

Canvaro Compact

TECHNICAL DESCRIPTION



ASSMANN

Technical description, Canvaro Compact

Canvaro Compact is characterised by its functional design and maximised ease of use. The system offers versatile design options and fulfils all the requirements placed in a workstation according to the Visual Display Unit Ordinance (BildscharbV) in order to accommodate changing user needs and the specifications of occupational health and safety laws. In addition, the system is available in a wide range of shape and colour combinations.

The basic structural design principles of the desk system include user-friendly assembly and disassembly.

The system includes the following basic elements:

- Standalone work tables
- Bench work tables
- Knee room panels
- Power connections
- CPU and printer mounts

System dimensions, bench work tables

- Width range: 1200 mm, 1400 mm, 1600 mm, 1800 mm, 2000 mm
- Depth range: 1700 mm, 1900 mm

(Some models are not available in certain widths and heights)

Panel material

The table elements are made of high-quality, three-layer chipboard with direct melamine resin coating according to DIN EN 14322 in plain surfaces or with various wood décors, sealed on all sides with 3 mm PP edging. Laser application. The surfaces are highly resilient and scratch resistant. Moreover, all panels satisfy the test requirements of the Blue Angel eco-label RAL UZ 38.

Further options are premium three-layer chipboard with real wood surface, veneered with high-quality veneers (support material according to DIN EN 312), side edges sealed with 3 mm strong veneer glue and a surface in high-quality varnish.

Remark: With the exception of the melamine surfaces black décor, signal white décor and the veneer surfaces ash black veneer and walnut veneer, the degree of gloss and reflection corresponds to DIN Technical Report 147 and was approved within the scope of testing for the GS mark.

Frame parts (metal)

Upper frame, panel support and frame feet are made of high-quality steel and have a scratch-resistant powder coating. Solvent-free, environmentally friendly powder coatings with a minimum layer thickness of 60 µm are applied to all frame parts.

Frame parts (plastic)

Plastic parts are made of PP or ABS, assigned a material code and can therefore be disposed of separately.

System design characteristics

The basic frame consists of a symmetrically manufactured upper system frame for table widths of 1200 mm to 2000 mm and table depths of 800 mm to 900 mm. A stable and solid welded assembly enables attachment of the side part to the upper system frame. A gap between the upper system frame and the table top creates the impression of a slightly floating top.

Frame type: T-leg square tube (70 × 70 mm)

- Table height 625–1275 mm: Infinite electric height adjustment; one motor unit per frame side part. A central electronic control unit communicates with the individual motors
- Base adjustment screws are fitted for levelling of floor unevenness (+15 mm).
- The tables are series-fitted with collision protection; a memory function is optionally available as well.

Model characteristics, bench work tables

Bench workstations are offered in the version with 2 × 800 mm table top depth (so total depth = 1700 mm) and 2 × 900 mm table top depth (total depth: 1900 mm). The resulting gap of 100 mm is required for the installation of an optional partitioning screen, including a prescribed safety distance of 25 mm from the two table tops. This safety distance is absolutely necessary to ensure injury-free use in connection with sit/stand tables.

A spacer piece is fitted to maintain this distance; it is mounted on the vertical frame tube of the desk elements. A clasp encloses the tubes and is permanently connected to the desk frames by means of a screw connection. A welded connection is not practical due to limited flexibility and the associated disadvantages in regard to assembly. Cantilever legs are not necessary due to the achieved stability of the connection; adjustable positioners are used for levelling uneven floors.

Additional accessories such as a cable trough, a lamp or a partitioning screen can be mounted on the spacer. The required attachment points are included as standard features. Retrofitting is also possible. A side panel with a high-quality, powder-coated metal cheek can be selected on the left, right or both sides, depending on customer requirements. The panelling is constructed in two parts and consists of an element that is permanently mounted on the frame and a cheek plate that can be suspended without tools. Cable openings are pre-punched on the inside of the panel. The sheet metal parts can therefore be removed according to customer requirements and can be used for cable routing into the side panel. There is also space for excess cable lengths or sockets inside the cheek. The panelling can also be retrofitted.

Bench work tables can be easily converted into standalone tables. This only involves removal of the spacers and fitting of suitable cantilever legs to the individual tables.

Connection

Linear connection of bench work tables

The bench work tables can also be connected in a linear arrangement. Two or more bench work tables are connected at an interval of 25 mm to create a multi-user system. Panelling can be optionally fitted to the connected system, whereby a closed cheek is not required and an open panel version is preferred. Benches can be connected later on as well.

