no.
Carriage including two end stops for restricting the travel path	**89.452.000**

For colour information see p. 99. When ordering, please use the desired three-digit colour code (instead of XXX).

* Not ESD dissipative
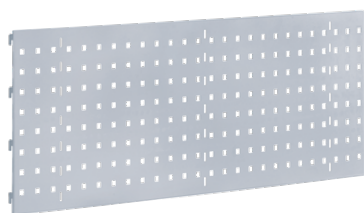
Perforated rear plain or panels

The support pillars can be vertically fitted with rear panels, either partially or up to their full height. All rear panels can be attached to the support pillars without screws. Rear panels with square holes 10 × 10 mm, distance between holes 38 mm and slots 380 mm apart. Specification: sheet steel. Colour: as per colour chart.

for module width mm		**665**
W→ Usable width mm		655
H↑ Specification	Art. no. 🌈	
350 plain		93.917.XXX
350 perforated		93.914.XXX

Container strips

To hold size 2, 3 and 4 storage containers; can be attached to the support pillars without screws. Max. load capacity 15 kg. Specification: sheet steel. Colour: as per colour chart.

W→ Usable width mm		660	
H↑	Art. no. 🌈		
85	93.734.XXX		
Container size	2	3	4
Number of containers	6–12	6	4
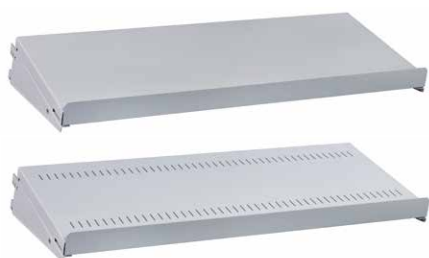
Adjustable shelves, plain or slotted

The adjustable shelves are fitted with a stop bar on one of their longitudinal sides. The adjustable shelves can be attached with the stop bar on either the front or the rear. For adjustable shelves, slotted: slots 15 mm apart for partitioning with dividers. Using two brackets, the adjustable shelves are attached to the support pillars without screws, either horizontally or with an inclination angle of 15°. Load capacity 50 kg. Normal level 25 mm + 17 mm stop bar. Including two brackets each. Specification: sheet steel. Colour: as per colour chart.

W→ Usable width mm		664
D↗ Specification	Art. no. 🌈	
300 plain		93.758.XXX
300 slotted		95.985.XXX
350 plain		93.922.XXX
350 slotted		95.991.XXX

Swivel arm attachments

For accommodating the swivel arm elements directly on the table frame (individual workstation) or on the support pillar. Table frame holder galvanised. Specification: steel. Colour: light grey, RAL 7035 ESD.

Fixing to	Width mm	Height mm	Depth mm	kg	Art. no.
Support pillar	30	105	123	25	**93.846.000**

Swivel arm

Double-jointed swivel arms with 1 axis and 1 swivel arm add-on. The swivel arm add-ons are fitted with internal slide bearings. The swivel radius is 300 mm. Specification: steel. Colour: light grey, RAL 7035 ESD. Without swivel arm fixing device.

Specification	Length mm	kg	Art. no.
Double-jointed swivel arm	2 × 300	25	**93.847.000**

Module frames for swivel arm

Welded steel tube frame with perforations on four sides. Perforations at 50 mm increments, with steel axis for fixing onto the swivel arm. Load capacity 25 kg. Specification: sheet steel. Colour: light grey, RAL 7035 ESD.

Version with	Width mm	Height mm	Depth mm	Art. no.
1 rear panel	665	350	65	**93.850.000**
2 adjustable shelves*	665	350	265	**93.851.000**
2 swivel shelves	665	350	424	**93.853.000**
3 container strips	665	350	90	**93.852.000**

* Depth of adjustable shelf 200 mm.

Swivel shelves for swivel arm

Swivel shelves for swivel arm, with steel axis for fixing onto the swivel arm add-on, with stop bar on both sides. Tilt angle can be infinitely adjusted by up to 30°. Specification: sheet steel. Colour: light grey, RAL 7035 ESD.

Width mm	Depth mm	Height mm	kg	Art. no.
300	426	72	25	**93.854.000**

750	1000	1330	1500	2000
740	990	1320	1490	1990
Art. no.	Art. no.	Art. no.	Art. no.	Art. no.
93.383.XXX	93.918.XXX	93.919.XXX	93.384.XXX	93.385.XXX
93.386.XXX	93.915.XXX	93.916.XXX	93.475.XXX	93.090.XXX

745			995			1325			1495			1995		
Art. no.			Art. no.			Art. no.			Art. no.			Art. no.		
93.577.XXX			93.785.XXX			93.735.XXX			93.590.XXX			93.591.XXX		
2	3	4	2	3	4	2	3	4	2	3	4	2	3	4
7 – 14	7	5	9 – 18	9	6	12 – 24	12	8	14 – 28	14	10	19 – 38	19	13

749	999	1329	1499	1999
Art. no.	Art. no.	Art. no.	Art. no.	Art. no.
93.499.XXX	93.132.XXX	93.764.XXX	93.500.XXX	93.095.XXX
95.986.XXX	95.987.XXX	95.988.XXX	95.989.XXX	95.990.XXX
93.501.XXX	93.133.XXX	93.923.XXX	93.502.XXX	93.505.XXX
95.992.XXX	95.993.XXX	95.994.XXX	95.995.XXX	93.033.XXX

Dividers

For subdividing slotted adjustable shelves. Specification: sheet steel. Colour: as per colour chart. **Sales unit: 10 pcs.**

Depth mm	Height mm	Art. no.
300	100	93.970.XXX
300	150	93.971.XXX
300	200	93.972.XXX
350	100	93.973.XXX
350	150	93.974.XXX
350	200	93.975.XXX

TFT monitor mount

For accommodating flat screens with a VESA base plate. Hole pattern 75 × 75 mm and 100 × 100 mm, infinitely adjustable tilt angle. Specification: sheet steel. Colour: light grey, RAL 7035 ESD.

Specification for	Width mm	Height mm	Depth mm	Art. no.
Swivel arm	120	155	60	65.356.000
Container strip	120	155	60	65.175.000

Keyboard support for TFT monitor mount

For mounting onto the monitor mount for swivel arm. Specification: sheet steel. Colour: light grey, RAL 7035 ESD.

Specification	Width mm	Depth mm	Height mm	Art. no.
Keyboard support	500	200	115	93.857.000

For colour information see p. 99. When ordering, please use the desired three-digit colour code (instead of XXX).

The LED lighting and power supply system from LISTA meets the high requirements for modern and ergonomic workstations. The combined lamps and power strips make simple workstations functional system solutions for maximum ergonomics and cost-effectiveness. Good lighting and a tidy workstation are essential for high-quality, accurate work.

+ Tremendous design diversity provided by LED workstation, side and swing arm lamps with easy mounting on equipment rails, support pillars, rear panels or workbench tops

+ Maximum ease of use and ergonomics infinitely dimmable for adjustable brightness

+ Full modularity for individual configuration and combination of lamps and power strips using the GST-18 connector system

LED Comfort +

LED workstation lamp

The workstation lamp is mounted on the equipment rail (see page 37). With On/Off switch and Wieland power connector GST-18. Infinitely dimmable. Glare suppression: structured screen. Colour temperature: neutral white 5000 K. Colour reproduction: Ra > 80. Description: aluminium housing, colourless anodised. Including fastening material. Excluding power and connecting cable (see page 43). A Waldmann development.

Length mm	Power W	Luminous flux lm	max. illuminance lx*	System connection GST-18	Installation	Art. no.
450	15	1100	499	Input	-	89.265.000
900	35	3000	1279	Input/Output	-	89.266.000
1500	63	5000	1770	Input/Output	-	89.267.000

LED side lamp

The side lamp can be mounted on the support pillar or perforated rear panels. With On/Off switch and Wieland power connector GST-18. Infinitely dimmable. Glare suppression: structured screen. Colour temperature: neutral white 5000 K. Colour reproduction: Ra > 80. Description: aluminium housing, colourless anodised. Including fastening material. Excluding power and connecting cable (see page 43). A Waldmann development.

Length mm	Power W	Luminous flux lm	max. illuminance lx*	System connection GST-18	Installation	Art. no.
450	15	1100	499	Input	right	89.268.000
450	15	1100	499	Input	left	89.269.000

LED swing arm lamp

The swing arm lamp can be mounted on the support pillar or any position on the table top. With On/Off switch. Infinitely dimmable. Glare suppression: structured screen. Colour temperature: neutral white 5000 K. Colour reproduction: Ra > 80. Arm length: 823 mm. Description: Plastic housing and articulated arms of colourless anodised aluminium. Including table clamp. Separate fixing bracket for mounting on support pillar. Colour: grey, **89.183.000.** Including 3 m cable; mains plug CEE 7/16 (Europlug), BS 1363 and NEMA 1-15P. A Waldmann development.

Length mm	Power W	Luminous flux lm	max. illuminance lx**	Ballast	Installation	Art. no.
360	14	1330	2604	100–240 V 50/60 Hz	-	89.270.000

LED articulated arm magnifier lamp

The articulated magnifier lamp can be mounted on the support pillar or any position on the table top. With On/Off switch. Infinitely dimmable. Colour temperature: neutral white 5000 K. Colour reproduction: Ra > 80. Arm length: 823 mm. Description: Plastic housing and articulated arms of colourless anodised aluminium. Including table clamp. Separate fixing bracket for mounting on support pillar. Colour: grey, **89.183.000.** Including 3 m cable; mains plug CEE 7/16 (Europlug), BS 1363 and NEMA 1-15P. A Waldmann development.

Magnifier	Dioptres	Power W	Luminous flux lm	max. illuminance lx***	Ballast	Art. no.
ø 160	3.5	15	-	7070	100–240 V 50/60 Hz	89.271.000

! ESD version of the LED articulated arm lighting and articulated arm magnifier lighting available on request

LED Comfort

LED workstation lamp

The workstation lamp is mounted on the equipment rail (see page 37). With On/Off switch and Wieland power connector GST-18. Colour temperature: neutral white 5000 K. Colour reproduction: Ra > 80. Description: PVC plastic housing, white including fastening material. Excluding power and connecting cable (see page 43).

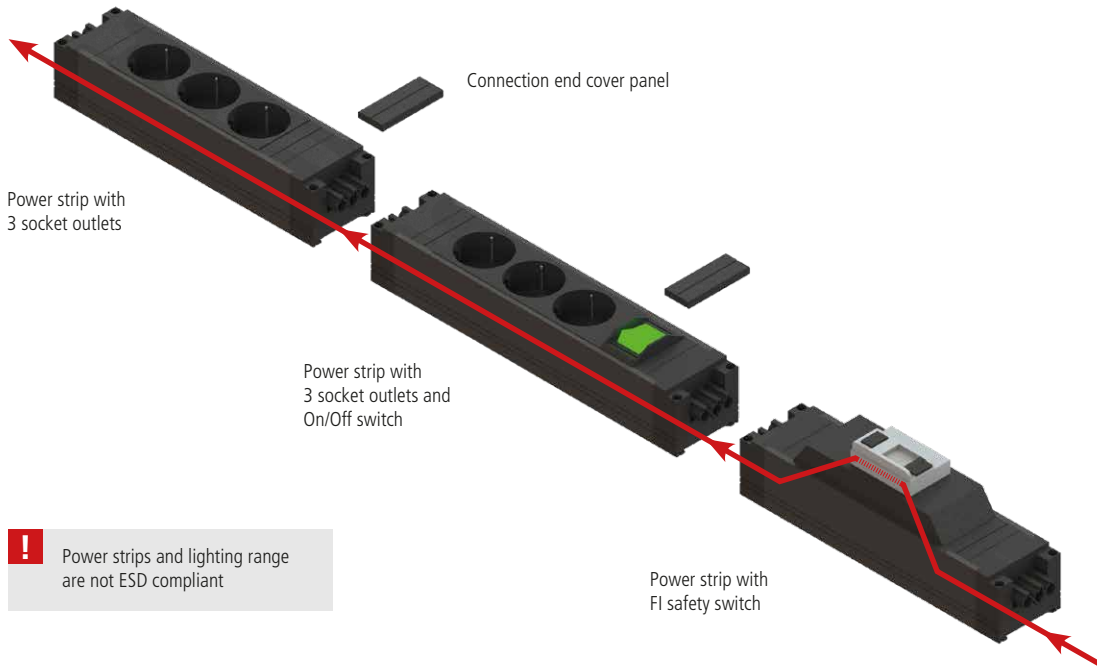| Length mm	Power W	Luminous flux lm	max. illuminance lx*	System connection GST-18	Art. no.
450	10	1000	367	Input	89.272.000
900	30	3000	1073	Input/Output	89.273.000
1500	50	5000	1904	Input/Output	89.274.000

LED side lamp

The side lamp can be mounted on the support pillar or perforated rear panels. With On/Off switch and Wieland power connector GST-18. Colour temperature: neutral white 5000 K. Colour reproduction: Ra > 80. Description: PVC plastic housing, white including fastening material. Excluding power and connecting cable (see page 43).

Length mm	Power W	Luminous flux lm	max. illuminance lx*	System connection GST-18	Art. no.
450	10	1000	367	Input	89.275.000

*   Measuring field: 100 ×100 cm / Measuring distance: 100 cm
**   Measuring field: 100 ×100 cm / Measuring distance: 50 cm
*** Measuring field: 30 × 30 cm / Measuring distance: 15 cm

ESD solutions | www.lista.com

LISTA

Connection end cover panel

Power strip with
3 socket outlets

Power strip with
3 socket outlets and
On/Off switch

Connection end cover panel

Connection cover panel for a seamless look when connecting several system power strips.

1 × connection cover panel
2 × end cover panel
1 × end cap for output socket

Art. no. **89.187.000**

! Power strips and lighting range are not ESD compliant

Power strip with
FI safety switch

System power strips

Input/output via system connector 230 V (Wieland system connector GST-18). System power strips can be directly connected to each other. CH version with thermal fuse 10 A. Description: plastic, black. Including fastening material for support pillar bracket. Excluding power and connecting cable.

Description	Connector type	On/Off switch	Socket outlets	Art. no.
Power strip with socket outlets 230 V	D / PE	-	3	**89.174.000**
	CH	-	3	**89.175.000**
	F	-	3	**89.176.000**
	GB	-	3	**89.177.000**
Power strip with socket outlets 230 V and On/Off switch	D / PE	●****	3	**89.178.000**
	CH	●****	3	**89.179.000**
	F	●****	3	**89.180.000**
	GB	●****	3	**89.181.000**
Power strip with FI safety switch*****	via GST-18	-	-	**89.182.000**

Socket strip

Designed for 230 V. CH version with thermal fuse 10 A. Description: plastic, black. Including fastening material for workbench top and support pillar bracket.

Description	Connector type	On/Off switch	Socket outlets	Art. no.
Socket strip 230 V	D / PE	●	4	**89.170.000**
	CH	●	4	**89.171.000**
	F	●	4	**89.172.000**
	GB	●	4	**89.173.000**

System socket supply cable

Simple and quick electrical installation through plug and socket connector system, 3-pin.

Plug type	Length m	Art. no.
D / PE	3	**89.545.000**
CH	3	**89.544.000**
F	3	**89.545.000**
GB	3	**89.546.000**

Connecting cable

3-pin connector system with plug and socket.

Length m	Art. no.
0.5	**89.547.000**
1	**89.548.000**
2	**89.549.000**
3	**89.550.000**

W →	for module width mm	**665**
	Nom. width mm	599 (594)

Art. no.

Preconfigured power conduits
Consisting of the basic frame and the fitted cover plate on the front (module types see right). The power conduits are fitted with another cover plate at the rear. Specification: sheet steel. Colour: as per colour chart.

+ Fastening material set and supply cables (see below)

	Type	1 2
Power conduits, preconfigured without fastening material set and connecting cables		
	CH	93.443.**XXX**
	D / PE	93.449.**XXX**
	F	93.455.**XXX**
	GB	93.461.**XXX**

Art. no.

Cover strip
Ensures that the base frame is flush fitting on the top.

Cover strip*	93.421.**XXX**

Fastening sets
For mounting the power conduits. One pair for each set, including screw fittings. Specification: sheet steel. Colours: as per colour chart.

For mounting	Art. no.
between the support pillars	93.427.**XXX**
attached to front of support pillars	93.428.**XXX**

System socket supply cable
Simple and quick electrical installation through plug and socket connector system, 3-pin.

Type	Width m	Art. no.
D / PE	3	**89.545.000**
CH	3	**89.544.000**
F	3	**89.545.000**
GB	3	**89.546.000**

Compressed air strip for support pillar
Compressed air strip for support pillar, with 2 compressed air boxes, inside diameter 7.2, and one coupling plug in the end cap. Including fastening material for support pillar. Specification: sheet steel. Colour: light grey, RAL 7035.

