Canvaro

TECHNICAL DESCRIPTION

ASSMANN

Technical description, Canvaro

The Canvaro desk range includes height-adjustable desks in various versions. All variants are optionally available with 70 mm round tube or 70/70 mm square tube side panels. Height-adjustable base tables as well as height-adjustable crank and motorised desks have the same leg and runner design.

Materials
Canvaro components are made of high-quality materials that meet all current standards and guidelines.

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 (polypropylene) 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. Also available optionally is premium three-layer chipboard with real wood surface, veneered with high-quality veneers (support material according to DIN EN 312) and with side edges sealed with 3 mm of strong veneer glue.

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 (polypropylene) or ABS, have been assigned a material code, and can therefore be disposed of separately.

System structure

Basic frame for basic tables
The basic frame consists of a system upper frame for table widths of 800 mm to 2000 mm and table depths of 600 mm to 1000 mm. The frame side parts are fastened using firm, permanent screw connections. Longer frame and leg cantilevers, designed to suit the panel geometry, are fitted to some of the free-form tables.

Basic frame for stand-or-sitcrank-operated tables.
The basic frame of the stand-or sit crank-operated tables is selected to suit the system dimensions of the basic tables. This means that many elements of the system expansions and almost all power connection accessories are compatible. The cantilever legs and the lower tube diameter are identical to those fitted to the basic tables. The very stable upper frame means that there is no need for a crossbar between the two side parts of the frame. Therefore, mobile roller containers with a system dimension of 8 HE can be placed underneath, even when the table is adjusted to its lowest setting.

CV desks (basic tables)
- C-leg or T-leg (only 70/70 mm square tube)
- Tube-in-tube guide for infinite height adjustment from 620 – 860 mm
- Height-adjustable using an Allen key
- Base adjustment screws to compensate for floor unevenness (+15 mm).
- Middle column (external) 70 mm round tube, 70/70 mm square tube, inner tube with head plate to screw onto the upper frame
- Series-fitted adjustment scale
- Screwed cantilever legs in different lengths
- The cantilever legs are also available in chrome look, subject to a surcharge
- Inner tube (only for support legs) also in chrome look, subject to a surcharge
- Optional height adjustment without tools using a locking handle
- Optional height adjustment with high-quality gas spring support

CV conference tables
- T-leg
- Tube-in-tube guide for infinite height adjustment from 620 – 860 mm
- Height-adjustable using an Allen key
- Base adjustment screws to compensate for floor unevenness (+15 mm).
- Middle column (external) 70 mm round tube, 70/70 mm square tube, inner tube with head plate to screw onto the upper frame
- Series-fitted adjustment scale
- Screwed cantilever legs in different lengths
- The cantilever legs are also available in chrome look, subject to a surcharge

CV crank-operated desks (stand-or-sit tables)
- C-leg
- Infinite height adjustment using the crank: Round tube, square tube from 620 – 870 mm
- Fitted shaft between the telescope legs for power transmission
- Retractable crank
- Base adjustment screws to compensate for floor unevenness (+15 mm).
- Middle column (external) 70 mm round tube, 70/70 mm square tube
- Adjustment scale
- Screwed cantilever legs in different lengths
- The cantilever legs are also available in chrome look, subject to a surcharge

CV desks (stand-or-sit tables)
- C-leg or T-leg (only 70/70 mm square tube)
- Infinite electric height adjustment from 635 – 1285 mm with a round tube (double telescope stroke)
- Infinite electric height adjustment from 625 – 1275 mm with a square tube (double telescope stroke)
- One motor element per frame side part; up to three motor elements for large panel geometries
- A central electrical control unit communicates with the individual motors
- Base adjustment screws to compensate for floor unevenness (+15 mm).
- Middle column (external) 70 mm round tube, 70/70 mm square tube
- Screwed cantilever legs in different lengths
- The cantilever legs are also available in a chrome look, subject to a surcharge
- Optionally available with 4× memory function and illuminated LED display
- Collision protection is standard

Connection variants

Connection elements (only basic tables)
Connecting elements are attached to the upper frame of the desk without tools. Shortened leg cantilevers can be used in the swivel range of the legs if prices are the same.

Conference add-ons (only basic tables)
The conference add-ons are also connected to the upper frame without tools, but no shortened cantilever legs are used in the swivel range of the legs.

Linear connection (only basic tables)
When two desks are joined in a linear connection (total width max. 4000 mm), they are attached to each other without tools. As usual, you can order tables with set-back leg cantilever on the left (LZ) or on the right (RZ) and then simply add the required item for linear connection to the order (LV or LVK, depending on the type of height adjustment and table depth).

System connection (only basic tables)
System connection is also possible. In a system connection, a complete desk with two leg cantilevers is connected without tools to an extension table with one cantilever leg. For this purpose, the add-on table is selected in the “Left without legs” or “Right without legs” version, and your order is then completed with the system connection (SV) item.