System add-ons

CPU mount

For installation below the table top, with safety strap to secure the computer. The mount is screwed directly under the table top.

Knee room panels

Knee room panels are fitted as privacy screens and attached to the frame using special adapters or directly to the table top with screw-on brackets. The knee room panels have a height of 485 mm, and they are mounted at a distance of approx. 30 mm from the underside of the table top.

The following panel materials are available:

- Wood (melamine or real wood veneer), 8 mm panel thickness, with circumferential edging
- Metal, 2 mm material thickness, powder-coated – square or round holes
- Glass, 6 mm single-pane safety glass (ESG), with satin finish, with bevelled edges

Privacy screen/acoustic elements

Privacy or acoustic elements are available as table-top panels. The elements can either be clamped to the table top or firmly mounted to the frame using special adapters. The partitioning screen system is available in lightweight design in a recessed surrounding aluminium profile frame with fabric filling, glass filling or combined fabric-glass filling. The elements are highly noise-suppressant and have the tested absorber class B. Therefore, the movable walls are excellently suited as sound absorbers in the area of zoning and demarcation. The partitions are 200 mm shorter than the matching table width, as luminaires can be mounted to the left and right (also retrospectively) of the partitioning screen elements.

Horizontal cable routing

■ Variant 1

The horizontal cable duct made of powder-coated steel is attached to the upper frame using sturdy brackets and can be folded down on the user or visitor side as required. A locking mechanism should be included to prevent the cable duct being folded down unintentionally. Strain relief fittings are needed to secure the cables.

■ Variant 2 (bench work tables)

The large-volume horizontal cable trough made of powder-coated steel is attached to the spacers of the bench work tables using sturdy brackets. Optional metal flaps conceal the

excess cable lengths in the trough and therefore seal the unit to create a visually attractive design. Strain relief fittings are needed to secure the cables.

Vertical cable routing

■ Variant 1

Vertical routing of the cables takes place via pluggable cable routing that can be attached to the frame leg or via a cable chain that is attached to the table top or a cable outlet socket.

■ Variant 2 (bench work tables)

Vertical routing of the cables takes place via one or several cable chains that can be attached at various points of the configuration.

Sockets

High-quality triple Schuko sockets are used, which were specifically developed for office furniture. The socket box consists of self-extinguishing, non-drip plastic in the colour black. A lockable feed cable supplies the socket with power; connecting lines can be used to connect several sockets (over longer sections). It is also possible to connect two sockets to create a 6x socket. Alternatively, table-top socket boxes, fixed or rotatable fitted socket boxes that are recessed in the desk top are also available. The boxes can be configured individually to suit specific purposes. Please take note that the manufacturer determines the sequence of the fittings. As a rule, the assembly begins on the left with the switch (if selected), followed by the Schuko sockets and the communication ports. The table-top socket boxes are supplied with two table clamps for attachment to the table. The power supply to the table-top socket box is permanently integrated. The fitted socket boxes are always offered with cut-outs, whereby a lockable feed cable (which must be ordered separately) supplies the socket with power. In this case, the in-feed cables can be fixed under the table top using cable clamps.

Grommet

Panel cut-outs can be optionally included in the table tops. The cable outlet socket has an internal diameter of 70 mm and is mounted in an opening with a diameter of 79.3 mm. Depending on the requirements, a multi-part removable cap can be provided with openings in different sizes. The customer provides a drawing to determine the position of the hole. The following designs and materials should be available:

- Round cover, Ø 87 mm, plastic, 3-part
- Round cover, Ø 87 mm, metal, chrome or stainless steel look, 2-part
- Rectangular cover, 93 × 93 mm, plastic, 3-part
- Optionally, up to three panel cut-outs can be included at fixed positions on the rear edge of the table top. They are used as grommets for the horizontal cable duct to the workspace:
- Cover, rounded on one side, 88 × 71 mm, plastic, 3-part
- Rectangular cover, 88 × 71 mm, plastic, 3-part

General

The materials can be separated for disposal and are fully recyclable. The desk system has been subjected to mandatory testing according to GS guidelines and authorises the holder to use the quality mark "GS tested safety". Only chipboard of emission class E05 or CARB II are used in accordance with the statutory requirements. All panel materials meet the test conditions of the Blue Angel eco-label RAL UZ 38 and are PEFC certified. ASSMANN BÜROMÖBEL GMBH + CO. KG has installed a quality management system and is certified according to DIN EN ISO 9001. In addition, the production sites are audited by a neutral and independent company and are therefore authorised to carry the EMAS logo. Our environmental management system is certified according to DIN EN ISO 14001 and guarantees consistent quality.

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