Connections	W → mm	D ↗ mm	H ↑ mm	Art. no.
2 × Com- pressed air	60	60	150	**65.281.000**

between the support pillars

attached to front of support pillars

750	1000	1330	1500	2000
684 (679)	934 (929)	1264 (1259)	1434 (715/715)	1934 (715/500/715)
Art. no.	Art. no.	Art. no.	Art. no.	Art. no.
93.444.XXX	93.445.XXX	93.446.XXX	93.447.XXX	93.448.XXX
93.450.XXX	93.451.XXX	93.452.XXX	93.453.XXX	93.454.XXX
93.456.XXX	93.457.XXX	93.458.XXX	93.459.XXX	93.460.XXX
93.462.XXX	93.463.XXX	93.464.XXX	93.465.XXX	93.466.XXX

Art. no.	Art. no.	Art. no.	Art. no.	Art. no.
93.422.XXX	93.423.XXX	93.424.XXX	93.425.XXX	93.426.XXX

*optional

Art. no.	Art. no.	Art. no.	Art. no.	Art. no.
93.427.XXX	93.427.XXX	93.427.XXX	93.427.XXX	93.427.XXX
93.428.XXX	93.428.XXX	93.428.XXX	93.428.XXX	93.428.XXX

1

Power module
1 × switch
1 × 230 V socket outlet

1 Typ CH

Power module
1 × overcurrent protection (thermal fuse 10A)
1 × switch

2

Power module
2 × 230 V socket outlet

5

Blank cover
for subsequently accommodating power modules

For other power modules, see Compendium:

Power module
1 × line safety switch, 1-pole
(CH: 10 A, D / PE: 16 A)

Power module
1 × earth leakage circuit breaker
25 A / 30 mA

Power module
Emergency stop button

Power module
2 × 2 RJ45 network sockets, without network cable, plug and play, Cat. 6

Power module
2 × DN7 compressed air outlets,
input: plug nipple Dn5,
output: quick coupling DN5

Power module
1 × socket outlet 230 V
2 × Power USB

Power module
1 × socket outlet 230 V
2 × RJ45, without network cable,
Plug+Play, Cat6

Power module
1 × overcurrent protection (thermal fuse 10A)
1 × 230 V socket outlet

For colour information see p. 99. When ordering, please use the desired three-digit colour code (instead of XXX).

With its modular test and inspection workstations, LISTA offers optimised solutions for modern quality assurance practices. A variety of different test stations can be assembled from our wide selection of components in order to meet your individual needs and fulfil the most demanding requirements. You can be assured of one thing: system-based quality.

+ ESD protection
Test and inspection workstations are ESD compliant

+ Utmost stability
through high-quality welded sheet steel construction

+ Great design diversity and modularity
for individual configuration and combination of top-mounted monitor cabinets with drawer and hardware cabinets

+ Secure locking system
with drawers, monitor doors and hinged doors to protect expensive hardware and important documents

+ Fully mobile
for mobile version

+ User-friendly
thanks to lockable keyboard drawer with full extension runner for keyboard and mouse

+ Perfect cable management
through cable conduits and openings for horizontal and vertical cable ducts

+ Optionally with lighting, power strip and ventilator
for an optimum working environment

» Benefits of LISTA drawer cabinets
see p. 54/55

ESD storage containers and keyhole hooks not only keep workbenches and workstations neat and tidy, they also ensure that tools and accessories are neatly stored and always within reach on assembly trolleys and when they are used as accessories in full storage walls and shelving systems. You bet.

+ Great design diversity
wide selection of keyhole hooks for efficient and orderly storage of tools, storage containers in a variety of colours and sizes

+ Fast and easy assembly
by simply hooking onto any perforated rear panel or placing in containers

+ Robust design
keyhole hooks made from steel, storage containers from durable polyethylene (PE)

+ Clear labelling
of the storage containers through integrated labelling system

ESD storage container

Width, depth and height refer to the external dimensions. The storage containers are resistant to most oils, acids and alkalis, reduce noise when used on conveyors and when used properly are resistant to temperatures of –20°C to +60°C. Specification: polypropylene, ESD black.

	Size 2	Size 3	Size 4
	Art. no.	Art. no.	Art. no.
●	**83.104.000**	**83.109.000**	**83.114.000**
Dimensions W × D × H mm	101 × 90 × 50	103 × 164 × 75	149 × 231 × 125
Content dm³	0.3	0.9	2.7
Paper labels, white	**83.127.000**	**83.129.000**	**83.131.000**
Number	10	10	10
Transparent sheet	**83.128.000**	**83.130.000**	**83.132.000**
Number	10	10	10
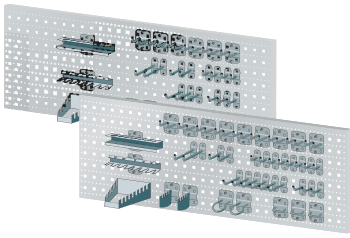
Keyhole hook sets

Specification	Art. no.
12-piece	**45.270.000**
18-piece	**45.271.000**
28-piece	**45.272.000**
40-piece	**45.273.000**
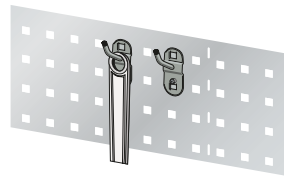
Tool holder, inclined

Length mm	Art. no.
50	**45.274.000**
100	**45.275.000**
150	**45.276.000**

Sold in packs of 5
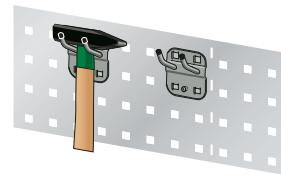
Tool holder, inclined, double

Length mm	Art. no.
35	**45.301.000**
50	**45.302.000**
75	**45.303.000**

Sold in packs of 5
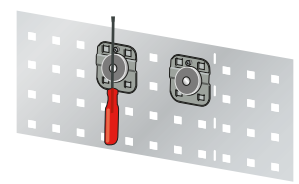
Magnetic holder

Ø mm	Art. no.
35	**44.345.000**

Sold in packs of 5
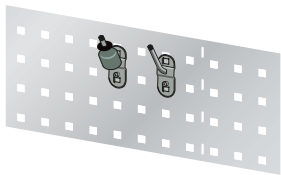
Inclined hook

Length mm	Art. no.
14/40	**45.277.000**

Sold in packs of 5
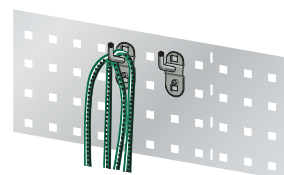
Tool holder, vertical

Specification	Length mm	Art. no.
single	**35**	**45.278.000**
single	**75**	**45.279.000**
single	**125**	**45.280.000**

Sold in packs of 5
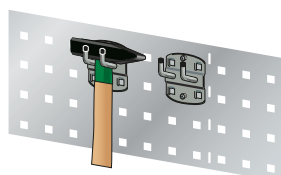
Tool holder, vertical

Specification	Length mm	Art. no.
double	**35**	**45.281.000**
double	**50**	**45.282.000**
double	**75**	**45.283.000**

Sold in packs of 5
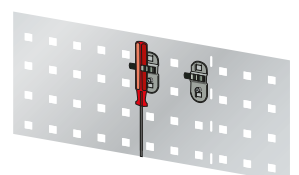
Tool clamp

Length mm	Art. no.
6	**45.284.000**
10	**45.285.000**
13	**45.286.000**
16	**45.287.000**
19	**45.288.000**

Sold in packs of 5
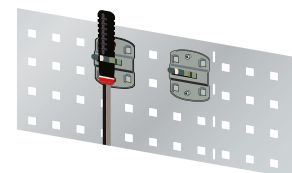
Tool clamp, large base plate

Ø mm	Art. no.
25	**45.289.000**
28	**45.290.000**
32	**45.291.000**

Sold in packs of 5
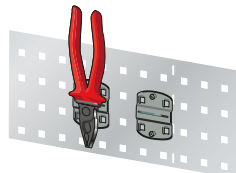
Pliers holder

Width mm	Art. no.
35	**45.292.000**
55	**45.293.000**
75	**45.294.000**

Sold in packs of 5
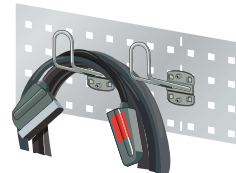
Cable holder

Specification	Art. no.
150	**45.295.000**

Sold in packs of 5
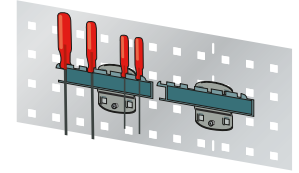
Screwdriver holder

Specification	Art. no.
for 6 parts	**45.296.000**
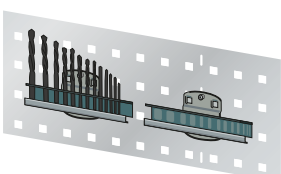
Drill bit / Allen key holder

Specification	Art. no.
for 14 parts	**45.297.000**
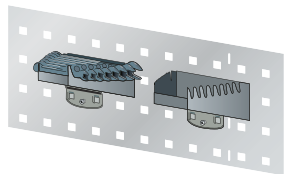
Spanner holder

Specification	Art. no.
for 8 parts	**45.298.000**
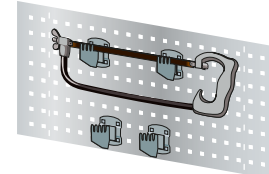
Saw holder

Specification	Art. no.
for 4 saws	**45.299.000**

Sold in packs of 2
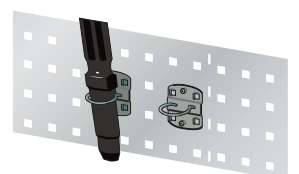
Machine holder

Ø mm	Art. no.
40	**45.300.000**

Sold in packs of 5

The keyhole hooks must be fixed in position using the fixing tools provided. A detailed list of the keyhole hook sets is available on request. Further holders are available on request. Colour of holders: white aluminium, RAL 9006. Keyhole hooks and holders are not ESD compliant.

ESD desk chairs from LISTA provide perfect seating and standing solutions for versatile use in production, at electronic workstations or in the laboratory. All chairs are manufactured according to the industry work chair standard DIN 68877, taking into account all major ergonomic findings in industrial medicine. The robust design and hard-wearing materials make the chairs very durable, ensure the required hygiene and are easy to clean. With functions such as ergonomically adaptable adjustment, these chairs are the perfect workstation seating solution.

+ ESD protection
Desk chairs are ESD compliant

+ Utmost stability
sturdy base with resilient, robust and non-slip seats

**+ User-friendly and ergonomic**
thanks to simple adjustment functions such as stepless seat and backrest height adjustment, seat tilt adjustment and weight regulation

+ Tremendous design diversity
thanks to different surfaces, materials and selectable bases with casters or abrasion-resistant sliders

A good desk chair increases the efficiency of your company and ensures safety in the workplace
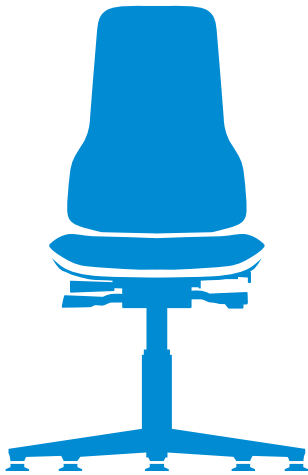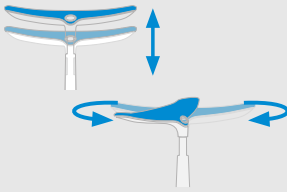
- free-floating backrest, height and tilt-adjustable
- adapts to different types of work when sitting
- prevents the risk of entrapment or crushing
- height-adjustable seat
- additional slip-resistant step-up rail for chairs with an adjustable seat height of over 650 mm
- no casters for chairs with a seat height of over 650 mm (except for seat-stop casters)
- base with minimum five support points and safety against tilting

ESD stand-up seat

Fascinating solution for virtually all kinds of standing work. Seat consists of hard-wearing and non-slip soft-touch PU foam (colour black), integrated comfort handles, extra wide comfortable seat, continuous seat height adjustment, seat rotatable 20° to the left and right, sturdy base with brilliant silver coated aluminium surface.

Base including cushion	Surface Seat height mm	ESD Art. no.
with base	620–850	**69.536.000**

i **Mechanisms and functions**

Seat height adjustment
Seat rotatable 20°
to the left and right

Art. no. **69.506.000**
with casters, made of ESD fabric

Art. no. **69.512.000**
with sliders and height-adjustable
base ring, made of ESD imitation leather

Swivel chair
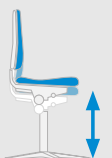
Perfect entry-level model for correct posture in production. Low profile, sturdy five-star base made of plastic, in black, either with load-dependent braked casters for hard floors or abrasion-resistant floor sliders. Available in the following versions: ESD fabric, ESD imitation leather.

Base including cushion	Surface Seat height mm	ESD fabric Art. no.	ESD imitation leather Art. no.
with casters	440–590	**69.506.000**	**69.507.000**
with sliders and height-adjustable base ring	580–850	**69.511.000**	**69.512.000**
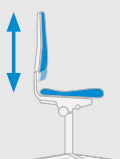
i **Mechanisms and functions**

Permanent contact backrest

Seat height adjustment

Backrest height adjustment

Art. no. **69.519.000**
with casters

Art. no. **69.517.000**
with gliders

Art. no. **69.521.000**
with gliders and footrest

ESD swivel chair with replaceable cushion

Desk chair, ergonomic and functional for modern industry. Innovative chair/cushion combination in 1+1 system for durability, flexibility and perfect adaptation to the respective working area. Flexband made of soft plastic protects the chair and surrounding area, colour „Ocean blue". Solid steel construction with aluminium star base (metal parts in black, plastic parts in basalt grey), either with load-dependent braked casters for hard floors or abrasion-resistant floor gliders.

Base **excluding cushion**	Seat height mm	Art. no.
with casters	450 – 620	**69.519.000**
with sliders	450 – 620	**69.517.000**
with gliders and footrest	590 – 870	**69.521.000**

Replacement cushions

A selection of cushion materials is available to suit a variety of applications: tough integral foam cushions capable of withstanding mechanical loads, soft and washable easy-care imitation leather, robust and breathable fabric cushions as well as the world first „Supertec" – an innovative cover material that combines the advantages of fabric and integral foam.

Fabric
Breathable, comfortable, soft, hard-wearing. Colour: black.

Art. no. **69.526.000**

Imitation leather
Washable, easy-care, resistant to oils and disinfectants, soft and comfortable. Colour: black.

Art. no. **69.527.000**

Integral foam
Robust, durable, washable, resistant to flying sparks and weak acids and alkalis. Colour: black.

Art. no. **69.528.000**

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i | **Mechanisms and functions**
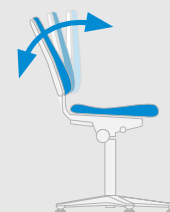
Permanent contact backrest
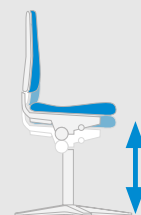
Seat height adjustment
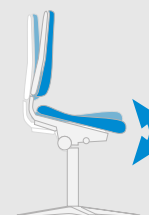
Seat tilt adjustment
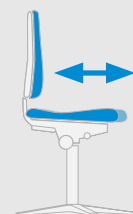
Seat depth adjustment
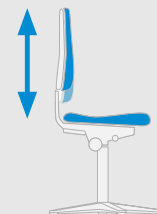
Backrest height adjustment

Weight regulation

Personnel grounding

ESD wrist strap
Standard strap with in-woven silver-coated synthetic fibres,
dark blue, 10 mm, typical resistance.
Inside R = < 1 × 10³ ohm, typical resistance.
Outside = R > 1 × 10⁹ ohm.

Art. No. **95.972.000**

ESD coiled lead
Coiled lead with press stud. Connection type: DK 10/10 mm.
Length: 2.4 m, black. Safety resistor: 2 × 1 Mohm.

Art. No. **95.971.000**

ESD grounding box
Various connection options available:
2 × 10 mm DK, 1 × 4 mm safety socket, safety resistor
1 Mohm/connection, type of connection 4 mm lug.

Art. No. **95.969.000**

ESD mats

ESD table mat
Platinum grey. Dimensions L × W: 600 × 1000 m.

Art. No. **95.973.000**

ESD floor mat
Ecostat Duo – 2.0 PVC standard floor mat with rounded corners,
grey, 2 × 10 mm. Press stud connection and grounding lead.
Typical discharge resistance $R_{gp} = 10^6 - 10^8$ ohm. Dimensions:
1500 × 2000 mm. Material thickness: 2 mm.
Material: PVC.

Art. No. **95.974.000**

Markings for workstations

ESD warning sign, German
Plastic sign for hanging and marking EPA
(electrostatic protected areas). Dimensions: 300 × 500 mm.
Thickness: 5 mm.

Art. No. **95.975.000**

ESD warning sign, English
Plastic sign for hanging and marking EPA
(electrostatic protected areas). Dimensions: 300 × 500 mm.
Thickness: 5 mm.

Art. No. **95.966.000**

ESD floor marking tape
Durable vinyl adhesive tape for marking ESD-protected areas.
Core ø: 76 mm. Material thickness: 130 mm. Roll width:
50 mm. Roll length: 33 m.

Art. No. **95.967.000**

ROBUST ALL-ROUNDERS

LISTA ESD drawer cabinets provide a robust and well protected storage option for equipment and many other items. High-quality specifications and a variety of individual configuration options make these robust all-rounders ideal for a wide variety of requirements and environments. Their special design guarantees optimum space utilisation. In addition, ESD housing and ESD drawers can be variably partitioned, intelligently labelled, protected with access control and finished in almost any colour. Nowhere else will you find this degree of flexibility.

