POP AD

Desk



TECHNICAL DATA

structure	3-step leg: consisting of a square-section upright (70x70 mm) made of 2 mm thick steel inside which slide 2 other 2 mm thick square section uprights (65x65 mm and 60x60 mm respectively). On the upper part of each upright there is a plastic cover. The leg is fixed by means of 4 screws to a base made of 3 mm thick steel, which is 67,5 cm long and 9 cm wide and equipped with adjustable polyethylene-coated metal feet that allow 10 mm excursion for levelling. A 5 mm thick shaped steel plate is welded to the upper part of the upright to accommodate the motor. The plate has holes for fixing the upper frame by means of screws. Each motor allows a maximum excursion of 65,5 cm (min. H. 61,5 cm max. H. 127 cm - desktop included).
	frame: composed by two telescopic steel tubes with a rectangular cross-section (the outer tube measures 20x40 mm while the inner tube measures 15x30 mm) joined together by transversal connecting plates that are also used to fix the control unit. The two tubes slide according to the length of the top and are locked by means of a dowel on the lower side of the larger tube. The frame is equipped with holes at the bottom for attaching the cable tray if required. Two 3 mm thick, 58 cm long and 3 cm wide moulded steel brackets are attached to the ends of the frame to secure the top. In the case of the desk with an extension, there is a third leg set at 45° with two 4 mm thick steel plates at the top, measuring 160x160 mm. In this desk version, there will be 2 frames running under the tops, both of which will be fixed to the plates of the central leg.
top	melamine: 25 mm thick chipboard (density 720 kg/m^3, formaldehyde emission compliant with EU Regulation 2023/1464 and EPA TSCA Title VI) coated with anti-reflective melamine resins and edged with ABS (2 mm thick with rounded edges).
control unit	the unit receives input from the push-button panel and synchronises the activation of the leg motors. Available with either 240 V (EU and UK versions) or 120 V (US version) power supply.
push-button	Fixed with screws on the lower side of the desktop. It has a digital display and allows the user to memorize up to 3 different height positions, associating them with the buttons numbered from 1 to 3. The push button panel also has an 'A' alert button to remind users to change posture. The default time of the reminder is 45 minutes. The length of the power cable is 140 cm. The push-button can be fixed either to the right or left of the top.

desk dimensions (in cm)

desk

W	D	H
120	80	61,5÷127
140	80	61,5÷127
160	80	61,5÷127
180	80	61,5÷127

desk with return top

W	D	H
140	180	61,5÷127
160	180	61,5÷127
180	180	61,5÷127

structure finish

metal

BG White RAL 9016

NE Black RAL 9005

top finish

melamine

MBI White

MWP Pearl white

MTR Dove

MCE Concrete

MOB Light elm

MRO Oak

MNC Walnut

MFN Black ash

MNV Black velvet

OPTIONALS

1. **front** screen

melamine: 25 mm thick chipboard (density 720 kg/m^3, formaldehyde emission compliant with EU Regulation 2023/1464 and EPA TSCA Title VI), faced with anti-reflex melamine resins and edged with ABS (2 mm thick, with rounded edges). The height of the screen in relation to the top is 37,8 cm. The screen is supported by two 4 mm thick steel sheet brackets, painted with epoxy powders. The brackets are fixed to the desk's underside and to the screen, both of which have holes with threaded inserts, with metric screws. W. 116/136/156/176 cm D. 2,5 cm H. 60 cm.

upholstered in fabric: made of 25 mm thick chipboard (density 720 kg/m^3, formaldehyde emission compliant with EU Regulation 2023/1464 and EPA TSCA Title VI), faced with anti-reflex melamine resins and covered with fabric. The height of the screen in relation to the desk is 37,8 cm.
The screen is supported by two 4 mm thick steel sheet brackets, painted with epoxy powders. The brackets are fixed to the desk's underside and to the screen, both of which have holes with threaded inserts, with metric screws. W. 116/136/156/176 cm D. 2,7 cm H. 60 cm.