L-shaped arrangement (only basic tables)
In the L-shaped arrangement, a complete desk with two cantilever legs is connected to an extension table with one cantilever leg at a 90° angle. One cantilever leg in the swivel range of the legs is therefore not required, so the add-on table is selected in the “Left without legs” or “Right without legs” version. Your order is then completed with the L-shaped arrangement item.

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Power connections

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

Vertical cable routing
Vertical routing of the cables is carried out via a pluggable cable routing that can be attached to the frame leg or a cable chain that is attached to the table top. An optional cable chain is available for stand-or-sit tables, which ensures cable routing from the underside of the table top to the floor.

Sliding panel function
A sliding panel function is optionally available for selected panel shapes. The set price includes additional milling in the table top, a horizontal cable duct with strain relief, a sliding panel lock and a trap protection for wall or block arrangements. The sliding panel function cannot be ordered later on.

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 socket units to create a 6x socket. Alternatively, table-top socket boxes or rotatable fitted socket boxes, which 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, and 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 (KDB/M and KDB/L) 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 sealing 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 are available:
- Round cover, Ø 87 mm, plastic, 3-part
- Round cover, Ø 87 mm, metal, chrome look and stainless steel look, 2-part
- Rectangular cover, 93 × 93 mm, plastic, 3-part. Tables with sliding panel function cannot be equipped with a cable outlet socket.

Optionally, up to three panel cut-outs (AAB/M) 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

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 materials are available for Canvaro:
- Wood (melamine or real wood), 8 mm panel thickness, with circumferential edging
- Metal, 2 mm material thickness, powder-coated – square or round holes as preferred
- Glass, 6 mm single-pane safety glass (ESG), in satin finish, with bevelled edges

System add-ons

CPU mount (CPA)
The CPU mount is offered in three variants:
- CPAP: For installation below the table top, with strap attachment to secure the computer. The mount is screwed directly under the table top and moves up and down with the table top.
- CPAV: For assembly on the upper frame without tools; can be used for external and internal assembly. The mount moves up and down with the table top and is suitable for computer heights from 380 mm to 458 mm. The setting range for computer width is 142 mm to 202 mm in the CPAV variant, and 75 mm to 120 mm for the CPAVM variant. The computers are attached without tools to an anti-slip support panel (200 × 100 mm). The CPAV is suitable for table depths of 800 mm and above.
- CPAC: For mounting on the frame leg, with width-adjustable sliding carriage (185 – 230 mm) to suit the PC size. The mount is clamped to the table column and can be attached both internally and externally. The max. computer height is 540 mm for internal assembly (with a table height of 720 mm). Each of the three variants has a maximum load-bearing capacity of 15 kg.

Printer mount (GEA)
The printer mount has a support surface of 450 × 500 mm (W × D) and is attached to the side of the table. It is connected to the frame without tools by clamping to the upper frame of the desk. The top edge of the GEA panel is 250 mm below the top edge of the desk (25 mm panel thickness). The maximum load-bearing capacity is 15 kg.

Standing add-on (TBA)
The standing add-on is used for brief, stand-up meetings, and the support surface is available in two sizes.

Flexter table add-on
A Flexter multifunctional rail can be fitted to the rear edge of desks as an additional option. It extends the table surface by 100 mm and is used to accommodate accessory elements such as lights, partition walls, socket strips etc., which can be freely positioned and moved along two functional grooves. A brush profile enables simple cable routing under the table top.

Flexter accessories

Organisation system (railing system)
An optional railing system is available for workspace organisation. The organisation system is attached to the Flexter multifunctional rail using adapters. The railing brackets are attached to the Flexter profile system by slot nuts, which means that the railing position can be easily adjusted later on. The railing can accommodate a variety of accessories, such as storage trays, pen holders, CD holders etc. A selection of screen supports (for flat screens) can also be mounted on the rails. The railing system is supplied in an anodised aluminium version with a similar surface and design to the adapters for the other accessories.

Table-top sockets
Anodised aluminium socket box for direct access to power and communication connections. The box is connected to Flexter on a 60 mm adapter made of anodised aluminium, and a cable clip guides the permanently installed in-feed cables directly to the adapter under the table top. Connections such as power, USB charging and HDMI are individually selectable and always meet the latest standards.

Privacy elements
Partitioning screen system without visible frame, in fabric look and suitable for simple zoning and demarcation of workspaces. The elements are attached using a 60 mm adapter made of anodised aluminium.

Screen supports
A range of flat screen supports are available with series-fitted quick-release single-lever operation as a standard feature for effortless assembly/dismantling. They comply with the monitor mount standards VESA 75/75 and VESA 100/100. The supports are connected either to the rail of the organisation system or to the Flexter profile system by special 85 mm adapters made of anodised aluminium.

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 “GS-tested safety” quality mark. Only chipboard of emission class E05 or CARB II is 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.

* Important information for materials made of solid wood or with real wood veneers: Wood is a natural product! Deviations in colour and grain are natural. The colour and stain tone changes depending on the light. These characteristic changes are not grounds for a complaint.

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