! ALWAYS WITH LISTA

Free choice of colours
Four standard colours, additional colours available on request; see p. 97

Intelligent locking systems
Replaceable cylinders which can be fitted to existing locking systems, electronic numeric and remote locking systems via RFID Lock for absolute security made to measure; see p. 10

Individual configuration options
in terms of size, equipment, locking system, colour and drawer partitions

Fully combinable
with the entire LISTA range thanks to standard measurement unit

+ ESD protection
Drawer cabinets are ESD compliant

+ Utmost stability
load capacity of ESD housing up to 4 t; load capacity of ESD drawers 75 or 200 kg

+ Can be utilised to the full
since ESD drawers can be fully extended and the ESD drawer shell heights are optimised

+ Well protected
against dirt, liquids and mechanical load through closed ESD housing with impact and abrasion-resistant surface

+ Outstanding safety features
safety catch to prevent the ESD drawers from falling out and anti-tilt mechanism to prevent opening of more than one ESD drawer at a time

+ Corrosion protection
environmentally-friendly powder coating

+ Optimum order and organisation
thanks to special LISTA partition material for every purpose and perforated, slotted drawers

+ Professional labelling
with LISTA Script labelling software and clip-on label holders which fold upwards

+ Perfectly smooth running
through differential pull-out without a crossbar

+ Flexibly adaptable
through pre-perforated holes for table tops (punch-outs), rollers, drawers, locking systems for easy retro-fitting and refitting

+ Maximum use of drawer space
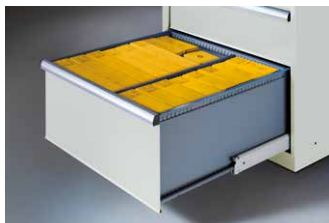
Optimum shell height
- drawer sides and rear panels the same height as the fronts
- maximum use of vertical space
- optimum protection against items falling out and loss of stored items

Full extension
- maximum use of horizontal space
- everything in view
- optimum access

+ Perfectly smooth running

Pull-out without crossbar
- perfectly smooth running and ease of movement through differential pull-out without a crossbar
- enables the drawer to be fully extended

Quiet locking tab
- special plastic cover in the locking tab
- smooth and quiet locking process

+ Professional labelling

Label holder which folds upwards
- on drawers, troughs, metal dividers, separators and housing
- for easy, clean and protected labelling

LISTA Script
The LISTA Script labelling software offers:
- numerous labelling options
- pictograms
- barcode generator

As a LISTA customer, you can download our LISTA Script labelling software free of charge online at: www.lista.com/script

+ Partition material for every purpose
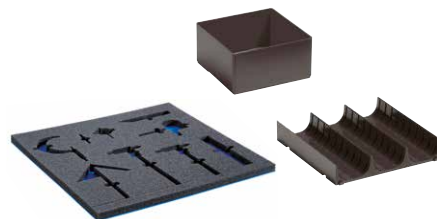
The LISTA standard
Our drawer partition materials are standardised and therefore compatible with the entire LISTA range.

Benefits of LISTA ESD storage systems

Storage in ESD drawers

Storing small parts in ESD drawers rather than on shelves ensures that stored items are protected from dust and contamination while saving space and optimising organisation. The entire contents of the ESD drawer are visible in no time, whereas with a shelf, items may have to be moved or reached over to gain access.

- The depth of a compartment can be adapted to suit the stored items at any time, and any number of parts can be placed one behind the other
- By simply pulling out the ESD drawer, you can clearly see the contents and have everything within reach in a truly space-saving way

+ Example of space requirement

Usable depth	4×600	= 2400 mm	
Depth of aisle	2×1000	= 2000 mm	Total 4400 mm

600 mm · 1450 mm · 1000 mm · 4400 mm
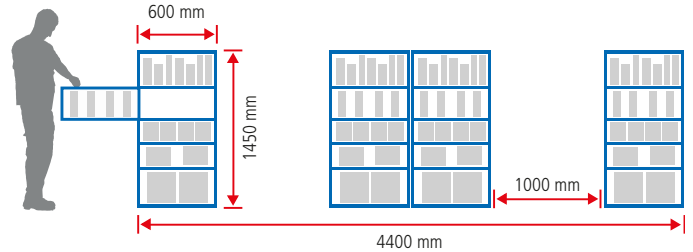
Storage on shelves

- If the parts are smaller than the depth of the shelves, there is a lot of unused space behind the goods
- If the items are stored behind one another, then space is needed for both visibility and access

– Example of space requirement

Usable depth	8×300	= 2400 mm	
Depth of aisle	4×800	= 3200 mm	Total 5600 mm

300 mm · 2000 mm · 800 mm · 5600 mm
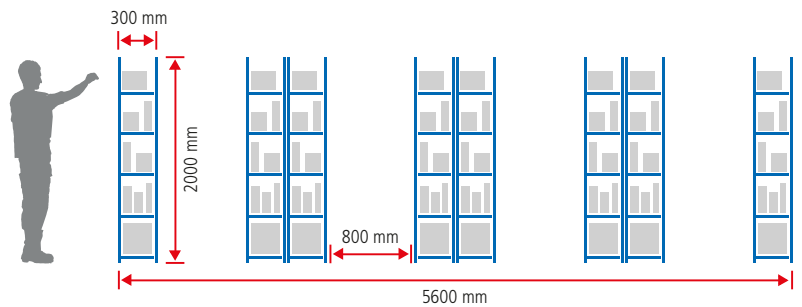
+ Optimum order and organisation

Plastic boxes and troughs
for small and cylindrical items

Metal separators
for different sized parts

PE foam inserts
for special and measuring tools

Perforated, slotted drawers hold items firmly in place

- a series of slots around the drawer walls hold the partitioning material firmly in place
- perforated drawer bases enable slotted dividers, metal separators, dividers, holding pins or milling cutter holders to be optionally screwed in place

LISTA Units	Depth 27 E				Depth 36 E						
	18 × 27 E	27 × 27 E	36 × 27 E	54 × 27 E	18 × 36 E	27 × 36 E	36 × 36 E	45 × 36 E	54 × 36 E	64 × 36 E	78 × 36 E
Cabinet floor area mm	411 × 572	564 × 572	717 × 572	1023 × 572	411 × 725	564 × 725	717 × 725	870 × 725	1023 × 725	1193 × 725	1431 × 725
Drawer useful space mm	306 × 459	459 × 459	612 × 459	918 × 459	306 × 612	459 × 612	612 × 612	765 × 612	918 × 612	1088 × 612	1326 × 612

+ Flexibly adaptable

Variable raised edges
- raised edges on three sides of stationary ESD cabinets for simple and easy cleaning
- raised edges on four sides of mobile ESD cabinets to protect the goods being transported

Punch out
- housing covers with pre-perforated holes which can be punched out
- for retrofitting with a ESD table top or second ESD drawer cabinet on top

Base/forklift base
- optional base and forklift base (for drawer cabinets with a width of 36 E and over)
- makes it easy to adjust the height of the drawer cabinet
- enables the loaded cabinet to be lifted and moved with a forklift truck

Mobile cabinets
Our mobile ESD cabinets are supplied with:
- raised edges on all four sides and push-bar
- black ribbed mat
- two swivel castors with brakes
- two fixed castors and single-drawer locking mechanism

Stationary ESD cabinets can be converted to mobile cabinets at any time.
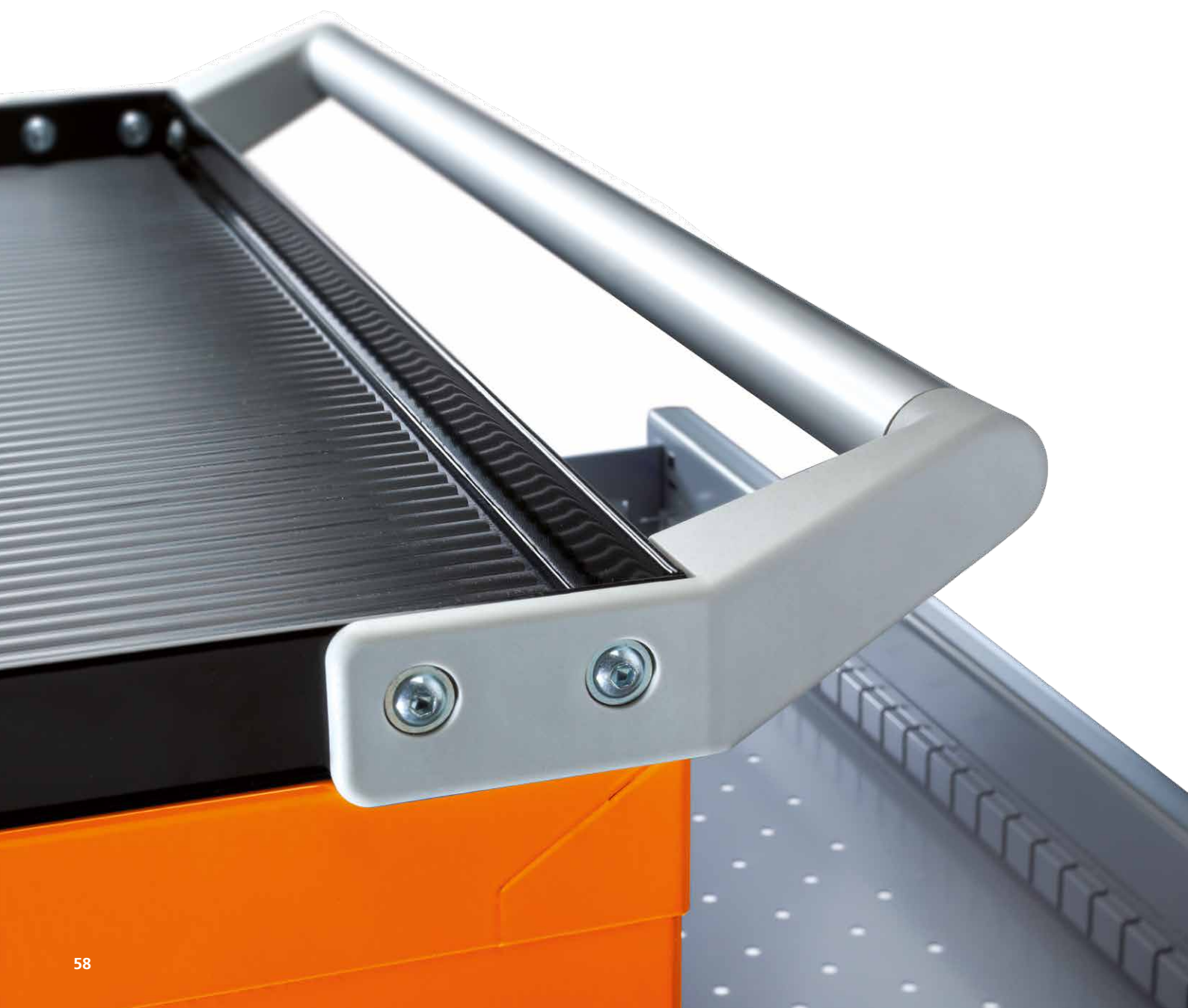
+ Individual configuration options

As standard, LISTA ESD drawer cabinets are available in seven different widths, two depths and a variety of heights. The configuration options in terms of size, equipment, locking system, colour and drawer partitions are almost unlimited.

Our ESD drawer cabinets can be combined individually to suit any working environment in order to make maximum use of available space. They can be extended at any time and therefore offer a scaleable solution tailored to your needs.

Typical configurations

Configuration as an ESD drawer cabinet

Configuration as an ESD drawer cabinet with recessed hinged door, pull-out shelves and adjustable shelves

Configuration as an ESD drawer cabinet with drawers, recessed hinged door, pull-out shelves and adjustable shelves

Configuration as a mobile ESD drawer cabinet

+ Outstanding safety features

Single drawer opening as standard
- prevents the ESD cabinet from tipping over by blocking all other drawers when one drawer is pulled out
- allows for drawers to be moved around into a different arrangement at any time

Flush drawer front
- drawer handles with side covers which sit snugly within the front profile
- look good and are safe

Safety catches
- comply with all regulations against drawers accidentally falling out of ESD cabinets
- reduce the risk of injuries at the workplace
- can easily be deactivated in order to move individual drawers

Information on load capacity
- the load capacity (75 or 200 kg) is inscribed on the drawer runners
- increased safety

+ Extra safety for stationary and mobile cabinets

Safety catch on right
- our standard safety catch for all mobile ESD cabinets
- can be operated with one hand

Single safety catch on the right and left
- especially suitable for mobile equipment
- both hands are needed to operate them

Double safety catch
- has all the same features as the single safety catch on the left and the right
- easier to use since it can be operated with one hand

Lilo locking device
- with external lever for fixing the fully laden drawer in either open or closed position
- for a drawer load capacity of 200 kg

Countless configuration options

Covers
Raised edges on three sides, ribbed mat, ESD cover panel, raised edges on four sides with push bar (for mobile cabinets)
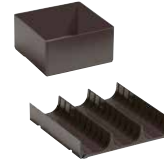
Partition material
Trough dividers, plastic boxes and troughs, antislip mats, foam inserts, etc.
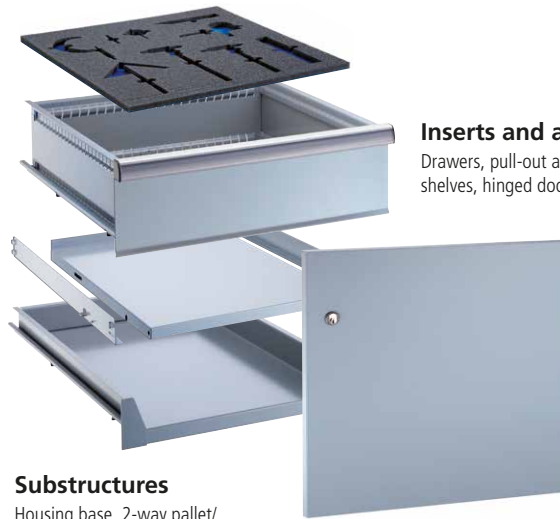
Inserts and add-ons
Drawers, pull-out and adjustable shelves, hinged doors

Locking systems
KEY Lock, CODE Lock, RFID Lock or AUTO Lock

Substructures
Housing base, 2-way pallet/ forklift truck base, pairs of castor holders, individual castors and levelling feet

Order preconfigured models

LISTA Units	**1.** Pre-configured ordering examples	**2.** Partition material

■ or options

… or configure and order ESD cabinets individually
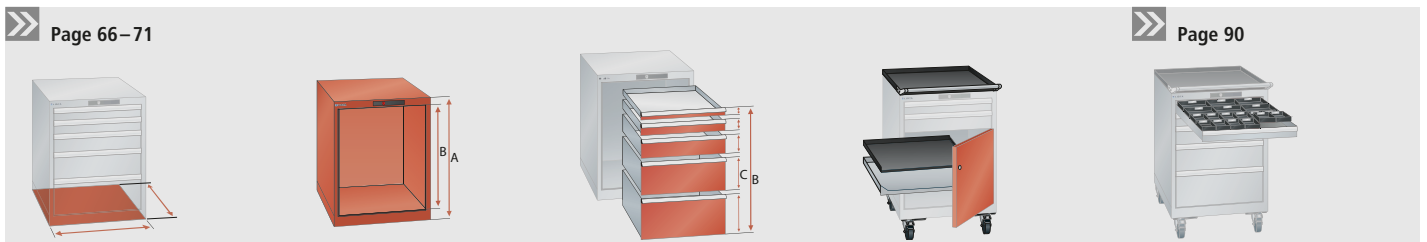
LISTA Units	**1.** Housing	**2.** Drawers	**3.** Accessories	**4.** Partition material
■ select the cabinet floor area (e. g. 717 × 572 mm = 36 × 27 E or 717 × 725 mm = 36 × 36 E) ■ LISTA Unit E × E = a unit of measure which helps to choose drawers and partition materials	■ choice of various housing heights (A) ■ the choice of housing always includes the choice of the preferred locking system and the colour	■ define the height of the front, the load capacity, the colour and the type of safety catch ■ sum of the drawer front heights (C) = clear height (B) (see diagram)	■ can be equipped with drawers and doors ■ select the cabinet accessories ■ mobile cabinets must have a drawer safety catch and a push-bar	■ select the partition material for the drawers ■ N.B.: take the drawer height and usable surface into account!

In addition to the stationary versions, all LISTA ESD drawer cabinets are also available as mobile cabinets. This increased mobility provides greater convenience and gains extra space. Mobile cabinets enable you to transport stored items easily and quickly and can conveniently be stored under a work surface if space is at a premium.

+ ESD protection
Mobile cabinets are also ESD compliant

+ Greater mobility
through smooth-running ESD rubber castors, depending on the properties of the floor

+ Optimum use of space
when positioned under work surfaces

+ Safe and convenient
thanks to raised edges all round, ergonomic push-bar and additional drawer safety mechanisms

» Benefits of LISTA ESD drawer cabinets
see p. 54/55

Mobile ESD cabinets
All mobile drawer cabinets on these two
pages are equipped with:
1 raised edge on 4 sides and ribbed mat,
1 push-bar,
1 pair castor holders with rubber castors Ø 100 mm,
Drawer safety catch on right, load capacity 400 kg

**ESD drawer cabinet
with KEY Lock**
Colour: anthracite grey, RAL 7016 ESD
(excluding partition material)

**Mobil ESD drawer cabinet
with KEY Lock**
Colour: light grey, RAL 7035 ESD
(excluding partition material)

i

When ordering a drawer cabinet from
these two pages with **CODE Lock,**
please add the suffix „**C**" or for **RFID**
or **AUTO Lock** the suffix „**F**" or „**A**"
to the article number from the table
(e.g. **95.083.XXX.C**).

