POP SQUARE

Desk

TECHNICAL DATA

structure	leg: consisting of an upper beam, a lower beam and two lateral uprights. The upper beam is made from a 1.5 mm thick, square-section steel tube (W. 1” 3/4 D. 1” 3/4) with rounded edges. The lower beam and the two side uprights are made from a single 2 mm thick, rectangular-section steel tube (W. 1” 3/4 D. 3/4") with rounded edges. All parts are laser-cut, bent and welded to a closed shape. A pair of U-shaped brackets made of 2 mm thick sheet steel are welded onto the leg beam and are used to fasten the longitudinal beams. 5 mm thick steel supports (W. 2” 3/4 D. 1” 1/8) are welded to the upper ends of the leg to support the worktops. All metal parts are epoxy powder-coated with an embossed finish. The leg is equipped with 2 feet (Ø 1” 1/8) made of polyethylene-coated steel, screwed onto threaded pins that allow +10 mm adjustment for floor levelling.
	longitudinal beams: each worktop is supported by two beams made of 1.5-mm-thick steel tubes (W. 1" 3/4 D. 1" 3/4) with rounded edges, attached to the leg brackets. The beams are equipped with slots for attaching modesty panels, trays and return tops. All metal parts are epoxy powder coated with an embossed finish.
	intermediate leg (for connecting several desks in line with each other): consisting of a steel tube frame with a 2 mm thick 80x40 rectangular cross-section with rounded edges, closed at the ends by plastic caps. 2 vertical uprights are screwed under the frame by means of a 4 mm thick steel plate, made of 1.5 mm thick square-section steel tubes (W. 1" 3/4 D. 1" 3/4) with radiused edges. On the inner side of the uprights there are slots for the application of an optional inspectable carter with the purpose of concealing the cable descent. A pair of “U” brackets made of 2 mm thick steel sheet are welded on the frame, which is used to attach the longitudinal beams and support the worktops. The lower ends of the uprights are equipped with feet (Ø 1" 3/4) made of polyethylene-coated steel, screwed onto polyethylene tips that are press-fitted into the base. The feet allow ±10 mm adjustment for floor levelling.
top	melamine: made of 18 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) with matching or colour-contrasting edge. The top is equipped with threaded inserts for attachment to the structure and for fixing the screens. The top is attached to the brackets and supports of the beam with screws. The brackets create a 5 mm gap between the top and structure. Height from floor: 29” 1/8.
	painted glass: 10 mm thick, tempered in accordance with EN 12150 with flat polished edges, painted with water-based tints on the underside (if painting is white, extra-clear glass is used). Features steel studs with threaded holes glued to the underside.

melamine desk dimensions

W	D	H
31”1/2	31”1/2	29”1/8
39”3/8	31”1/2	29”1/8
47”1/4	31”1/2	29”1/8
55”1/8	31”1/2	29”1/8
63”	31”1/2	29”1/8
70”7/8	31”1/2	29”1/8
78”3/4	31”1/2	29”1/8

W	D	H
31”1/2	23”5/8	29”1/8
39”3/8	23”5/8	29”1/8
47”1/4	23”5/8	29”1/8
55”1/8	23”5/8	29”1/8
63”	23”5/8	29”1/8
70”7/8	23”5/8	29”1/8

glass desk dimensions

W	D	H
70”7/8	31”1/2	29”1/8
78”3/4	31”1/2	29”1/8

initial/ final/ intermediate desk for compositions dimensions

W	D	H
47”1/4	31”1/2	29”1/8
55”1/8	31”1/2	29”1/8
63”	31”1/2	29”1/8
70”7/8	31”1/2	29”1/8
78”3/4	31”1/2	29”1/8

W	D	H
47”1/4	23”5/8	29”1/8
55”1/8	23”5/8	29”1/8
63”	23”5/8	29”1/8
70”7/8	23”5/8	29”1/8

standard finishes for metal leg and beam

metal

- ZGBI White embossed painted RAL 9010
- ZGAS Aluminium embossed painted RAL 9006
- ZGNE Black embossed painted RAL 9005

special finishes for metal leg and beam

metal leg* (special finishes only for leg)

