

## POP ACE

Desk

FREZZA



### TECHNICAL DATA

#### structure

leg: made of a 1.5 mm thick single square-section steel tube (W. 1" 3/4 D. 1" 3/4) with rounded edges. The tube is laser-cut, bent and welded, forming the two uprights and beam. The uprights are inclined by 97°. Four U-shaped brackets, made of 2 mm thick steel sheet, are welded onto the leg beam. These brackets are used to attach the longitudinal beams and to support the worktop. All metal parts are painted with epoxy powders with an embossed finish. Inside the upright, at the lower end of the leg, a 4 mm thick steel plate is welded with a central hole for screwing in PE feet (Ø 1" 3/8). The feet allow an adjustment of + 10 mm 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<sup>3</sup>, formaldehyde emission class E1, meets CARB requirements), 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 5,5 mm gap between the top and structure. A top with 3" 1/8 rounded corners is also available for the D. 35" 3/8 desk.

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 top desk dimensions (in cm)	W	D	H	W	D	H	W	D	H
	31"1/2	31"1/2	29"1/8	31"1/2	23"5/8	29"1/8	70"7/8	35"3/8	29"1/8
	39"3/8	31"1/2	29"1/8	39"3/8	23"5/8	29"1/8	78"3/4	35"3/8	29"1/8
	47"1/4	31"1/2	29"1/8	47"1/4	23"5/8	29"1/8			
	55"1/8	31"1/2	29"1/8	55"1/8	23"5/8	29"1/8			
	63"	31"1/2	29"1/8	63"	23"5/8	29"1/8			
glass top desk dimensions (in cm)	W	D	H						
	70"7/8	31"1/2	29"1/8						
	78"3/4	31"1/2	29"1/8						
Initial/ending desk for composition dimensions (in cm)	W	P	H	W	D	H	W	D	H
	47"1/4	31"1/2	29"1/8	47"1/4	23"5/8	29"1/8	70"7/8	35"3/8	29"1/8
	55"1/8	31"1/2	29"1/8	55"1/8	23"5/8	29"1/8	78"3/4	35"3/8	29"1/8
	63"	31"1/2	29"1/8	63"	23"5/8	29"1/8			
	70"7/8	31"1/2	29"1/8	70"7/8	23"5/8	29"1/8			
Intermediate desk for composition dimensions (in cm)	W	D	H	W	D	H			
	47"1/4	31"1/2	29"1/8	47"1/4	23"5/8	29"1/8			
	55"1/8	31"1/2	29"1/8	55"1/8	23"5/8	29"1/8			
	63"	31"1/2	29"1/8	63"	23"5/8	29"1/8			
	70"7/8	31"1/2	29"1/8	70"7/8	23"5/8	29"1/8			
standard finishes for metal leg and beam	<b><u>metal</u></b>								
	 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	<b><u>metal leg* (special finishes only for leg)</u></b>								
	 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						
<b><u>metal beam (beam finish for legs in special finish)</u></b>									
 ZGAS Aluminium embossed painted RAL 9006									
top finish	<b><u>melamine</u></b>								
	 MBI White	 MWP Pearl white	 MTR Dove						
	 MCE Concrete	 MOB Light elm	 MRO Oak						
	 MNC Walnut	 MFN Black ash	 MNV Velvet black						
<b><u>melamine with colour-contrasting edge</u></b>									
 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<sup>3</sup>, formaldehyde emission class E1, meets CARB requirements), 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 / 78 " 3/4 D. 3/4" H. 15" 1/8

fabric: made of 18 mm thick fabric-covered chipboard (density of 720 kg/m<sup>3</sup>, formaldehyde emission class E1, meets CARB requirements). 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 / 78 " 3/4 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 / 78 " 3/4 D. 1/4" H. 15" 1/8

sound-absorbing: 30 mm thick panel with recycled polyester fibre interior (average density 50 kg/m<sup>3</sup>), 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.

### 2. lateral screen

melamine: made of 18 mm-thick chipboard (density 720 kg/m<sup>3</sup>, formaldehyde emission class E1, meets CARB requirements), 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<sup>3</sup>, formaldehyde emission class E1, meets CARB requirements) 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 / 49" 1/4 / 55"1/8 / 63" / 65" / 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	<u>melamine</u> : 18 mm thick chipboard (density 720 kg/ m3, formaldehyde emission class E1, meets CARB requirements), 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). When the desk is hanging on a service cabinet, the length of the modesty panel is reduced by 15" 3/4 compared to that of the desk (7" 7/8 per 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. modesty panel for desk D. 90 with top and rounded edges	<u>melamine</u> : made of 18 mm thick chipboard (density 720 kg/m3, formaldehyde emission class E1, meets CARB requirements), faced with anti-reflex melamine resins and edged with ABS (2 mm thick with radiused edges). The modesty panel has 80 mm rounded corners. The modesty panel is equipped with sockets for attaching brackets made of 2 mm thick steel sheet, which are epoxy powder coated with an embossed finish. The bracket features tabs that are design to fit into the slots of the desk. A space of 1" 1/8 remains between the modesty panel and the beam for cable routing. The length of the modesty panel is reduced by 15" 3/4 compared to that of the desk (7" 7/8 on each side). W. 55" 1/8 / 63" D. 3/4" H. 11" 3/4 <u>fabric</u> : made of 18 mm thick melamine (density of 720 kg/m3, formaldehyde emission class E1, meets CARB requirements), covered with fabric. The modesty panel has 80 mm rounded corners. The modesty panel is equipped with sockets for attaching brackets made of 2 mm thick epoxy powder-coated sheet steel. The bracket features tabs that are design to fit into the slots of the desk. A space of 1" 1/8 remains between the modesty panel and the beam for cable routing. The length of the skirt is reduced by 15" 3/4 compared to that of the desk (7" 7/8 on each side). W. 55" 1/8 / 63" D. 3/4" H. 11" 3/4
11. desk pad	1.5 mm thick steel sheet covered in eco-leather. W. 31" 1/2 P. 19" 3/4.
12. 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".
13. 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.
14. top access	<u>metal</u> : 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"
15. 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.
16. 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
17. 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.
18. 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.
19. 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.
20. 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"
21. 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).
22. 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. 6" 1/2 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. 23" 5/8 / 31" 1/2 / 35" 3/8**  
Desk – Melamine top