>> Other locking systems
see p. 10 – 13

18 × 27 E   W → 411 mm   D ↗ 572 mm

306 × 459 mm

H ↑	**Number** of drawers mm	Specification	kg	🔒	Art. no. 🌈
283	**2**: 1 × 50 / 1 × 150	stationary	75	KEY Lock	**93.100.XXX**
383	**3**: 1 × 50 / 1 × 100 / 1 × 150	stationary	75	KEY Lock	**93.101.XXX**
723	**4**: 1 × 50 / 1 × 100 / 2 × 150	mobile	75	KEY Lock	**93.102.XXX**

27 × 27 E   W → 564 mm   D ↗ 572 mm

459 × 459 mm

H ↑	**Number** of drawers mm	Specification	kg	🔒	Art. no. 🌈
283	**2**: 1 × 50 / 1 × 150	stationary	75	KEY Lock	**95.006.XXX**
383	**3**: 1 × 50 / 1 × 100 / 1 × 150	stationary	75	KEY Lock	**95.011.XXX**
850	**5**: 1 × 100 / 3 × 150 / 1 × 200	stationary	75	KEY Lock	**95.015.XXX**
850	**6**: 2 × 75 / 2 × 100 / 2 × 200	stationary	75	KEY Lock	**95.031.XXX**
850	**7**: 2 × 75 / 3 × 100 / 2 × 150	stationary	75	KEY Lock	**95.039.XXX**
850	**8**: 1 × 50 / 2 × 75 / 4 × 100 / 1 × 150	stationary	75	KEY Lock	**93.034.XXX**
890	**5**: 4 × 100 / 1 × 200	mobile	75	KEY Lock	**95.051.XXX**
890	**6**: 1 × 50 / 2 × 75 / 2 × 100 / 1 × 200	mobile	75	KEY Lock	**95.055.XXX**
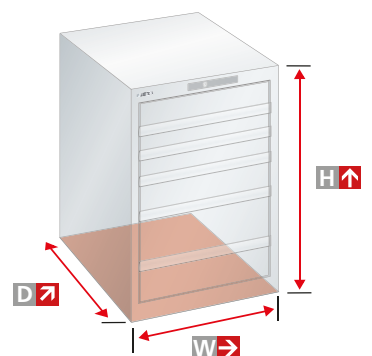
kg = load capacity
🔒 = locking system

H ↑
D ↗
W →

ESD drawer cabinet with KEY Lock
Colour: anthracite grey, RAL 7016 ESD
(excluding partition material)

Mobil ESD drawer cabinet with KEY Lock
Colour: light grey, RAL 7035 ESD
(excluding partition material)

27 × 36 E	W➔ 564 mm	D⬈ 725 mm				

459 × 612 mm

H⬆	**Number** of drawers mm	Specification	🏋 kg	🔒	Art. no.
283	**2**: 1 × 50 / 1 × 150	stationary	75	KEY Lock	**95.063.**XXX
383	**3**: 1 × 50 / 1 × 100 / 1 × 150	stationary	75	KEY Lock	**93.035.**XXX
700	**4**: 1 × 100 / 2 × 150 / 1 × 200	stationary	75	KEY Lock	**93.037.**XXX
700	**6**: 1 × 50 / 2 × 75 / 2 × 100 / 1 × 200	stationary	75	KEY Lock	**93.038.**XXX
723	**4**: 1 × 50 / 2 × 100 / 1 × 200	mobile	75	KEY Lock	**95.128.**XXX
723	**5**: 2 × 50 / 2 × 100 / 1 × 150	mobile	75	KEY Lock	**95.132.**XXX
800	**4**: 2 × 100 / 1 × 200 / 1 × 300	stationary	75	KEY Lock	**95.083.**XXX
800	**5**: 1 × 50 / 2 × 100 / 1 × 150 / 1 × 300	stationary	75	KEY Lock	**95.091.**XXX
800	**7**: 1 × 50 / 2 × 75 / 2 × 100 / 2 × 150	stationary	75	KEY Lock	**95.097.**XXX
800	**7**: 2 × 75 / 4 × 100 / 1 × 150	stationary	75	KEY Lock	**95.104.**XXX
850	**5**: 2 × 100 / 1 × 150 / 2 × 200	stationary	75	KEY Lock	**95.109.**XXX
850	**6**: 1 × 50 / 2 × 100 / 2 × 150 / 1 × 200	stationary	75	KEY Lock	**93.041.**XXX
850	**7**: 1 × 50 / 2 × 75 / 2 × 100 / 1 × 150 / 1 × 200	stationary	75	KEY Lock	**95.120.**XXX
850	**7**: 2 × 75 / 3 × 100 / 2 × 150	stationary	75	KEY Lock	**93.042.**XXX
990	**5**: 1 × 50 / 2 × 100 / 1 × 150 / 1 × 300	mobile	75	KEY Lock	**95.136.**XXX
990	**7**: 1 × 50 / 2 × 75 / 2 × 100 / 2 × 150	mobile	75	KEY Lock	**95.140.**XXX
990	**7**: 2 × 75 / 4 × 100 / 1 × 150	mobile	75	KEY Lock	**93.043.**XXX

Equipped with ESD drawers and doors

Drawer cabinets can optionally be fitted with drawers and a door. Because the door is recessed, special pull-out shelves are used. As standard, the two locks have different keys. Identical locks or a CODE/RFID Lock locking system are available on request (CODE/RFID Lock is not available for doors).

⟫ Accessories
see p. 68

For colour information see p. 99. When ordering, please use the desired three-digit colour code (instead of XXX).

ESD drawer cabinet with CODE Lock
Colour: light grey, RAL 7035 ESD
(excluding partition material)

ESD drawer cabinet with KEY Lock
Colour: anthracite grey, RAL 7016 ESD
(excluding partition material)

36 × 36 E	W → 717 mm	D ↗ 725 mm

612 × 612 mm

H ↑	Number of drawers mm	Specification	kg	🔒	Art. no.	🌈
850	5: 1 × 100 / 3 × 150 / 1 × 200	stationary	75	KEY Lock	95.152.XXX	
850	7: 2 × 75 / 3 × 100 / 2 × 150	stationary	75	KEY Lock	95.156.XXX	
850	8: 1 × 50 / 2 × 75 / 4 × 100 / 1 × 150	stationary	75	KEY Lock	95.160.XXX	
1000	6: 1 × 100 / 4 × 150 / 1 × 200	stationary	75	KEY Lock	95.164.XXX	
1000	7: 1 × 50 / 2 × 75 / 2 × 100 / 1 × 200 / 1 × 300	stationary	75	KEY Lock	95.168.XXX	
1000	8: 1 × 50 / 2 × 75 / 2 × 100 / 2 × 150 / 1 × 200	stationary	75	KEY Lock	95.176.XXX	
1000	8: 2 × 75 / 3 × 100 / 3 × 150	stationary	75	KEY Lock	95.172.XXX	
1000	10: 1 × 50 / 2 × 75 / 7 × 100	stationary	75	KEY Lock	95.182.XXX	
1450	9: 3 × 100 / 5 × 150 / 1 × 300	stationary	75	KEY Lock	95.188.XXX	
1450	10: 1 × 50 / 5 × 100 / 4 × 200	stationary	75	KEY Lock	95.192.XXX	

i

When ordering a drawer cabinet from these two pages with **CODE Lock,** please add the suffix „C" or for **RFID** or **AUTO Lock** the suffix „F" or „A" to the article number from the table (e.g. **95.083.XXX.C**).

All ESD cabinets on this page are also available with a drawer load capacity of 200 kg.

🏋 = load capacity
🔒 = locking system

LISTA

Art. no. **78.297.540.C**
Colour: orange, NCS S 1080-Y40R ESD
(excl. partition material)

ESD Protected Area

ACHTUNG
ESD GESCHÜTZTER BEREICH
VORSICHTSMASSNAHMEN
BEI HANDHABUNG
ELEKTROSTATISCH
ENTLADUNGSGEFÄHRDETER
BAUELEMENTE
BEACHTEN

54 × 36 E	**W →** 1023 mm	**D ↗** 725 mm				
918 × 612 mm	**H ↑**	**Number** of drawers mm	Specification	**kg**	🔒	Art. no. 🎨
	1000	**6**: 1 × 100 / 4 × 150 / 1 × 200	stationary	75	KEY Lock	**95.196.XXX**
	1000	**6**: 1 × 100 / 4 × 150 / 1 × 200	stationary	200	KEY Lock	**95.200.XXX**
	1000	**7**: 1 × 50 / 2 × 75 / 2 × 100 / 1 × 200 / 1 × 300**	stationary	75	KEY Lock	**95.204.XXX**
	1000	**7**: 1 × 50* / 2 × 75 / 2 × 100 / 1 × 200 / 1 × 300	stationary	200	KEY Lock	**95.208.XXX**
	1000	**8**: 2 × 75 / 3 × 100 / 3 × 150	stationary	75	KEY Lock	**95.212.XXX**
	1000	**8**: 2 × 75 / 3 × 100 / 3 × 150	stationary	200	KEY Lock	**95.216.XXX**
	1000	**10**: 1 × 50 / 2 × 75 / 7 × 100	stationary	75	KEY Lock	**95.220.XXX**
	1000	**10**: 1 × 50* / 2 × 75 / 7 × 100	stationary	200	KEY Lock	**95.224.XXX**
	1450	**9**: 3 × 100 / 5 × 150 / 1 × 300**	stationary	75	KEY Lock	**95.231.XXX**
	1450	**9**: 3 × 100 / 5 × 150 / 1 × 300	stationary	200	KEY Lock	**95.239.XXX**
	1450	**10**: 1 × 50 / 5 × 100 / 4 × 200	stationary	75	KEY Lock	**95.243.XXX**
	1450	**10**: 1 × 50* / 5 × 100 / 4 × 200	stationary	200	KEY Lock	**95.247.XXX**

* Load capacity 75 kg
** Load capacity 200 kg

For colour information see p. 99. When ordering, please use
the desired three-digit colour code (instead of XXX).

1. ESD cabinet housing with locking systems

To lock all drawers simultaneously, the cabinet housing can be customised with the electronic KEY Lock, CODE Lock, RFID Lock or AUTO Lock.

Housing with KEY Lock

Housing with CODE Lock

Housing with RFID Lock

Housing with AUTO Lock

> **i** When ordering a cabinet with **CODE Lock,** please add the suffix „C" or for **RFID** or **AUTO Lock** the suffix „F" or „A" to the article number from the table (e.g. **95.246.XXX.C**).
>
> ⟫ Other locking systems: see p. 10 – 13

LISTA Units	Depth 27 E			
	18 × 27 E	**27 × 27 E**	**36 × 27 E**	**54 × 27 E**
Cabinet floor area mm W × D	411 × 572 mm	564 × 572 mm	717 × 572 mm	1023 × 572 mm
H mm / Clear height mm	Art. no.	Art. no.	Art. no.	Art. no.
283 / 200	93.230.XXX	95.296.XXX	○	○
383 / 300	93.231.XXX	95.331.XXX	○	○
533 / 450	93.225.XXX	93.232.XXX	○	○
650 / 550	95.259.XXX	95.338.XXX	○	○
700 / 600	95.284.XXX	93.233.XXX	95.362.XXX	95.386.XXX
800 / 700	○	95.346.XXX	○	○
850 / 750	95.288.XXX	95.351.XXX	95.374.XXX	95.390.XXX
1000 / 900	95.292.XXX	93.234.XXX	95.378.XXX	95.394.XXX
1150 / 1050	○	○	○	○
1325 / 1225	○	○	○	○
1450 / 1350	○	○	95.382.XXX	95.398.XXX
1625 / 1525	○	○	○	○

○ = on request

2. Drawers

Drawers with different front heights can be incorporated into the same cabinet housing in any order. The insides of the drawer walls are all fitted with a slotted grid in units (E) of 17 mm, which means each drawer can be partitioned as required.

Select load capacity

Drawer safety catches

Standard: standard model including single drawer safety catch (all article numbers from the table).

Safety catch on right: the minimum requirement for mobile drawer cabinets. One-sided drawer safety catch on the right can be released with one hand and prevents accidental opening of drawers even if the cabinet is unlocked.

> **i** When ordering a **single safety catch on the right**, please add the suffix **«R»** to the article number in the table (e.g. **95.519.XXX.R**).

Ordering tips

When selecting drawers, the clear height of the cabinet housing defines the size. The sum of the drawer front heights (C) must be equal to the clear height (B) (see diagram).
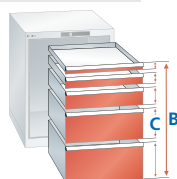
3. For further accessories
⟫ see next page

4. Partition material
for drawers
⟫ see p. 90 ff.

LISTA Units			**18 × 27 E**	**27 × 27 E**	**36 × 27 E**	**54 × 27 E**
75 kg Load capacity						
Drawer usable surface mm W × D			306 × 459 mm	459 × 459 mm	612 × 459 mm	918 × 459 mm
H mm	Usable height	Shell height	Art. no.	Art. no.	Art. no.	Art. no.
50*	32,5	28,5	95.492.XXX	95.512.XXX	95.552.XXX	95.631.XXX
75	57,5	49	95.494.XXX	95.517.XXX	95.557.XXX	95.633.XXX
100	82,5	76	95.496.XXX	95.524.XXX	95.561.XXX	95.640.XXX
125	107,5	76	-	95.529.XXX	95.565.XXX	95.647.XXX
150	132,5	126	95.498.XXX	95.533.XXX	95.577.XXX	95.653.XXX
200	182,5	176	95.500.XXX	95.538.XXX	95.582.XXX	95.657.XXX
250	232,5	226	-	95.543.XXX	95.595.XXX	-
300	282,5	276	95.502.XXX	95.548.XXX	95.627.XXX	-

* Drawers with a front height of 50 mm must be placed in the top position

200 kg Load capacity						
75	57,5	49	-	95.519.XXX	95.559.XXX	95.638.XXX
100	82,5	76	-	95.527.XXX	95.563.XXX	95.645.XXX
125	107,5	76	-	95.531.XXX	95.568.XXX	95.649.XXX
150	132,5	126	-	95.536.XXX	95.580.XXX	95.655.XXX
200	182,5	176	-	95.541.XXX	95.590.XXX	95.660.XXX
250	232,5	226	-	95.546.XXX	95.597.XXX	95.662.XXX
300	282,5	276	-	95.550.XXX	95.629.XXX	95.664.XXX

For filling and loading the drawers and drawer cabinets, please follow the installation manual and the loading guidelines. Load capacity applies to evenly distributed load.

			Depth 36 E			

18 × 36 E	27 × 36 E	36 × 36 E	45 × 36 E	54 × 36 E	64 × 36 E	78 × 36 E
411 × 725 mm	564 × 725 mm	717 × 725 mm	870 × 725 mm	1023 × 725 mm	1193 × 725 mm	1431 × 725 mm
Art. no.	Art. no.	Art. no.	Art. no.	Art. no.	Art. no.	Art. no.
95.402.XXX	93.235.XXX	○	○	○	○	○
95.406.XXX	93.236.XXX	○	○	○	○	○
95.410.XXX	93.237.XXX	○	○	○	○	○
95.414.XXX	93.238.XXX	○	○	○	○	○
95.418.XXX	93.239.XXX	93.243.XXX	○	95.983.XXX	○	○
○	93.240.XXX	93.244.XXX	○	○	○	○
95.422.XXX	93.241.XXX	93.245.XXX	○	95.480.XXX	○	○
95.426.XXX	93.242.XXX	93.246.XXX	○	95.484.XXX	○	○
○	○	95.459.XXX	○	○	○	○
○	○	95.463.XXX	○	○	○	○
○	○	93.247.XXX	○	95.488.XXX	○	○
○	○	95.982.XXX	○	○	○	○

18 × 36 E	27 × 36 E	36 × 36 E	45 × 36 E	54 × 36 E	64 × 36 E	78 × 36 E
306 × 612 mm	459 × 612 mm	612 × 612 mm	765 × 612 mm	918 × 612 mm	1088 × 612 mm	1326 × 612 mm
Art. no.	Art. no.	Art. no.	Art. no.	Art. no.	Art. no.	Art. no.
95.666.XXX	95.678.XXX	95.709.XXX	○	95.766.XXX	○	○
95.668.XXX	95.681.XXX	95.711.XXX	○	95.768.XXX	○	○
95.670.XXX	95.685.XXX	95.725.XXX	○	95.772.XXX	○	○
-	95.689.XXX	95.733.XXX	○	95.776.XXX	○	○
95.672.XXX	95.693.XXX	95.738.XXX	○	95.780.XXX	○	○
95.674.XXX	95.697.XXX	95.748.XXX	○	95.784.XXX	○	○
-	95.701.XXX	95.758.XXX	○	-	○	○
95.676.XXX	95.705.XXX	95.762.XXX	○	-	○	○
-	95.683.XXX	95.721.XXX	○	95.770.XXX	○	○
-	95.687.XXX	95.727.XXX	○	95.774.XXX	○	○
-	95.691.XXX	95.736.XXX	○	95.778.XXX	○	○
-	95.695.XXX	95.742.XXX	○	95.782.XXX	○	○
-	95.699.XXX	95.753.XXX	○	95.786.XXX	○	○
-	95.703.XXX	95.760.XXX	○	95.792.XXX	○	○
-	95.707.XXX	95.764.XXX	○	95.795.XXX	○	○

For colour information see p. 99. When ordering, please use the desired three-digit colour code (instead of XXX).

		Depth 27 E
	LISTA Units	**18 × 27 E**

Recessed hinged doors for pull-out and adjustable shelves

Made from sheet steel as a front closing option for the pull-out and adjustable shelves built into the housing beneath the drawers. The sum of the hinged door front heights and all drawer front heights must be equal to the clear height of the cabinet housing.

Hinged doors, recessed*		Art. no.
Mounted on the right	H 450 mm	**95.797.XXX**
Mounted on the right	H 600 mm	**95.798.XXX**
Mounted on the right	H 750 mm	**95.799.XXX**
Mounted on the left	H 450 mm	**95.800.XXX**
Mounted on the left	H 600 mm	**95.801.XXX**
Mounted on the left	H 750 mm	**95.802.XXX**
+ cylinders with different keys		**222.376.000**

* without cylinder; please order this separately

Pull-out and adjustable shelves for recessed doors

Made from sheet steel, Pale grey, NCS S 2403-Y ESD. Load capacity of pull-out shelf 75 kg, adjustable shelf 200 kg. Thanks to the 25 mm increments in the vertical supports of the cabinet housings, different shelves can be fitted in the same housing in any order.

Adjustable shelf, H 75 mm	**95.817.000**
Usable dimensions (W × D mm)	350 × 465
Pull-out shelf, H 100 mm	**95.823.000**
Usable dimensions (W × D mm)	281 × 459

Raised edges on 3 sides and ribbed mat

Made from sheet steel, black, NCS S 9000-N ESD, including ESD ribbed mat, black.