pinnable: made of 25 mm thick chipboard (density 720 kg/m^3, formaldehyde emission compliant with EU Regulation 2023/1464 and EPA TSCA Title VI), faced with anti-reflex melamine resins. A 6 mm thick polyethylene foam adhesive mat is glued to both sides of the panel. The entire panel is covered with a layer of fabric. The height of the screen in relation to the desk is 37,8 cm.
The screen is supported by two 4 mm thick steel sheet brackets, painted with epoxy powders. The brackets are fixed to the desk's underside and to the screen, both of which have holes with threaded inserts, with metric screws. W. 116/136/156/176 cm D. 3 cm H. 60 cm.

2. top access

metal: made of anodised or powder-coated extruded aluminium with two ABS closing elements. The upper part features an anodised or powder-coated extruded aluminium door and a dust cover profile at the outlet. The door can be hinged open on one side only.
W. 31,6 cm D. 12 cm H. 2,7 cm

3. cable tray for top access

made of 1 mm thick U-shaped powder-coated steel sheet. The tray interlocks with the top access frame. Fitted with holes on the lower side that can be used for attaching multiple-plug sockets (by means of screws or clamps, not included) or for earthing (by screwing the cable lug for earthing with screw and bolt, not included). W. 28,8 cm D . 9,5 cm H. 10 cm

4. inspectable cable tray

made of 1 mm thick epoxy painted steel sheet and equipped with side openings (L. 50 mm) for cable exit. Fitted with holes on the lower side that can be used for attaching multiple-plug sockets (by means of screws or clamps, not included) or for earthing (by screwing the cable lug for earthing with screw and bolt, not included). The tray is fixed under the top, in correspondence with the structure's brackets, by means of a pair of brackets made of 2 mm thick steel sheet. The type of tray fixing allows it to be reclined for inspection (max. angle 30°). The distance between top and tray is 11 cm, the height of the external side of the tray is 8 cm, while the internal side is 4 cm. W. 100/120/140/160 cm D. 14,5 cm H. 9 cm

5. panelled melamine leg

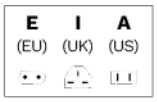
consisting of five 18 mm-thick melamine panels (density 720 kg/m^3, formaldehyde emission compliant with EU Regulation 2023/1464 and EPA TSCA Title VI). The upper panel has a hole for inserting the panelled carter into the desk leg, before fixing the foot. The side panels accommodate 4 adjustable feet Ø 20 mm on the lower edge.

6. vertical cable duct	consisting of a 3 mm thick folded steel plate base (W. 15 cm D. 15 cm H. 0,6 cm) painted with epoxy powders, and a series of rectangular plastic elements (W. 6,5 cm D. 4 cm H. 3 cm) joined together to convey the cables to the desk top. At the end there is an element that fastens to the top (using self-tapping wood screws).
electrification	the desk can be equipped with the following electrification: VERSAQ – VERSATEK – ALUPOWER – NETBOX POINT (please refer to the electrification section for more specifications).

ABACUS | Desk

Desk





Tipo di spina
Type of plug
Type de prise



Desk with return



Dx/Sx
Rh/Lh

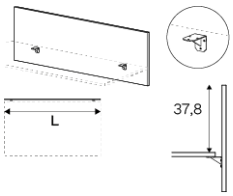


Tipo di spina
Type of plug
Type de prise

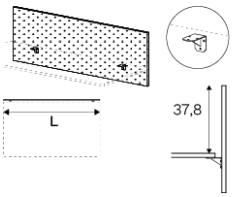


ABACUS | OPTIONALS

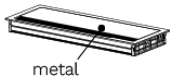
1. **Front** screens
melamine



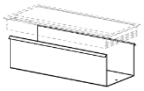
upholstered in fabric



2. top access



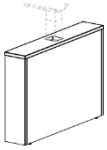
3. cable tray for top access



4. Inspectable cable tray



5. panelled melamine modesty panel



6. vertical cable duct
Cod. PO9232 - H. tot.: 140 cm