- ZGV0 Maize yellow embossed painted RAL 1006
- ZGR0 Titian red embossed painted RAL 050 50 60
- ZGB0 Gentle blue embossed painted RAL 250 60 15
- ZGB1 LED blue embossed painted RAL 260 40 45
- ZGG0 Pebble grey embossed painted RAL 7032
- ZGG5 Green grey embossed painted RAL 7009

metal beam (beam finish for legs in special finish)

- ZGAS Aluminium embossed painted RAL 9006

top finish

melamine

- MBI White
- MWP Pearl white
- MTR Dove
- MCE Concrete
- MOB Light elm
- MRO Oak
- MNC Walnut
- MFN Black ash
- MNV Velvet black

melamine with colour-contrasting edge

- GMBI – White with green grey edge
- NMBI - White with black edge
- BMOB – Light elm with white edge
- GMOB – Light elm with green grey edge
- NMOB – Light elm with black edge
- GMNC – Walnut with green grey edge
- NMNC - Walnut with black edge
- GMNV – Black velvet with green grey edge

glass

VTBI White painted glass on the lower side

VTNE Black painted glass on the lower side

OPTIONALS

1. front screen	melamine: made of 18-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, edged with ABS (2-mm thick with radiused edges). The screen is supported by 2 liquid-painted zamak brackets attached to the lower side of the top. It features a standard milling on the lower side for the insertion of the accessory bar (in this case the screen must be rotated 180°). The height of the screen from the desk top is 15" 1/8. A space of 5/8" remains between the screen and the top for cable passage. W. 39” 3/8 / 47” 1/4 / 55” 1/8 / 63” / 70” 7/8 / 7” 7/8 D. 3/4" H. 15” 1/8
	fabric: made of 18 mm thick fabric-covered chipboard (density 720 kg/m^3, formaldehyde emission compliant with EU Regulation 2023/1464 and EPA TSCA Title VI). The screen is supported by 2 liquid-painted zamak brackets attached to the lower side of the top. The screen has a milling on the top, hidden under the fabric covering, for the insertion of an accessory bar. The fabric has to be torn in correspondence with the milling in order to insert the bar. The height of the screen from the desk top is 15" 1/8. A space of 5/8" remains between the screen and top for cable routing.. W. 39” 3/8 / 47” 1/4 / 55” 1/8 / 63” / 70” 7/8 / 7” 7/8 D. 3/4" H. 15” 1/8
	glass: made of 6 mm thick tempered glass according to EN12150 with flat polished edges, etched on both sides. The screen is supported by 2 liquid-painted zamak brackets attached to the lower side of the top. Each bracket has silicone spacers (1 mm) to prevent contact between metal and glass. A space of 7/8" remains between the screen and the top for cable passage. W. 39” 3/8 / 47” 1/4 / 55” 1/8 / 63” / 70” 7/8 / 7” 7/8 D. 1/4" H. 15” 1/8
	sound-absorbing: 30 mm thick panel with recycled polyester fibre interior (average density 50 kg/m3), edged on three sides with 1 cm thick forex reinforcement. Base in 3x3 cm shaped plywood with sockets for the insertion of the fixing hardware. The panel is then covered in fabric and fixed to the base with metal clips. Total thickness 1” 1/4. W. 39” 3/8 / 47” 1/4 / 55” 1/8 / 63” / 70” 7/8 / 7” 7/8 D. 1” 1/4 H. 15” 1/8
2. lateral screen	melamine: made of 18 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, edged with ABS (2 mm thick with radiused edges). The screen is supported by 2 brackets made of 3-mm-thick epoxy-coated steel sheet, attached to the lower side of the top with wooden screws. The height of the screen from the worktop is 15" 1/8. W. 31" 1/2 D. 3/4" H. 15" 1/8
	fabric: made of 18-mm-thick chipboard (density 720 kg/m^3, formaldehyde emission compliant with EU Regulation 2023/1464 and EPA TSCA Title VI) covered with fireproof fabric. The screen is supported by 2 brackets made of 3 mm thick steel sheet painted with epoxy powders, fixed on the lower side of the top with wooden screws. The height of the screen from the worktop is 15" 1/8. W. 31" 1/2 / 49" 1/4 / 65" D. 3/4" H. 15" 1/8
	glass: made of 6 mm thick tempered glass according to EN12150 standard with flat polished edges, etched on both sides. The screen is supported by 2 liquid-painted zamak brackets attached to the lower side of the top. Each bracket has silicone spacers (1 mm) to prevent contact between metal and glass. The height of the screen from the worktop is 15" 1/8. W. 31" 1/2 / 49" 1/4 / 65" D. 1/4" H. 15" 1/8.
3. accessory bar	consisting of an extruded aluminium bar and supplied with 3 caps (2 end caps and 1 intermediate cap) made of ABS. W. 39”3/8 / 47”1/4 / 55”1/8 / 63” / 70”7/8 / 78”3/4 P. 3/4" H. 1/4".
4. document holder	made of 1 mm thick folded steel sheet, epoxy powder coated and open on the front side. It does not require fastening as it is shaped to hook onto the accessory bar. W. 13” D. 9” H. 7”7/8.
5. shelf for document holder	1 mm thick steel sheet, bent and epoxy powder-coated. To be placed on dox holder. W. 13” D. 9” H. 3”7/8.
6. stationary tray	1 mm thick steel sheet folded and epoxy powder coated. Does not require fastening as it is shaped to hook onto the accessory bar. W. 11”3/4 D. 3”7/8 H. 1”.