Raised edge with ribbed mat	**95.844.000**
Dimensions (W × D × H mm)	411 × 572 × 20
Ribbed mat only	**95.832.000**
Dimensions (W × D × H mm)	406 × 567 × 3

Resin-coated cover panel, light grey

Surface light grey, RAL 7035 ESD. Laminated chipboard (grade E1), with resin coating ESA on either side (manufactured according to standard EN 14322). With 2 mm black antistatic ABS edging on all sides. Including pre-drilled holes and fastening material.

Resin-coated cover panel	**95.849.000**
Dimensions (W × D × H mm)	411 × 572 × 22

Housing base

Made from sheet steel, as height compensation, black, NCS S 9000-N.

Housing base, H 50 mm	**74.045.000**
Dimensions (W × D mm)	411 × 540
Housing base, H 100 mm	**74.046.000**
Dimensions (W × D mm)	411 × 540

2-way pallet/forklift truck base

Made from sheet steel for screwing to the underside of the housing, black, NCS S 9000-N. **Base cover only** for attaching as a cover on the front or rear.

Base, without cover, H 100 mm	-
Dimensions (W × D mm)	
Cover only, H 100 mm	-

	Depth 27 E			Depth 36 E			
	27 × 27 E	**36 × 27 E**	**54 × 27 E**	**18 × 36 E**	**27 × 36 E**	**36 × 36 E**	**54 × 36 E**
	Art. no.	Art. no.	Art. no.	Art. no.	Art. no.	Art. no.	Art. no.
	95.803.XXX	**95.811.XXX**	-	**95.797.XXX**	**95.803.XXX**	**95.811.XXX**	-
	95.804.XXX	**95.812.XXX**	-	**95.798.XXX**	**95.804.XXX**	**95.812.XXX**	-
	95.805.XXX	**95.813.XXX**	-	**95.799.XXX**	**95.805.XXX**	**95.813.XXX**	-
	95.806.XXX	**95.814.XXX**	-	**95.800.XXX**	**95.806.XXX**	**95.814.XXX**	-
	95.807.XXX	**95.815.XXX**	-	**95.801.XXX**	**95.807.XXX**	**95.815.XXX**	-
	95.808.XXX	**95.816.XXX**	-	**95.802.XXX**	**95.808.XXX**	**95.816.XXX**	-
	222.376.000	**222.376.000**	-		**222.376.000**		-
	95.818.000 503 × 465	**95.819.000** 656 × 465	-	**95.820.000** 350 × 618	**95.821.000** 503 × 618	**95.822.000** 656 × 618	-
	95.824.000 434 × 459	-	-	**95.829.000** 281 × 612	**95.830.000** 434 × 612	**95.831.000** 587 × 612	-
	95.100.000 564 × 572 × 20	**95.845.000** 717 × 572 × 20	**95.846.000** 1023 × 572 × 20	**95.847.000** 411 × 725 × 20	**95.144.00** 564 × 725 × 20	**95.225.000** 717 × 725 × 20	**95.848.000** 1023 × 725 × 20
	95.101.000 559 × 567 × 3	**95.833.000** 712 × 567 × 3	**95.834.000** 1018 × 567 × 3	**95.980.000** 406 × 720 × 3	**95.145.000** 559 × 720 × 3	**95.226.000** 712 × 720 × 3	**95.981.000** 1018 × 720 × 3
	95.850.000 564 × 572 × 22	**95.851.000** 717 × 572 × 22	**95.852.000** 1023 × 572 × 22	**95.855.000** 411 × 725 × 22	**95.858.000** 564 × 725 × 22	**95.860.000** 717 × 725 × 22	**95.861.000** 1023 × 725 × 22
	74.049.000 564 × 540	**74.053.000** 717 × 540	**74.057.000** 1023 × 540	**74.047.000** 411 × 693	**74.051.000** 564 × 693	**74.055.000** 717 × 693	**74.058.000** 1023 × 693
	74.050.000 564 × 540	**74.054.000** 717 × 540	-	**74.048.000** 411 × 693	**74.052.000** 564 × 693	-	-
	-	**74.061.000** 717 × 506	**74.064.000** 1023 × 506	-	**74.410.000** 564 × 659	**74.062.000** 717 × 659	**74.065.000** 1023 × 659
	-	**74.066.000**	**74.068.000**	-	**74.411.000**	**74.066.000**	**74.068.000**

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For colour information see p. 99. When ordering, please use the desired three-digit colour code (instead of XXX).

69
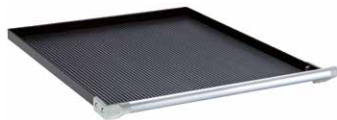
Art. no.

Raised edges on 4 sides, with push-bar

Made from sheet steel, black, NCS S 9000-N, including ribbed mat, black. Push-bar consisting of a pair of plastic handle grips, RAL 9006 white aluminium, and aluminium tube Ø 25 mm, clear anodised.

Raised edge, H 53 mm	**95.888.000**
Dimensions (W × D mm)	411 × 572
Direction of travel	lengthwise

Pair of castor holders

Consisting of 2 swivel castors with brakes and 2 fixed castors. Castor holders, sendzimir galvanised. Rubber castors black.

! **For safety reasons, mobile drawer cabinets must be fitted with a plastic push bar and a single drawer safety catch.****

with rubber castors* Ø 100 mm	**95.037.000**
H / Load capacity kg	137 / 200
Direction of travel	lengthwise
with rubber castors*, Ø 160 mm	-
H / Load capacity kg	
Direction of travel	

*depending on the properties of the floor.   **Handle is not ESD capable.   ESD solutions | www.lista.com

Depth 27 E			Depth 36 E			
27 × 27 E	**36 × 27 E**	**54 × 27 E**	**18 × 36 E**	**27 × 36 E**	**36 × 36 E**	**54 × 36 E**
Art. no.	Art. no.	Art. no.	Art. no.	Art. no.	Art. no.	Art. no.
93.387.000 564 × 572 lengthwise	**95.890.000** 717 × 572 crosswise	**95.891.000** 1023 × 572 crosswise	**95.892.000** 411 × 725 lengthwise	**93.388.000** 564 × 725 lengthwise	**93.389.000** 717 × 725 lengthwise	**95.893.000** 1023 × 725 crosswise
95.037.000 137/200 lengthwise	**95.894.000** 137/200 crosswise	**95.894.000** 137/200 crosswise	**95.061.000** 137/200 lengthwise	**95.061.000** 137/200 lengthwise	**95.061.000** 137/200 lengthwise	**95.896.000** 137/200 crosswise
95.235.000 209/400 lengthwise	**95.895.000** 209/400 crosswise	**95.895.000** 209/400 crosswise	-	**95.236.000** 209/400 lengthwise	**95.236.000** 209/400 lengthwise	**95.897.000** 209/400 crosswise
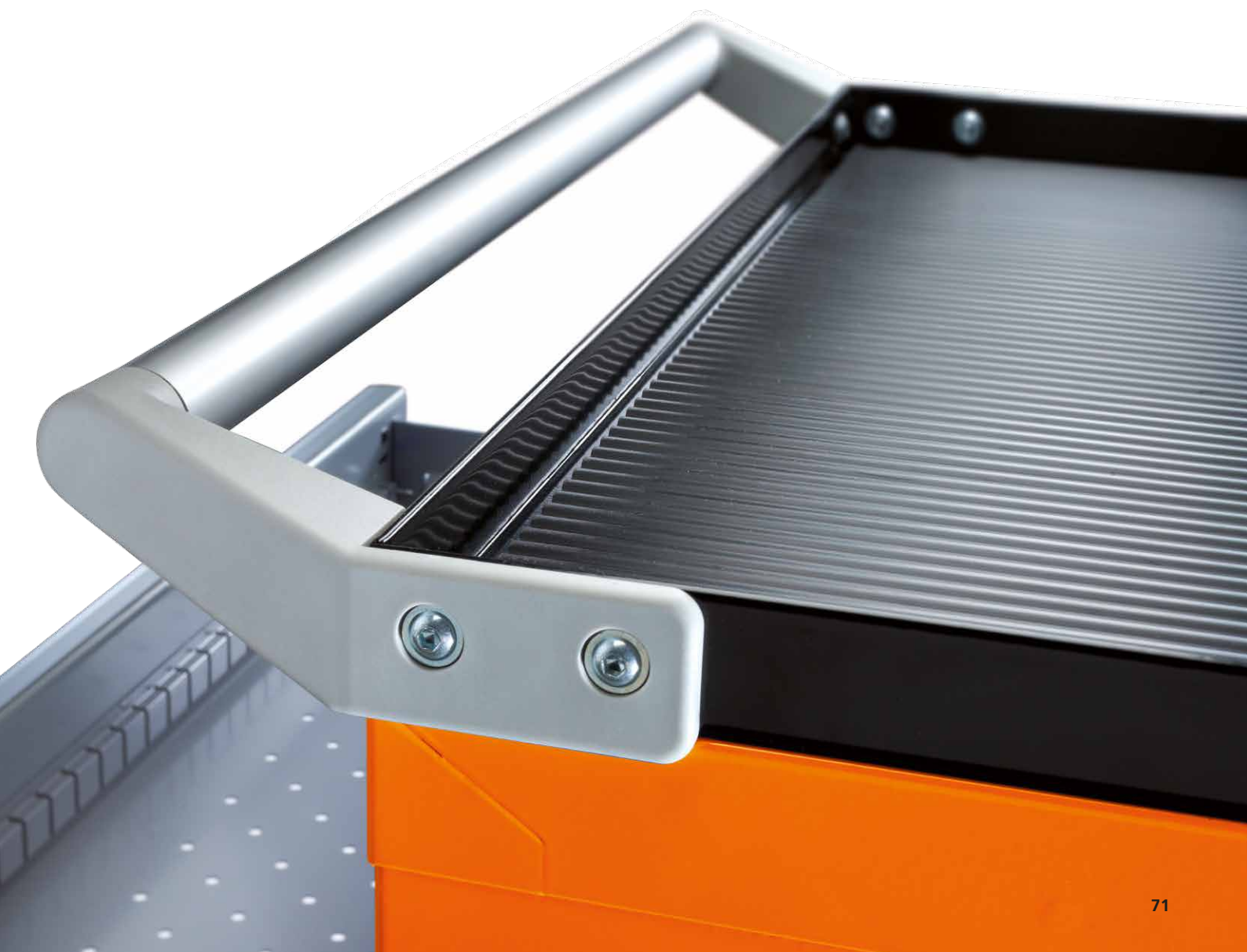
The electronically controlled access system LISTA Electronic Control gives you maximum flexibility to allocate and manage access rights. This means that you can not only control access to the entire cabinet, individual drawers or the drawer compartments developed specially for this system but can also combine different system versions in a single cabinet. Just as required.

+ ESD protection
Drawer cabinets are ESD compliant

+ Ideal protection
from unauthorised access

+ Constant availability and full traceability
of valuable or scheduled inventory 24/7

+ Maximum flexibility
through individual access rights and locking levels

+ Simple control
thanks to intuitive operation

+ Additional security
through metal drawer compartments specially developed for this system

+ Reduced inventory loss and better planning
giving direct cost savings and increased productivity

! LISTA Electronic Control is available either as a complete system consisting of hardware and software or as hardware only to enable you to use your own software.

The modular system for internal logistics solutions

Level 1 Security	Level 2 Security	Level 3 Security
» **Access control at cabinet level**	**»** **Access control at drawer level**	**»** **Access control at compartment level**

LCC – LISTA Cabinet Control
Electronically controlled access to the entire cabinet. Available for sizes
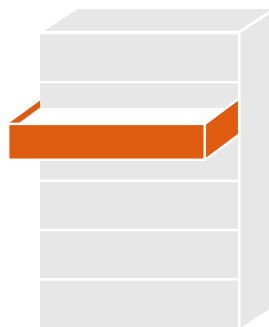36 × 36 E (717 × 725 mm)
54 × 36 E (1023 × 725 mm)

LDC – LISTA Drawer Control
Electronically controlled access to specific drawers. Available for sizes
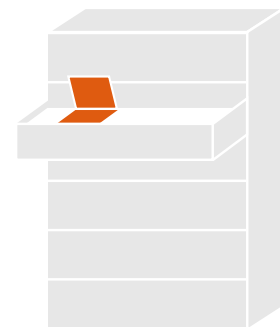36 × 36 E (717 × 725 mm)
54 × 36 E (1023 × 725 mm)

LPC – LISTA Parts Control
Electronically controlled access to specific drawer compartments. Available for sizes
36 × 36 E (717 × 725 mm)

i **Examples of usage**
- Protective clothing
- Medical dressings
- Low-cost spare parts
- Simple tools
- Consumables

i **Examples of usage**
- Medical supplies
- Spare parts
- Tools
- Measuring instruments

i **Examples of usage**
- Cutting tools
- Medical devices
- Hazardous substances
- Measuring instruments
- Valuables

LISTA Service – always the best advice

Analysis of requirements
Your individual requirements are discussed and defined and the conditions on-site are assessed.

Optimisation and planning
All storage optimisation possibilities are assessed and a plan is drawn up which takes all factors such as available space, products and systems into account. All the important aspects such as fire prevention, safety at work and building planning controls are included in the planning.

Installation and training
Our qualified specialists install the system on-site and provide full training to guarantee a smooth start-up.

After-sales service
After installation our experienced staff are available to help you with advice and assistance at any time.

STRONG AND SAFE

LISTA ESD drawer storage walls are perfect for storing large, heavy single items or a large number of small items and keeping them clearly organised and protected from dust and dirt. All add-ons, drawers, pull-out shelves and adjustable shelves can be freely combined with one another. This enables a wide variety of different types of installation – even inside trucks and containers. The necessary changes can be made simply by reorganising the individual elements. This means that you can adapt your system to new logistics requirements at any time, so that you always have: A Solution to Match Your Needs. With all the benefits of our ESD drawer cabinets.

! ALWAYS WITH LISTA

Free choice of colours
Four standard colours, additional colours available on request; see p. 97

Intelligent locking systems
Replaceable cylinders which can be fitted to existing locking systems, electronic numeric and remote locking systems via RFID Lock for absolute security made to measure; see p. 10

Individual configuration options
in size, equipment, locking system, colour and drawer partitions

Fully combinable
with the entire LISTA range thanks to the standardised unit of measurement

+ ESD protection

Drawer storage walls are ESD compliant

+ Utmost stability

through robust, sturdy design with a load capacity
of up to 5.5 t per shelving unit

**+ Large storage capacity with minimum
space requirement**

since shelves can be up to 8.50 m high

+ A wide variety of equipment options

with different pull-outs and shelves

**+ Vertical pull-outs for clearer organisation
and improved safety at work**

as a space-saving and user-friendly solution with
direct access to the stored goods from both sides

+ Heavy-duty pull-outs

with load capacities of up to 350 kg for especially
large and heavy items

+ User-friendly

through swing-out and sliding safety ladders for
easy access to the ESD upper shelves and ESD drawers

+ Secure locking

with a choice of hinged doors or space-saving
sliding doors

**+ Can be adapted to new storage items
at any time** through the flexible integration
and rearrangement of drawers, pull-out shelves and
adjustable shelves in increments of 25 mm

» Benefits of LISTA ESD drawer cabinets

Separate components

1	Side frames	**7**	Dividers	**13**	Safety ladder*	
2	Rear wall and diagonal brace	**8**	Drawers		Accessories for mobile furnishings*	
3	Partition	**9**	Fixed and locking shelves			
4	Side panel cover	**10**	Pull-out shelves			
5	Universal shelves	**11**	Levelling plates			
6	Adjustable shelves	**12**	Anchoring set		* see LISTA Compendium	

Dimensions and load capacities

1000/1450/2000/2200/2500/3000

50
50
50

553/706

23,5
50

23,5
50

553/706

603/756

50
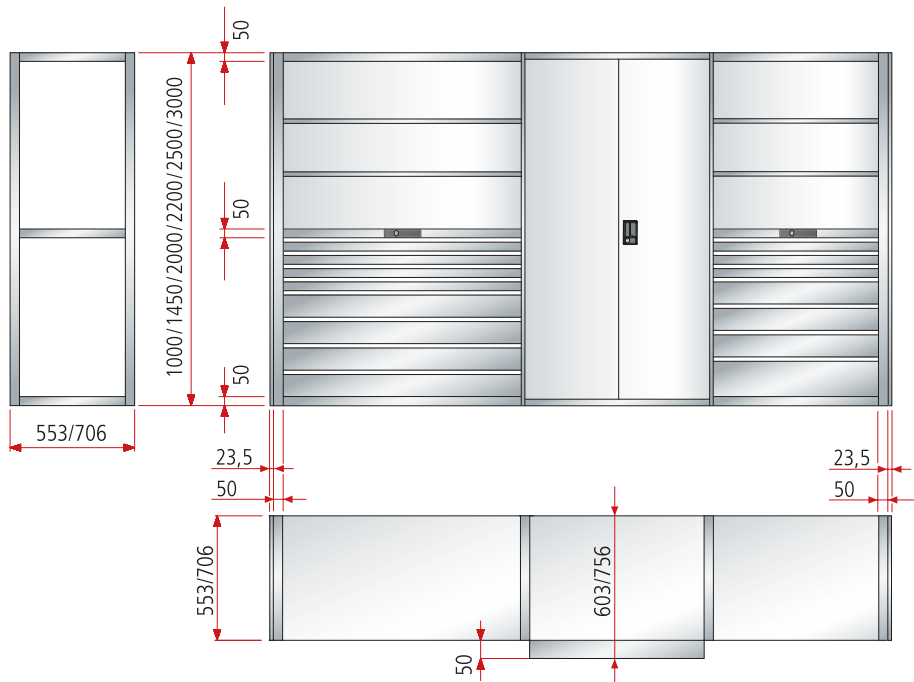
Unit widths for depth 27 E and 36 E

W → LISTA Units	36 E	54 E
Installed widths mm	**664**	**970**
Side frames	50	50
Side panel cover	23,5	23,5

Depth 27 E

23,5   50
664   970
553
36 E   54 E
G
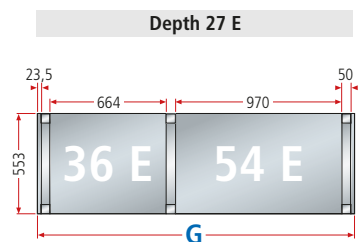
G = Unit length (without side panels) =
sum of installed widths + sum of side frames

Unit length (with side panels) =
sum of installed widths + sum of side frames + 47 mm
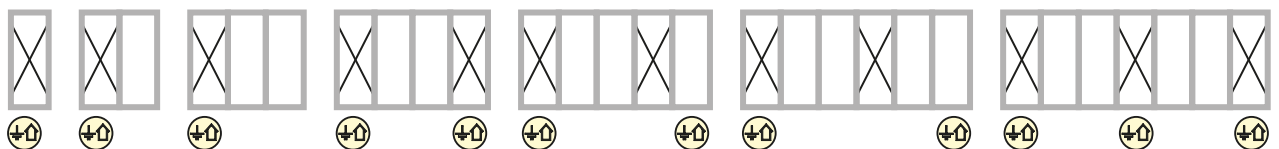
Diagonal brace arrangement

The load capacities only apply for six shelf units or more two shelf units or at least every fifth shelf unit has rear panels or every third shelf unit has a diagonal brace.

Anchoring rule

All drawer storage walls must be anchored. One anchor is included for each side frame. Exception: double-sided drawer storage walls which are screwed together back-to-back do not need to be anchored.

Note:
when using only one mounting fixture per side frame, it must be attached to the rear.

Wall heights and load capacities

H ↑ mm	2000
Clear height **D** mm	1900
Load capacity per shelving section	
min. number of universal shelves	2
min./max. installed height for the middle universal shelves from floor (mm)	-
load capacity per shelving section	4500 kg

2000
D
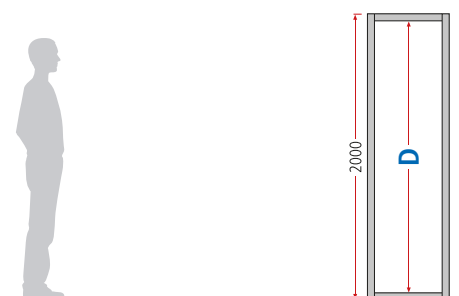
D = Clear height = number of gaps between slots × 25 mm; slots every 25 mm in the side panels for installing shelves and drawers

ESD cabinet systems

THE PERFECT COMPLEMENT

LISTA ESD cabinet systems provide secure and orderly storage for a variety of items. All ESD cabinets can be configured individually and adapted to your specific storage needs through the flexible use of partition materials and cabinet accessories.

! ALWAYS WITH LISTA

Choice of colours
Four standard colours, additional colours available on request; see p. 97

Intelligent locking systems
Replaceable cylinders which can be fitted to existing locking systems, electronic numeric and remote locking systems via RFID Lock for absolute security made to measure; see p. 10

Individual configuration options
in size, equipment, locking system, colour and drawer partitions

ESD protection area
Cabinets are ESD compliant

Utmost stability
with housing load capacity of up to 500 kg

High load capacities
load capacity of 60 kg or 100 kg per adjustable shelf,
50 kg per drawer/pull-out shelf

Well protected
protection from dirt, liquids and physical loads
thanks to closed housing with impact-resistant
and abrasion-resistant surface

Optimum order and organisation
with optional installation of drawers and pull-out shelves
for clear and orderly storage of small parts (for a cabinet
depth of 580 mm)

Secure locking
with solid sheet (flush-fitting, folded from one piece)
and intelligent locking systems

Can be adapted to new storage items at any time
with the flexible integration and rearrangement of drawers,
pull-out shelves and adjustable shelves in increments of 25 mm

ESD hinged door cabinets

Depending on the model, the cabinets on these two pages are equipped with: adjustable shelves, 30 mm thick, load capacity 60 kg.
Pull-out shelves and drawers, painted, anthracite grey, RAL 7016 ESD, load capacity 50 kg

Art. no. **96.509.550**
Colour: Anthracite grey, RAL 7016 ESD
(excluding partition material)

Art. no. **96.512.540.C**
Colour: Orange,
NCS S 1080-Y40R ESD

H ↑ 1000 mm

W →	D ↗	Adjustable shelves	Drawers	Pull-out shelves	kg	Hinge pins mounted	🔒	Art. no. 🌈
ESD cabinets with 2 solid sheet doors								
1002	400	2	-	-	60	Hinge	KEY Lock	**96.500.**XXX
1002	500	2	-	-	60	Hinge	KEY Lock	**96.503.**XXX
1002	580*	2	-	-	60	Hinge	KEY Lock	**96.506.**XXX
1002	580*	2	1 × 95	-	50/60	Hinge	KEY Lock	**96.509.**XXX

i

When ordering a cabinet from these two pages with **CODE** or **RFID Lock,** please add the suffix „**C**" or „**F**", respectively, to the article number stated in the table (e.g. **96.500.**XXX**.C**).

H ↑ 1950 mm

W →	D ↗	Adjustable shelves	Drawers	Pull-out shelves	kg	Hinge pins mounted	🔒	Art. no. 🌈
ESD cabinets with 2 solid sheet doors								
1002	400	4	-	-	-	Hinge	KEY Lock	**96.512.**XXX
1002	500	4	-	-	-	Hinge	KEY Lock	**96.515.**XXX
1002	580	4	-	-	50/60	Hinge	KEY Lock	**95.518.**XXX

50 kg drawers/pull-out shelves
60 kg adjustable shelves

* Retrofitting with drawers and pull-out shelves possible.

⟫ For cabinet accessories and partition material sets see p. 81/90

Hinged

- for the installation of drawers and pull-out shelves, doors must be fitted with hinges
- doors are flush with the cabinet housing
- opening angle approx. 115°

H ↑ 1000 mm

ESD cabinet housing with 2 solid sheet doors

W→	D↗	Adjustable shelves	Drawers	Pull-out shelves	Hinge pins mounted	🔒	Art. no. 🌈
1000	400	-	-	-	Hinge	KEY Lock	**96.521.XXX**
1000	500	-	-	-	Hinge	KEY Lock	**96.524.XXX**
1000	580	-	-	-	Hinge	KEY Lock	**96.527.XXX**

H ↑ 1950 mm

ESD cabinet housing with 2 solid sheet doors

W→	D↗	Adjustable shelves	Drawers	Pull-out shelves	Hinge pins mounted	🔒	Art. no. 🌈
1000	400	-	-	-	Hinge	KEY Lock	**96.530.XXX**
1000	500	-	-	-	Hinge	KEY Lock	**96.533.XXX**
1000	580	-	-	-	Hinge	KEY Lock	**96.536.XXX**

Cabinet accessories

Slotted adjustable shelves

Adjustable shelves including 4 shelf supports.
Specification: steel sheet, RAL 7035 ESD, slotted.
Long sides folded by 4 × 90°. 30 mm thick with
load-bearing capacity of 60 or 100 kg.

Drawers and pull-out shelves

Full extension with ball bearings, including guide rails.
Load capacity 50 kg. Specification: steel sheet.
Colour: light grey, RAL 7035 ESD. **Only compatible
with cabinets with hinges and a depth of 580 mm.**

W→ 1000 mm   for cabinet width

D↗ For cabinet depth mm	Load capacity kg	Art. no.
Adjustable shelf		
400	60	**96.539.000**
400	100	**96.540.000**
500	60	**96.541.000**
500	100	**96.542.000**
580	60	**96.543.000**
580	100	**96.544.000**
Usable dimensions (W × D mm)		980 × 326/426/506

Drawer FH 95 mm		
580		**96.545.000**
Usable dimensions (W × D × H mm)		867 × 459 × 72

Pull-out shelf, FH 53 mm		
580		**96.546.000**
Usable dimensions (W × D × H mm)		867 × 459 × 72

Note: the front height is the same as the height of the drawer front.
For the actual height of the partition material see p. 92.

Partition material sets excluding clip-on label holder.
For partition material and labelling system see p. 82 ff.

+ **Utmost stability**
with a housing load capacity of up to 1500 kg

+ **High load capacities**
160 kg per adjustable shelf, 200 kg per drawer/
pull-out shelf

+ **Outstanding safety features** – with single
drawer blocking mechanism for heavy-duty cabinets with
retracting doors to prevent the cabinet from tipping over

+ **Secure locking**
with hinged doors and intelligent locking systems

+ **Well protected**
protection from dirt, liquids and physical loads thanks
to closed housing with impact-resistant and abrasion-
resistant surface

+ **Can be adapted to new storage items
at any time** with the flexible integration and
rearrangement of drawers, pull-out shelves and ad-
justable shelves in increments of 25 mm

ESD heavy-duty cabinets with hinged doors
The cabinets are equipped with: adjustable shelves, RAL 7035 ESD, 35 mm thick,
pull-out shelves and drawers, painted, generally RAL 7035 ESD.
Hinged doors folded from one piece, either in solid sheet steel. KEY, CODE or
RFID Lock available.

Art. no. **96.550.550**
Colour: Anthracite grey,
RAL 7016 ESD

54 × 27 E	**H ↑ 1950 mm**	**W → 1100 mm**	**D ↗ 641 mm**

Adjustable shelves	Drawers	Pull-out shelves	kg	Hinge pins mounted	🔒	Art. no. 🌈
ESD cabinets with 2 solid sheet hinged doors						
4	-	-	160	Pin hinge	KEY Lock	**96.547.XXX**
3	1 × 100 / 1 × 150	-	160/200	Pin hinge	KEY Lock	**96.550.XXX**
2	2 × 100 / 2 × 150	1	160/200	Pin hinge	KEY Lock	**96.553.XXX**

For colour information see p. 99. When ordering, please use
the desired three-digit colour code (instead of XXX).

H ↑ 1950 mm

W→	D↗	Adjustable shelves	Drawers	Pull-out shelves	Hinge pins mounted	🔒	Art. no.
ESD cabinet housing with 2 solid sheet doors							
1100	641	-	-	-	Pin hinge	KEY Lock	**96.556.XXX**

Cabinet accessories

Drawers

Full extension with ball bearings, including guide rails. The drawer panels have a slotted grid in units (E) of 17 mm inside on all sides; the drawer bottom is perforated, which enables individual subdivision. The fronts are equipped with continuous handles with integrated label strips and transparent covers. Label sheets – which can be written on using LISTA Script labelling system – are included separately. Specification: sheet steel. Colour: light grey, RAL 7035 ESD.

D↗ 641 mm			For 641 mm deep housing with retracting doors.			
For cabinet width mm	Usable width mm	Usable depth mm	Front height mm	Usable height mm	kg	Art. no.
Drawers						
1146	918	459	75	57.5	200	**96.559.000**
1146	918	459	100	82.5	200	**96.560.000**
1146	918	459	150	132.5	200	**96.561.000**
1146	918	459	200	182.5	200	**96.562.000**
Pull-out shelf						
1146	918	459	75	-	200	**96.563.000**

Pull-out shelf

Full extension with ball bearings, including guide rails. For the storage of heavy separate components. The inserted slats enable items to be stored and withdrawn flush with the handle. The construction corresponds to a 75 mm drawer with a 50 mm high front. Handles equipped with integrated label strips and transparent covers. Label sheets are included separately. Specification: sheet steel. Slat specification: sheet steel profile, sendzimir galvanised. Colour: light grey, RAL 7035 ESD.

Adjustable shelf, plain

Adjustable shelf including 4 shelf supports. Specification: steel sheet, RAL 7035 ESD. Long sides folded by 4 × 90°. 35 mm thick with load capacity of 160 kg.

W→ 1100 mm			For 1100 mm wide housing open, with hinged doors.			
For cabinet width mm	Usable width mm	Usable depth mm	Front height mm	Usable height mm	kg	Art. no.
Adjustable shelf, plain						
641	967	549	-	-	160	**96.564.000**

Pin hinge

- doors are flush with the cabinet housing
- for use without drawers or pull-out shelves
- opening angle approx. 115°

Note: the front height is the same as the height of the drawer front. For the actual height of the partition material see p. 92.

Partition material sets excluding clip-on label holder. For partition material and labelling system see p. 90 ff.

ESD shelving systems

VERSATILE AND ROBUST

The impressive feature of the ESD universal shelving system from LISTA is that it is fully modular.
Available in a variety of heights, depths and unit widths, the slot-in system is quick and easy to assemble for a wide range of requirements. Individual configuration options with shelves, partitions, drawer units and more produce an orderly, space-saving storage system in which everything is ready to hand. Whether small parts, bulk goods, tools or archive material: the ESD universal shelving system from LISTA is the ideal warehouse solution – especially in the lean area.

! ALWAYS WITH LISTA

Choice of colours
Four standard colours, additional colours available on request; see p. 97.

Intelligent locking systems
Replaceable cylinders which can be adapted to existing locking systems, electronic numeric and remote locking systems via RFID Lock for absolute security made to measure; see p. 10

Individual configuration options
in size, equipment, locking system, colour and drawer partitions

Fully combinable
Standardised dimensions for all LISTA ESD universal shelving systems of varying designs

+ ESD protection
Shelving systems are ESD compliant

+ Utmost stability
sturdy side panels with a load capacity from 1,000 kg per shelving unit

+ High load capacities
80 kg to 400 kg per shelf

+ Generous storage capacity in a small space
can also be installed as a double-stack set-up on request

+ Fast and easy assembly
non-screwed, slot-together design of all basic components and shelves simplifies assembly

+ Fully modular
standardised dimensions for all LISTA universal shelving units and customisable configuration options

+ Can be adapted to new storage items at any time
flexible integration and rearrangement of shelves, drawers and individual parts in increments of 25 mm

+ Secure locking
choice of hinged doors or with rear panels

+ Ideally suited to lean environments
perforated rear and side panel covers and sloping shelves for fast, ergonomic access to tools and materials

+ Maximum shelf use
shelves have an edging height of only 25 mm so that the full storage height is available

✛ Fully modular and available in a wide range of versions

All individual parts and accessories of the universal shelving system can be freely positioned and combined with one another in a modular fashion – and this applies to both equipment versions (with shelf supports or with side panel).
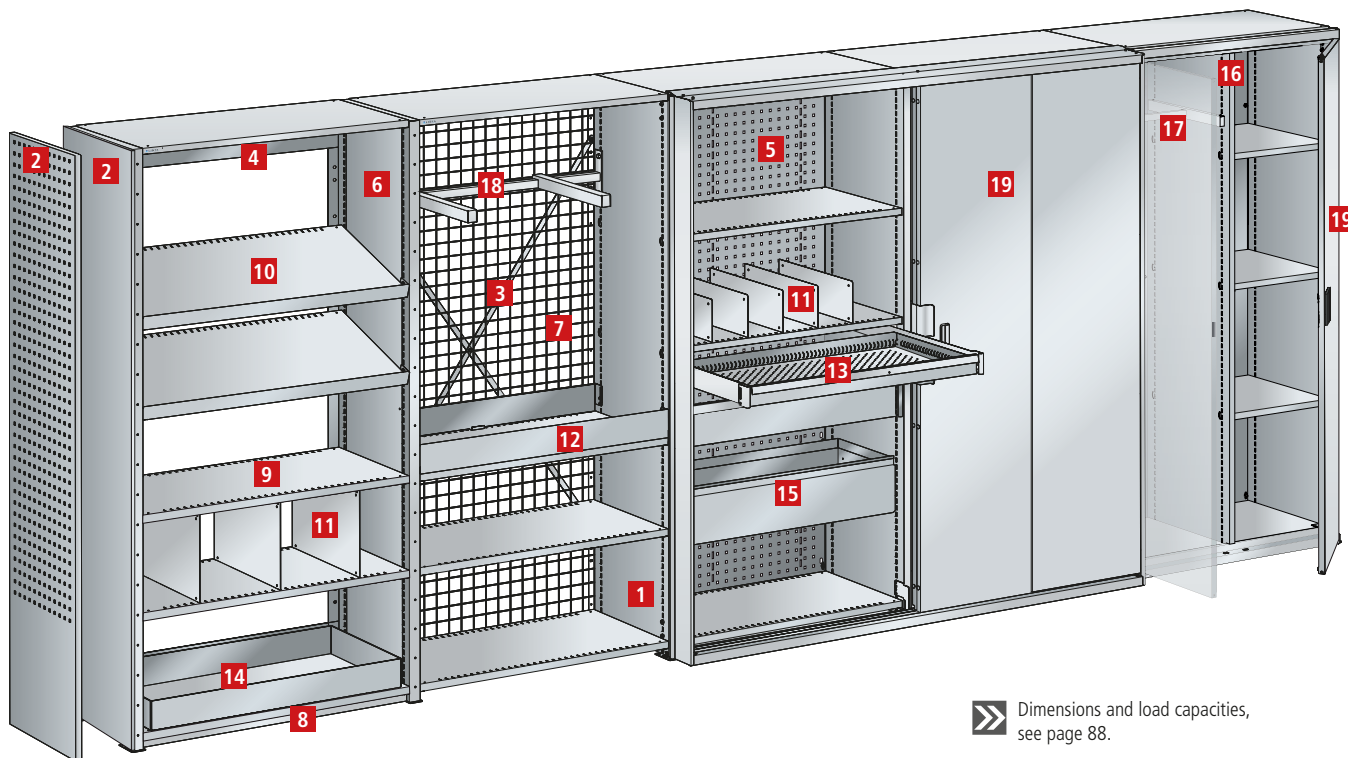
>> Dimensions and load capacities, see page 88.