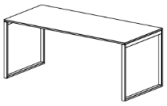
7. objects tray	made of 1 mm thick steel sheet, folded and epoxy powder coated. It does not require fastening as it is shaped to hook onto the accessory bar. W. 5”1/8 D. 3”7/8 H. 3”7/8.
8. A4 paper tray	made of 1 mm thick steel sheet, folded and epoxy powder coated and open on the front side. It does not require fastening as it is shaped to hook onto the accessory bar. W. 13” D. 9” H. 2”.
9. modesty panel	melamine: 18 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, edged with ABS (2 mm thick with rounded edges). The modesty panel is fitted with 1.5 mm thick steel plate brackets painted with epoxy powders with an embossed finish. The bracket is hung to the rear beam by means of a U-shaped hook. A space of 30 mm remains between the modesty panel and the beam for cable passage. The length of the modesty panel is 7” 7/8 shorter than that of the desk (4” on each side). W. 31” 1/2 / 39” 3/8 / 47” 1/4 / 55” 1/8 / 63” / 70” 7/8 D. 3/4" H. 11” 3/4
10. desk pad	1.5 mm thick steel sheet covered in eco-leather. W. 31” 1/2 P. 19” 3/4.
11. hanging drawer	Consisting of structure, drawer and front made of 0.8 mm thick steel sheet painted with epoxy powders in an embossed finish. The drawer slides on damped concealed runners with partial extension. The bottom is equipped with 4 threaded inserts for attaching the helmet/bag holder. The maximum load capacity is 6.6 lbs. Useful internal dimensions: L. 13” 1/4 P. 14” 1/2 H. 2” 3/4; External dimensions: L. 16” 1/2 P. 15” 3/8 H. 4”.
12. helmet/bag holder	made of 1.2 mm thick steel sheet painted with epoxy powder with an embossed finish. Fastened to the lower part of the drawer structure with metric screws. The back is 4” high to prevent objects from falling out. Maximum load capacity is 17,6 lbs. W. 16” 1/2 D. 15” H. 12” 5/8.
13. top access	metal: made of anodised or epoxy powder-coated extruded aluminium with two ABS closing elements. The upper part features an anodised or epoxy powder-coated extruded aluminium door and a dust cover profile at the outlet. The door can be hinged open on one side only. Maximum door opening: 90°. W. 12” 1/2 D. 4” 3/4 H. 1”
14. cable tray for top access	made of 1 mm thick U-shaped epoxy 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. 11”3/8 D. 3”3/4 H. 3”7/8.
15. cable tray	made of 1 mm thick steel sheet epoxy powder coated with an embossed finish. It can be attached to the top of the modesty panel or fastened under the top with wooden screws. 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. 19” 3/4 / 27” 1/2 D. 4” 3/8 H. 3” 1/8
16. inspectable cable tray	made of 1-mm-thick epoxy powder coated steel sheet with an embossed finish and equipped with side openings (W. 2”) 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 brackets, by means of a pair of 2 mm thick steel sheet brackets. The type of attachment to the tray allows it to be reclined for inspection (max angle 30°). The distance between the top and tray is 4” 3/8, the height of the outer side of the tray is 3” 1/8, while the inner side is 1” 5/8. W. 31” 1/2 / 39” 3/8 / 47” 1/4 / 55” 1/8 / 63” / 70” 7/8 D. 5” 3/4 H. 3” 1/2.
17. CPU holder	(PCPU01) made of 1 mm thick steel sheet, folded and epoxy powder-coated with an embossed finish. Fixed to the top with wooden screws. The maximum load capacity is 22 lbs. W. 8" 5/8 D. 19" 3/4 H. 21" 7/8.