1 Side panel
Elegant closed layout with a maximum load per unit of 1,000 kg also prevents the stored items from falling out

2 Side panel cover, plain or perforated
For covering the open shelf supports or the row of slots on the side panels, perforated version for tool hooks

3 Diagonal brace
For stabilising the shelving units lengthwise

4 Lengthwise braces
Used instead of diagonal braces to make both sides accessible

5 Rear panel, plain or perforated
For covering the rear panel of shelving units; also stabilises the units lengthwise, perforated version for tool hooks

6 Partition
Placed between the shelf supports

7 Grating
Can be used as side panel covers, rear panels and partitions, prevents access and yet guarantees visibility and ventilation

8 Base cover
Protects against dust and dirt. Also prevents items from sliding underneath the unit

9 Shelf
High compartment loads of 80 to 280 kg (edge height 25 mm) and 400 kg (edge height 39 mm) for maximum use of space, in a choice of plain or slotted

10 Sloping shelf LEAN
Retrofittable stop bars for fitting shelves at an incline, for providing ergonomic access to materials and parts

11 Partitions and shelf dividers
For subdividing slotted shelves, ideal for storing small parts and small boxes

12 Shelf front cover strip
For the neat and tidy storage of bulk goods

13 Drawer
Fully extendable with load capacity of 50 kg for space-saving storage of small parts; extensive range of partition material

14 Drip tray
For storing liquids and for use as a drip tray

15 Pull-out suspension filing frame
Suitable for A4 suspension files; load capacity 50 kg for the orderly storage of and easy access to suspension files

16 Centre partition
For the vertical subdivision of complete shelf units

17 Clothes rail
Perfect for storing clothing and protective workwear

18 Organising rail
For vertical storage, compartment division and for storing ring-shaped materials (cables, vee belts and tubing)

19 Hinged doors
Secure access and dust protection with hinged doors, lockable

LISTA logo (top right)

+ Individual configuration options

Shelf unit floor area

- Choice of shelf dimensions W × D (e.g.: 1000 × 500 mm)
- To calculate the external dimension, please refer to the planning instructions on p. 86

1. Layout and shelving height

- Choice of shelving height H
- Optional: shelf support cover, extension units, side panel covers and partitions, floor anchoring, levelling plates

2. Stabilising elements

- Choice of stabilising elements: diagonal braces, rear panels or lengthwise braces

3. Shelves

- Choice of shelves (plain, slotted) and compartment load
- Optional: stop bars for sloping shelves, shelf labelling, partitions and dividers

4. Accessories

- Optional: choice of accessory shelf front cover strips, drawers, partition material, drip trays, clothes rails, cover panels, etc.

5. Front-mounting fitments
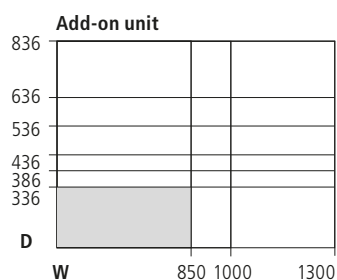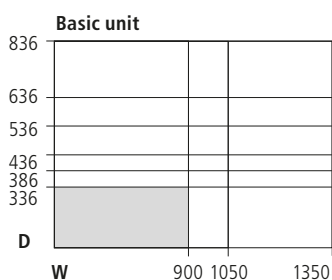
- Optional: hinged doors

Dimensions and load capacities

kg Max. load per unit 1,000 kg
kg Max. compartment load: 80, 160, 220, 280 kg
Adjustment increment: 25 mm

Shelf thickness
25 mm

Shelf height
1100, 1450, 1800, **2000,**
2200, 2500 mm

H ↑

Shelf depth
300, 350, 400, **500,** 600, 800 mm

D ↗

W →
Shelf width
850, **1000,** 1300 mm

Planning instructions

Calculating the external dimensions

Overall width of shelving: Total shelf widths +50 mm (base plate external)
Overall depth of shelving: Shelf depth +36 mm

Basic unit

836			
636			
536			
436			
386			
336			
D			
W		900 1050	1350

Add-on unit

836			
636			
536			
436			
386			
336			
D			
W		850 1000	1300

Max. base and extension section per shelving unit

Shelf spacing (mm)	150	300	450	600	max. 750
Permissable section load with diagonals or longitudinal connectors (kg)	max. 800	max. 770	max. 750	max. 710	max. 680
Permissable section load with rear panels (kg)	max. 1050	max. 1000	max. 950	max. 900	max. 850

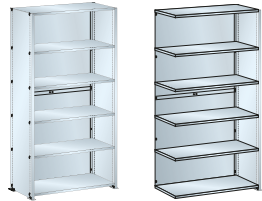**!** **The load data apply only for uniformly distributed load!**

Basic and add-on shelf units

Compartment load 🏋 160 kg, galvanised or painted

	W➔ × D➚	1000 × 500 mm	
		Compartment load 160 kg	
		Basic unit	Add-on unit
H⬆ mm	Number of shelves	Art. no. 🌈	Art. no. 🌈
2000	5	**95.937.XXX**	**95.938.XXX**
2000	5	**95.939.XXX**	**95.940.XXX**
2000	5	**95.941.XXX**	**95.942.XXX**
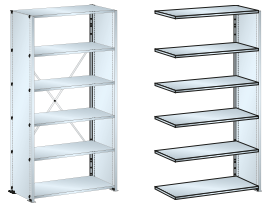
Basic unit
2 solid sheet side panels
1 diagonal brace, galvanised
5 shelves, plain (thickness 25 mm)

Add-on unit
1 solid sheet side panel
5 shelves, plain (thickness 25 mm)

Basic unit
2 solid sheet side panels
1 rear panel, plain (2-part)
5 shelves, plain (thickness 25 mm)

Add-on unit
1 solid sheet side panel
1 rear panel, plain (2-part)
5 shelves, plain (thickness 25 mm)

Basic unit
2 solid sheet side panels
1 rear panel, plain (2-part)
1 hinged door, lockable
5 shelves, plain (thickness 25 mm)

Add-on unit
1 solid sheet side panel
1 rear panel, plain (2-part)
1 hinged door, lockable
5 shelves, plain (thickness 25 mm)

Shelves, plain

Max. compartment load 🏋 160, 220 and 280 kg
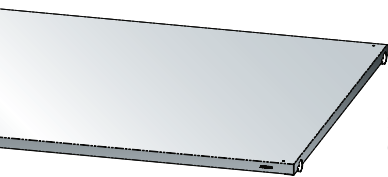
Including floor anchor. Shelf thickness 25 mm.
Specification: sheet steel. Colour: As per colour chart.

	W➔ × D➚	1000 × 500 mm
Shelf load	Specification	Art. no. 🌈
160 kg	Plain	**95.943.XXX**
220 kg	Plain	**95.944.XXX**
280 kg	Plain	**95.945.XXX**

*galvanised or painted
**only painted

For colour information see p. 99. When ordering, please use the desired three-digit colour code (instead of XXX).
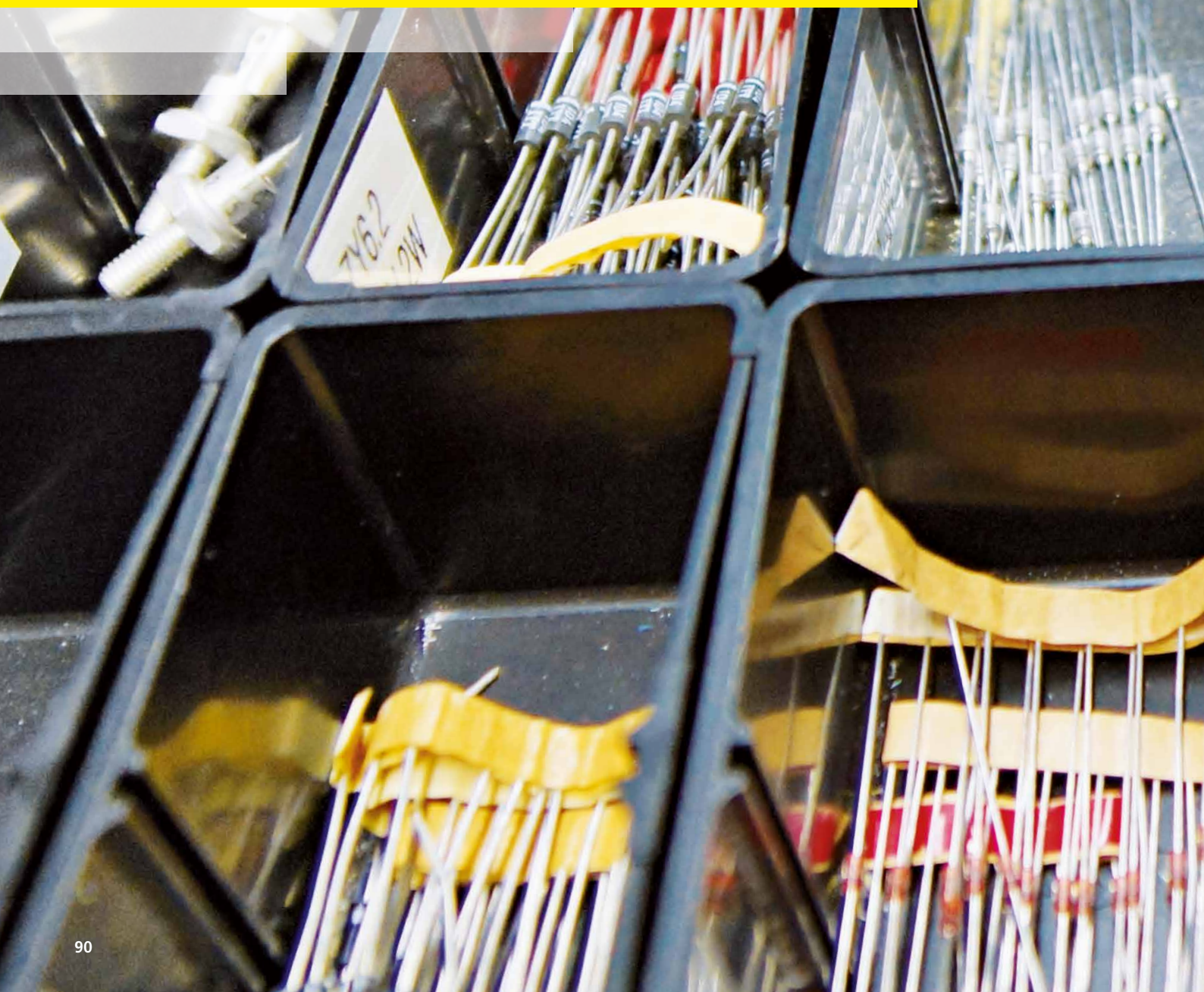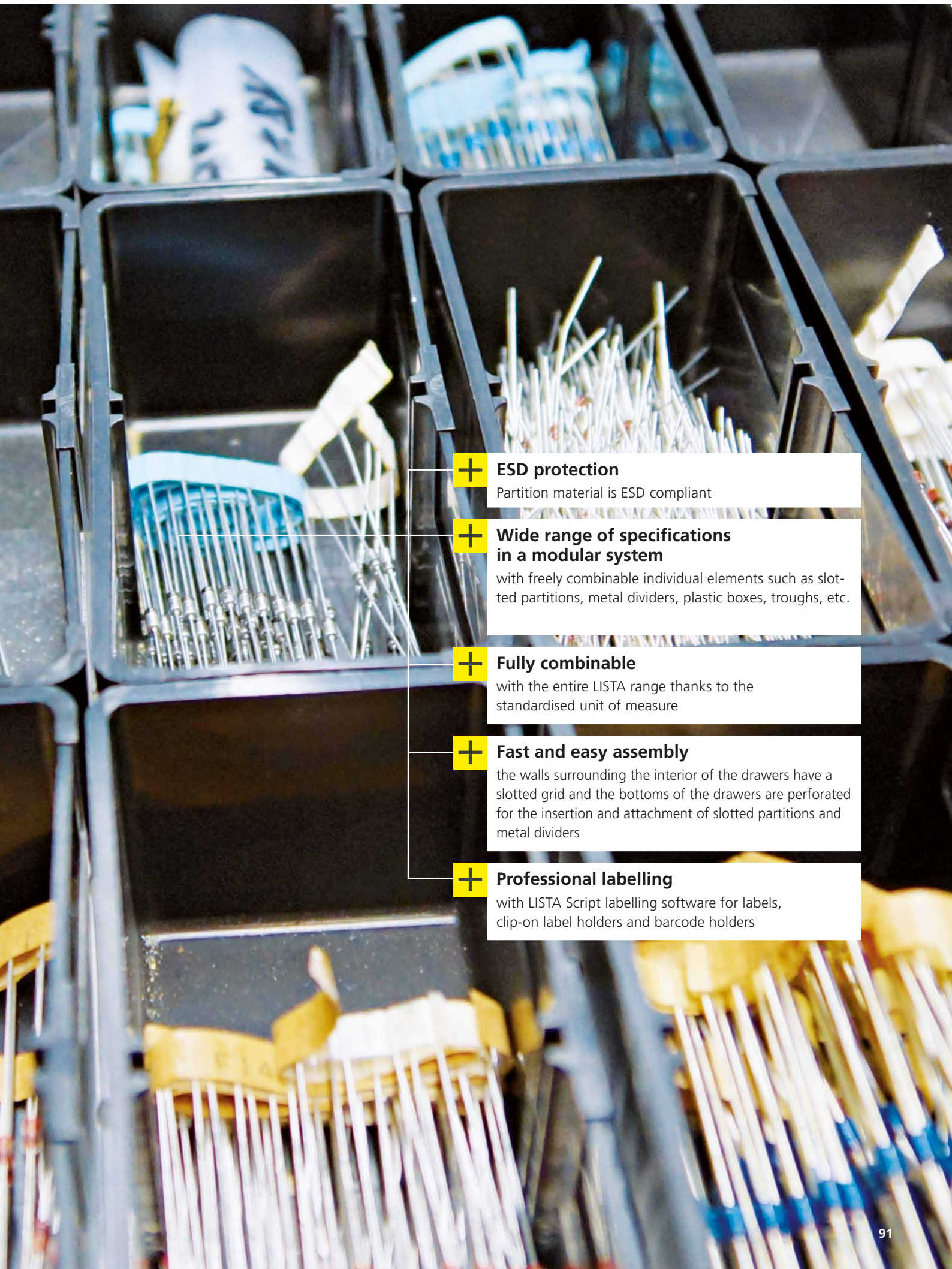
ESD partition material

SYSTEMATIC ORGANISATION

LISTA ESD drawer partition materials create systematic order for all industries and all requirements. From small parts to NC tools, our plastic boxes, troughs, metal dividers and more provide flexible solutions for practically any kind of storage item. The results speak for themselves: because systematic organisation means less time searching for stored items, simplified workflows and efficient results.

+ ESD protection
Partition material is ESD compliant

+ Wide range of specifications in a modular system
with freely combinable individual elements such as slotted partitions, metal dividers, plastic boxes, troughs, etc.

+ Fully combinable
with the entire LISTA range thanks to the standardised unit of measure

+ Fast and easy assembly
the walls surrounding the interior of the drawers have a slotted grid and the bottoms of the drawers are perforated for the insertion and attachment of slotted partitions and metal dividers

+ Professional labelling
with LISTA Script labelling software for labels, clip-on label holders and barcode holders
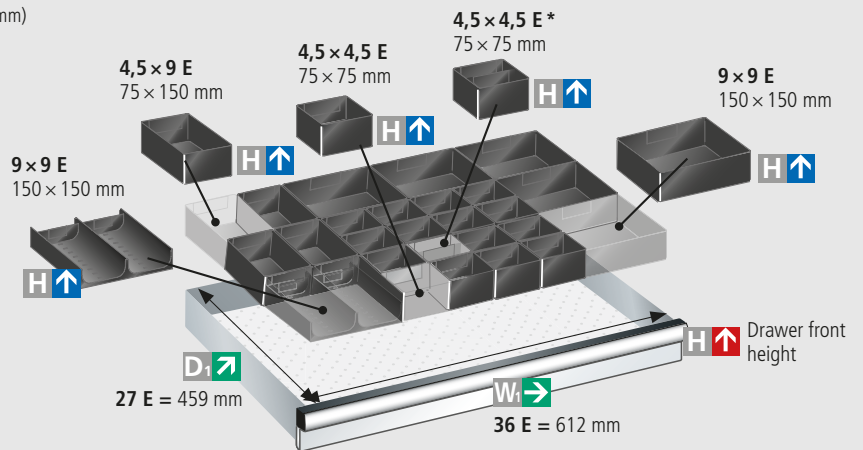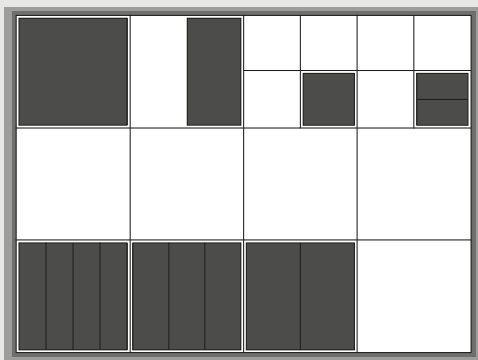
H ↑

Especially suitable for drawers ESD with a front height of: 50, 75, 100, 125 mm

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How can I partition my LISTA ESD drawer?

Example: Plastic boxes and troughs for drawers 36 × 27 E (612 × 459 mm)

* The plastic box also has a fixed centre divider.

4,5 × 4,5 E *
75 × 75 mm

4,5 × 9 E
75 × 150 mm

4,5 × 4,5 E
75 × 75 mm

9 × 9 E
150 × 150 mm

9 × 9 E
150 × 150 mm

H ↑

D₁ ↗

27 E = 459 mm

W₁ →

36 E = 612 mm

Drawer front height

---

i

Perfect drawer partitioning

Store your small and round parts professionally and perfectly in the LISTA ESD drawers with LISTA plastic boxes and troughs.