18. height and width-adjustable CPU holder	(EEPCA) consisting of a plastic-coated metal supporting side structure, base and side supports to hold the computer case in place. Comes with an upper bracket to secure it to the work surface using wooden screws. The side and top supports are adjustable to fit different case sizes. Height adjustment (internal space): 15" 3/8 to 21" 1/4; Width adjustment (internal space): 5" 1/8 to 9" 1/2. The maximum load capacity is 22 lbs.
19. carter for vertical cable management	consisting of a 1 mm thick folded steel sheet base, epoxy powder-coated with an embossed finish. 2 magnets with a diameter of 3/4" are located in the hollow part for direct attachment to the metal leg. W. 2” D. 1” H. 22”
20. vertical cable duct	composed of a 3.5 mm thick folded epoxy-powder coated steel sheet base (W. 5’ 7/8 D. 5‘ 7/8 H. 1/4’) and a series of rectangular plastic elements (W. 2" 1/2 D. 1" 5/8 H. 1" 1/8) joined together to guide the cables to the top. For each vertebra there are 45 elements (H. max. 33" 1/8). At the end there is an element for fixing the vertical cable management to the top (using self-tapping wood screws).
21. removable carter (for intermediate leg)	made of 1 mm thick epoxy powder-coated steel plate and fitted with hooks for attachment to the middle of the legs. A space of 40 mm remains between the floor and the lower edge of the carter to allow for the passage of cables. The same space is available at the top between the leg beam and the upper edge of the carter. W. 7” 1/4 D. 2” H. 23” 1/4.
electrification	the desk can be equipped with the following electrification: NETBOX POINT – VERSAQ – VERSATEK - ALUPOWER (please refer to the electrification section for more specifications).

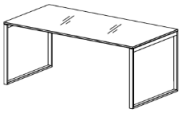
ABACUS | Desks

Desk D. 31” 1/2

Desk – Melamine top

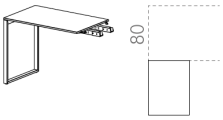


Desk – Glass top

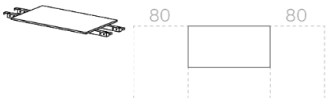


Return top

Hanging return top for D. 31” 1/2 desk

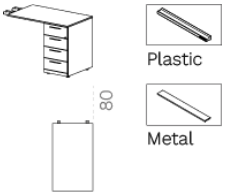


Intermediate return top for compositions with D. 31” 1/2 desks

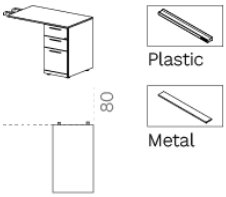


Return top with cabinets

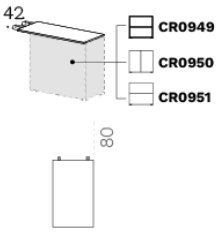
Hanging return top with 4-drawer pedestal for desk D. 31” 1/2