The table on the right shows the maximum capacity of your drawer for each size of plastic boxes and troughs. The dimensions are standardised but can be combined if desired and fit into any LISTA drawer.

Please bear the front height of your ESD drawer in mind (external dimension)!

Maximum capacity per plastic box for:		9 × 9 E 150 × 150 mm	4,5 × 9 E 75 × 150 mm	4,5 × 4,5 E 75 × 75 mm
Drawer units (E)		Number of plastic boxes/troughs	Number of plastic boxes	Number of plastic boxes
W₁ → D₁ ↗				
18 × 27	306 × 459 mm	6	12	24
27 × 27	459 × 459 mm	9	18	36
36 × 27	612 × 459 mm	12	24	48
54 × 27	918 × 459 mm	18	36	72
18 × 36	306 × 612 mm	8	16	32
27 × 36	459 × 612 mm	12	24	48
36 × 36	612 × 612 mm	16	32	64
45 × 36	765 × 612 mm	20	40	80
54 × 36	918 × 612 mm	24	48	96
64 × 36	1088 × 612 mm	28	56	112
78 × 36	1326 × 612 mm	32	68	136

Plastic boxes, standard

		9 × 9 E	4,5 × 9 E	4,5 × 4,5 E	4,5 × 4,5 E
		150 × 150 mm	75 × 150 mm	75 × 75 mm	75 × 75 mm

Drawer front height (mm)	Height (mm)	Art. no. 6 pcs/set	Art. no. 6 pcs/set	Art. no. 12 pcs/set	Art. no. 12 pcs/set
50	26	80.205.000	80.209.000	80.207.000	80.203.000*
75	46	80.204.000	80.208.000	80.206.000	-
100	71	80.210.000	80.211.000	-	-

* The plastic box a rt. no. 80.185.000 also has a fixed centre divider.

Troughs, standard

Trough divider

H↑ 26 mm

		9 × 9 E (150 × 150 mm)		
		Ø 33 mm, 4 troughs	Ø 45 mm, 3 troughs	Ø 70 mm, 2 troughs
Specification		Art. no.	Art. no.	Art. no.
Troughs, 9 × 9 E, 6 pieces	6 pcs/set	80.214.000	80.213.000	80.212.000
Dividers, 10 pieces	10 pcs/set	80.219.000	80.217.000	80.215.000

N.B.: Take the usable height of the drawer into account according to the goods to be stored.

Clip-on label holders for plastic boxes

for inserting into the groove on the plastic boxes.
Including labels and transparent sheets.

Label size (W × H) mm	Quantity	Art. no.
47 × 12	20 tabs	80.169.000

i

Correct use of partition material

Troughs should always be inserted in the running direction
of the drawers to prevent round parts, such as drills or similar,
from falling out when the drawers are closed forcefully.

LISTA Script labels «Standard pack»

The labelling software can be downloaded from the LISTA website at
www.lista.com/script.

Label size (W × H) mm	Quantity	Art. no.
210 × 22 / 70 × 22	2 sheets	80.325.000
47 × 12	76 labels	
47 × 18	52 labels	
27 × 12	133 labels	

Non-slip mats

Non-slip mats to protect delicate inventory items. For placing onto the bottom of the drawer.
Specification: nylon/PVC mesh mats. Colour: anthracite.

For drawer sizes Unit (E)	Width mm	Depth mm	Thickness mm	Art. no.
18 × 27	300	450	3	**119.001.000**
18 × 36	300	600	3	**119.000.000**
27 × 27	450	450	3	**119.020.000**
27 × 36, 36 × 27	450	600	3	**100.396.000**
36 × 36	600	600	3	**100.394.000**
54 × 27	900	450	3	**110.119.000**
54 × 36	900	600	3	**130.745.000**

Foam inserts

For storing very delicate or irregularly shaped parts. To achieve a snug fit, areas can be cut out of
the foam with plunge cutters. Specification: polyethylene plastic. Colour: black.

For drawer sizes Unit (E)	Width mm	Depth mm	Thickness mm	Art. no.
36 × 27, 27 × 36	600	447	22	**80.917.000**
36 × 36	600	600	22	**80.918.000**
54 × 27	906	447	22	**80.923.000**
54 × 36	906	600	22	**80.919.000**
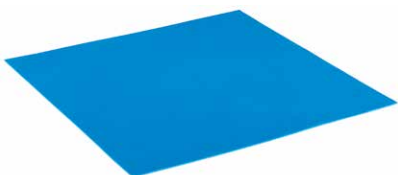
Underlay for foam inserts

Specification: polyethylene plastic. Colour: blue.

For drawer sizes Unit (E)	Width mm	Depth mm	Thickness mm	Art. no.
36 × 27, 27 × 36	600	447	3	**80.906.000**
36 × 36	600	600	3	**80.907.000**
54 × 27	906	447	3	**80.924.000**
54 × 36	906	600	3	**80.908.000**
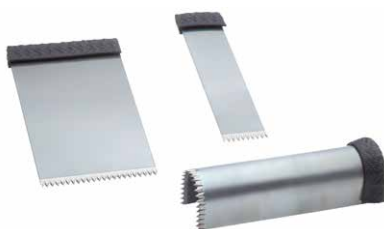
Plunge cutter for foam inserts

For accurate cutting of the blank PE foam inserts.

Width mm	Height mm	Art. no.
20	80	**80.920.000**
50	80	**80.921.000**
20 × 20 „U" shape	80	**80.922.000**
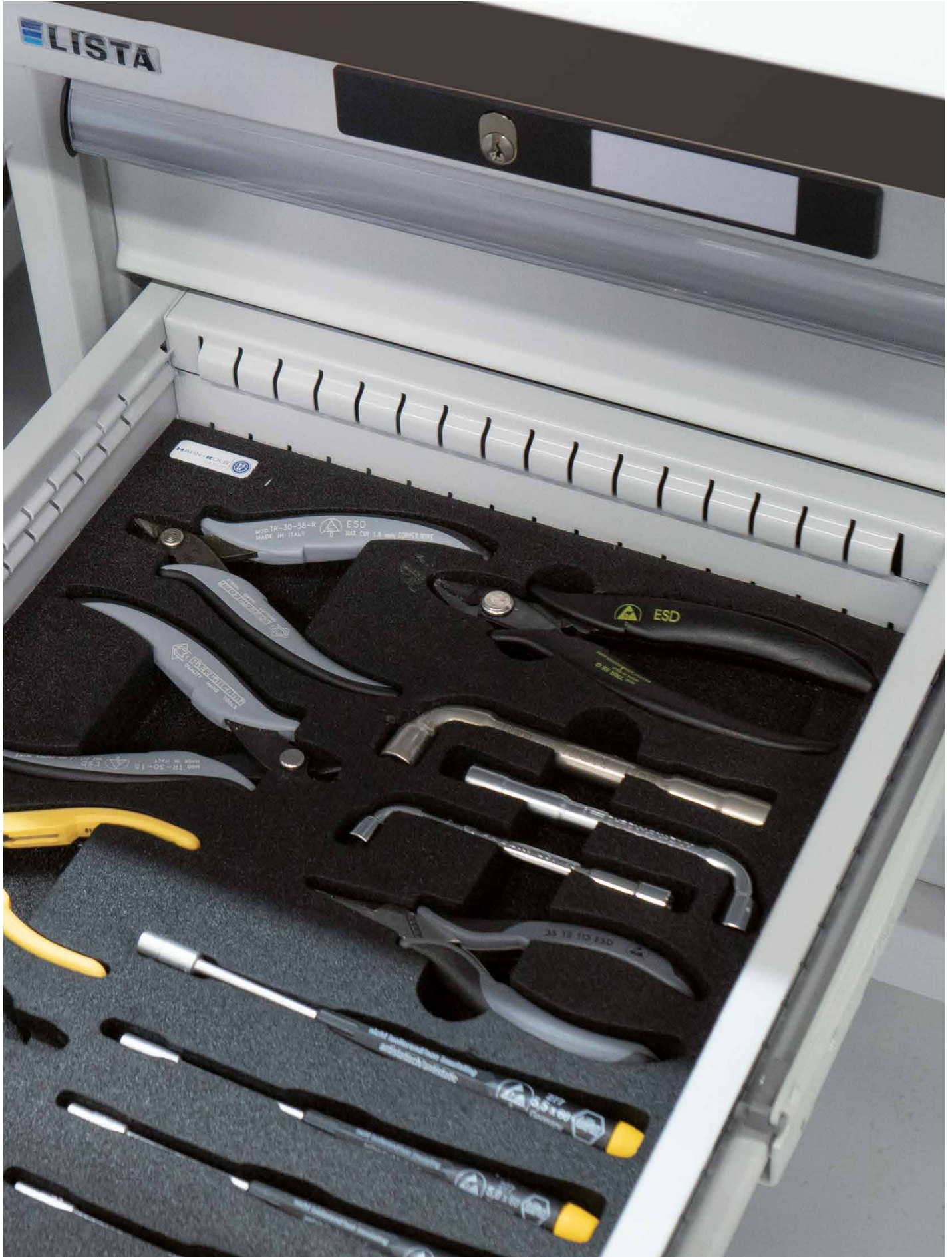
REFERENCES

With LISTA you are in good company. Over 100,000 prestigious companies all over the world already trust in our solutions, covering a cross-section of industries and sizes, from ABB to the Zurich University of Applied Sciences. Here you will find a small selection of our satisfied customers.

ADVICE AND PLANNING

At LISTA, quality of service is paramount. You can depend on that. Whether for warehouse or workshop, assembly, production, recreation area or office: whatever you want to equip, we are there with comprehensive and professional support from planning to after-sales service.

Are you planning a large-scale ESD project? Then we will be pleased to advise you personally, to work with you to analyse your individual needs and visualise your new furniture system with the aid of our planning tool LISTA Draw. Installation and maintenance also form part of our service. This means that with LISTA, you can obtain everything from a single source so that you always have the perfect workspace for every challenge, true to our promise: making workspace work.

Your contacts

ORDERING INFORMATION

+ Your individual choice of colour on request

Benefits

LISTA is able to deliver any individual colour on request. In addition to the existing ESD standard colours, other colours can be produced on request.

- impact-resistant and abrasion-resistant housing finish thanks to environmentally friendly powder coating

Four standard colours

.540	.530	.590	.550
Orange NCS S 1080-Y40R ESD	**Pale grey** NCS S 2403-Y ESD	**Light grey** RAL 7035 ESD	**Anthracite grey** RAL 7016 ESD

+ The clever measurements system

LISTA Units (E)

Using a practical grid system, the LISTA unit (E) ensures that housings, drawers and partition materials always fit neatly together. **A LISTA unit (E) is 17 mm** and is based on the grid system for partitioning drawers. Drawer cabinet housings and the drawers that fit into this housing are based on the same LISTA units, even though they have different dimensions.

1 E = 17 mm

9×9 E

9 E = 9 E × 17 mm = 153 mm

Example:
Cabinet floor area
1023 × 572 mm:
6 × 9 E **= 54 E** (width)
3 × 9 E **= 27 E** (depth)

LISTA Units	Depth 27 E				Depth 36 E						
	18 × 27 E	27 × 27 E	36 × 27 E	54 × 27 E	18 × 36 E	27 × 36 E	36 × 36 E	45 × 36 E	54 × 36 E	64 × 36 E	78 × 36 E
Cabinet floor area mm	411 × 572	564 × 572	717 × 572	1023 × 572	411 × 725	564 × 725	717 × 725	870 × 725	1023 × 725	1193 × 725	1431 × 725
Drawer usable surface mm	306 × 459	459 × 459	612 × 459	918 × 459	306 × 612	459 × 612	612 × 612	765 × 612	918 × 612	1088 × 612	1326 × 612

CUSTOMER SERVICE WITHOUT FRONTIERS

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LISTA production locations

- **Switzerland |** 57,700 m²
- **Germany |** 17,650 m²
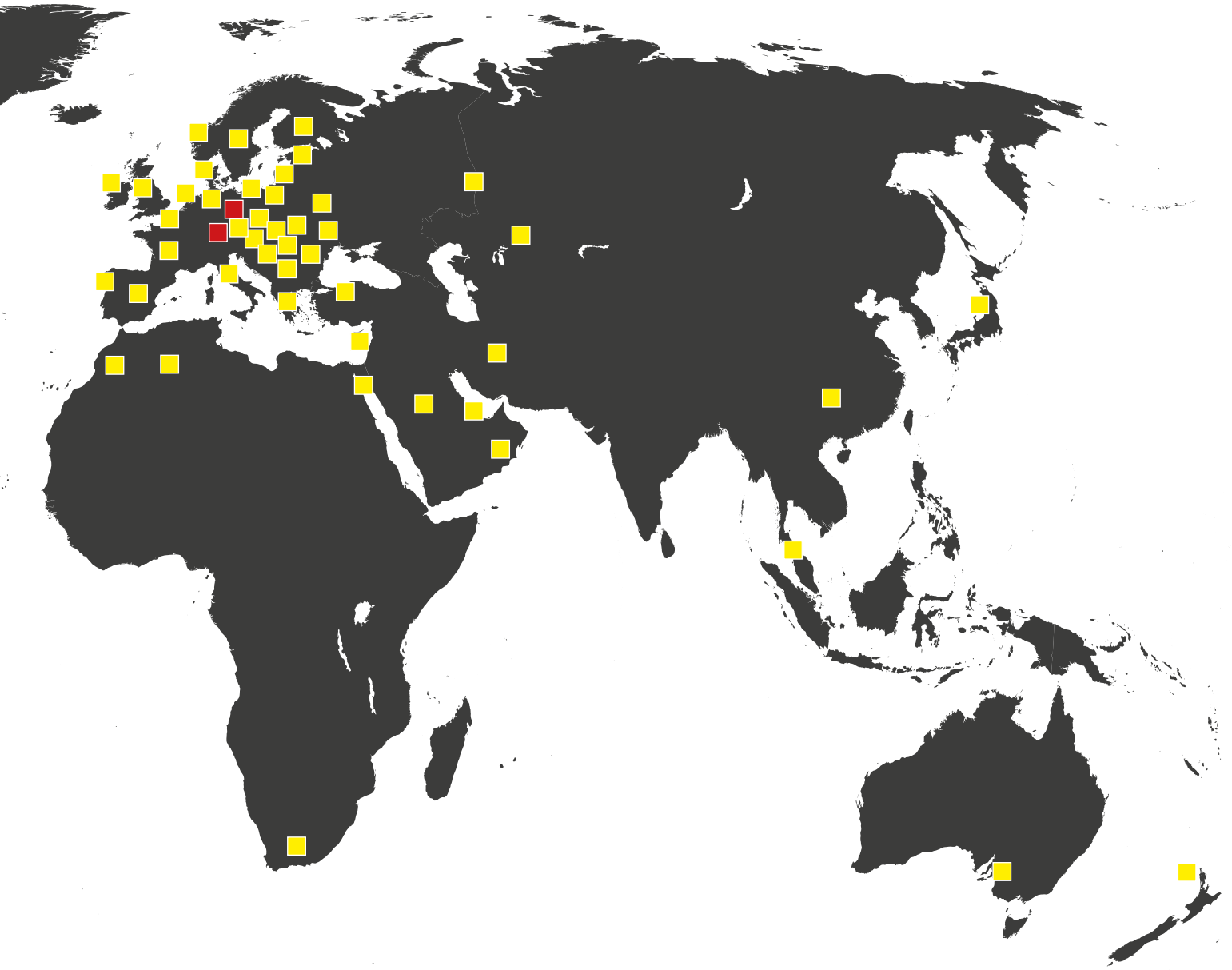
LISTA customer care

Albania ▪ Australia ▪ Austria ▪ Azerbaijan ▪ Bahrain ▪ Belarus ▪ Belgium ▪ Bosnia-Herzegovina ▪ Bulgaria ▪ China ▪ Croatia ▪ Czech Republic ▪ Denmark ▪ Egypt ▪ Estonia ▪ Finland ▪ France ▪ Germany ▪ Greece ▪ Hong Kong ▪ Hungary ▪ India ▪ Indonesia ▪ Iran Irland ▪ Israel ▪ Italy ▪ Japan ▪ Jordan ▪ Kazakhstan ▪ Kuwait ▪ Latvia ▪ Liechtenstein ▪ Lithuania ▪ Luxembourg ▪ Macedonia ▪ Malaysia Montenegro ▪ Netherlands ▪ New Zealand ▪ Norway ▪ Oman ▪ Pakistan ▪ Philippines ▪ Poland ▪ Portugal ▪ Qatar ▪ Romania ▪ Russia Saudi Arabia ▪ Serbia ▪ Singapore ▪ Slovakia ▪ Slovenia ▪ South Africa ▪ South Korea ▪ Spain ▪ Sweden ▪ Switzerland ▪ Taiwan ▪ Thailand ▪ Turkey ▪ Turkmenistan ▪ Ukraine ▪ United Arab Emirates ▪ United Kingdom / UK ▪ Uzbekistan ▪ Yemen

Explanation of symbols

Product features

10-year guarantee

Proven safety

Height adjustment in mm

Drawer load capacity in kg

Shelf load capacity in kg

Pull-out shelf load capacity in kg

Bench load capacity in kg

Housing load capacity in kg

Locking systems

KEY Lock
The standard locking system with replaceable cylinders makes it easy to adapt to existing locking systems. The locking system secures all drawers simultaneously.

CODE Lock
Here the key is replaced by a numeric combination. A simple four to six-digit numeric combination is sufficient to open the drawer cabinets.

RFID Lock
The LISTA RFID Lock enables automatic and contactless locking through radio frequency identification. It consists of a transponder in the lock and a mobile control unit such as badge or card.

AUTO Lock
Like RFID Lock, opens and locks automatically however; can also be time-dependent.

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