Hanging return top with 2 drawers, 1 filing drawer for D. 31” 1/2 desk

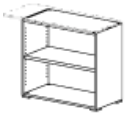


Return top for desk-height cabinet for D. 31” ½ desk

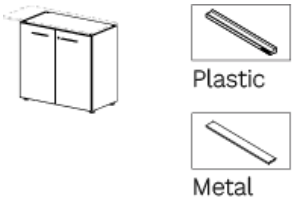


Return top configurations for desk-height cabinets

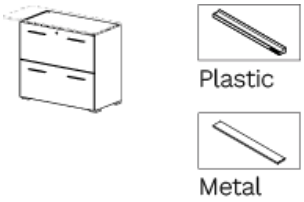
Desk-height open cabinet



Desk-height cabinet with 2 doors

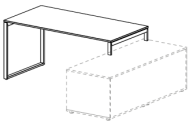


Desk-height cabinet with 2 filing drawers

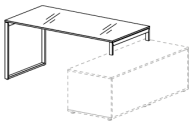


Hanging desk D. 31” 1/2

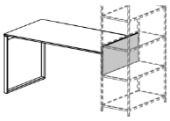
Hanging desk- melamine top



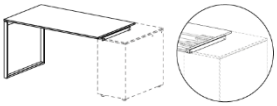
Hanging desk- glass top



Desk with support for fixing to W. 31”1/2 bookase Phylo



Desk for attachment to H. 29”1/8 cabinet

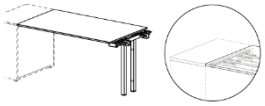


Desks for compositions

INITIAL

Initial desk

Initial desk for attachment to H. 29”1/8 cabinet

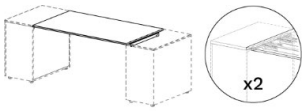


Initial desk for supporting service unit

INTERMEDIATE

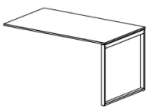
Intermediate desk

Desk for attachment to 2 H. 29”1/8 cabinets

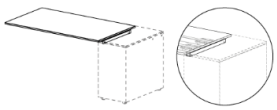


ENDING

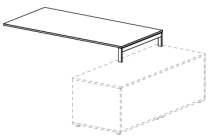
Ending desk



Final desk for attachment to H. 29”1/8 cabinet

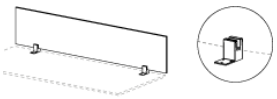


Final desk for supporting service unit

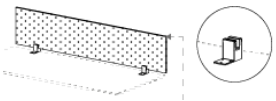


ABACUS | OPTIONALS

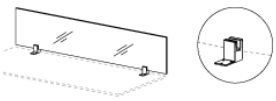
1. Front screens



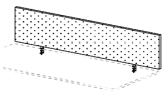
melamine



fabric



glass



Sound-absorbing

2. Lateral screens

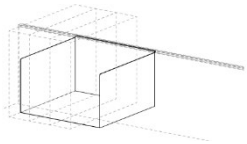
melamine

fabric

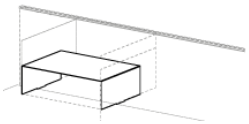
glass

3. Accessory bat for melamine/fabric screen

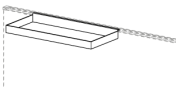
4. Document holder



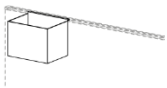
5. Shelf for document holder



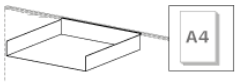
6. Stationary tray



7. Objects tray



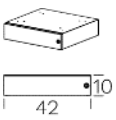
8. A4 paper tray



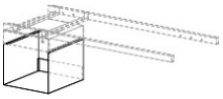
9. modesty panel

10. eco-leather desk pad

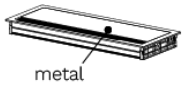
11. hanging metal shelf
(max capacity: 3 Kg)



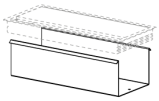
12. helmet/bag holder



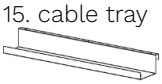
13. top access



14. cable tray for top access

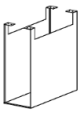


15. cable tray

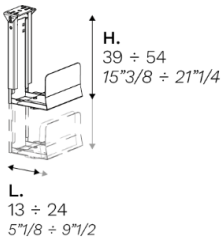


16. inspectable cable tray

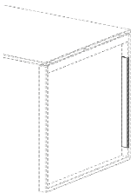
17. CPU holder



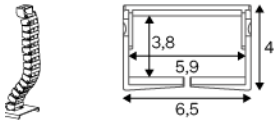
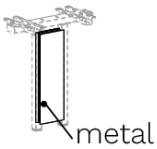
18. height and width adjustable CPU holder



19. carter for vertical cable management



20. vertical cable duct



21. pair of removable carters (for intermediate leg)