**Desk D. 31" 1/2**  
Desk – glass top

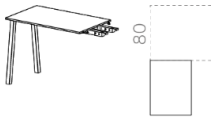


**Desk D. 35" 3/8**  
Desk – Top with rounded edges

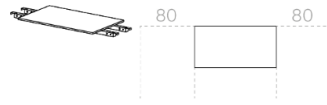


### Return top

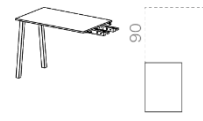
Hanging return top for desk  
D. 31" 1/2



Intermediate return top – Only for  
compositions with desk D. 31" 1/2

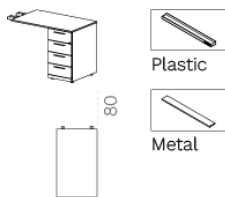


Hanging return top for desk  
D. 35" 3/8

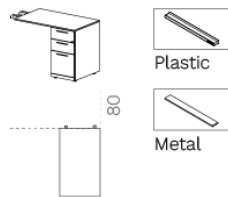


### Return tops with cabinets

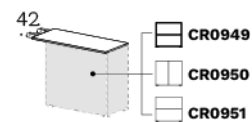
Hanging return top with 4-drawer  
pedestal for desk D. 31" 1/2



Hanging return top with 2-drawer  
pedestal and 1 filing drawer for desk D.  
31" 1/2



### Return tops for desk-height cabinets

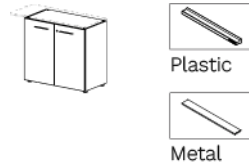


### Return tops configurations for desk-height cabinets

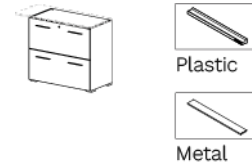
Open cabinets



2 door cabinets

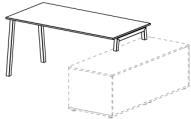


Cabinet with 2 filing drawers

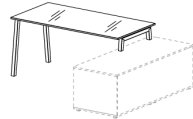


### Hanging desk and units

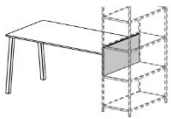
Hanging desk – Melamine top D. 31" 1/2  
/ 35" 3/8



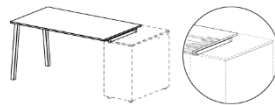
Hanging desk – Glass top  
D. 31" 1/2



Desk with support for fixing to Phylo  
bookcase W. 31" 1/2 - D. 31" 1/2



Desk for attachment to H. 29"1/8  
cabinet - D. 31" 1/2 / 23" 5/8



### Desks for compositions

#### INITIAL

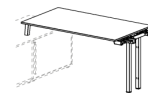
Initial desk - D. 31" 1/2 / 23" 5/8



Initial desk for attachment to H. 29"1/8  
cabinet - D. 31" 1/2 / 23" 5/8



Initial desk for supporting service unit -  
D. 31" 1/2 / 35" 3/8

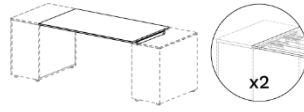


## INTERMEDIATE

Intermediate desk - D. 31" 1/2 / 23" 5/8



Desk for attachment to 2 H. 29"1/8 cabinets - D. 31" 1/2 / 23" 5/8

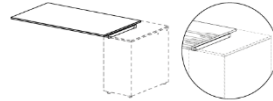


## ENDING

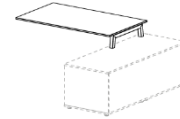
Ending desk - D. 31" 1/2 / 23" 5/8



Ending desk for attachment to H. 29"1/8 cabinet - D. 31" 1/2 / 23" 5/8

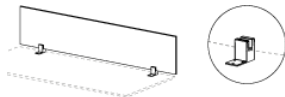


Ending desk for supporting service unit - D. 31" 1/2 / 35" 3/8

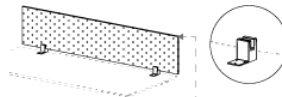
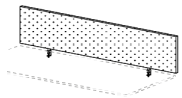


## ABACUS | Optionals

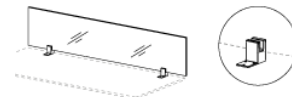
### 1. Front screens



melamine



fabric



glass

Sound-absorbing

### 2. Lateral screens



melamine



fabric

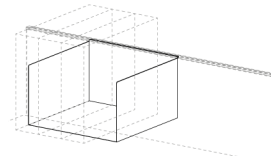


glass

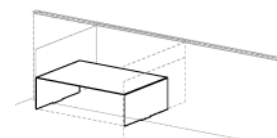
### 3. Accessory bar for melamine/fabric screens



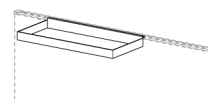
### 4. Document holder



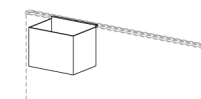
### 5. Shelf for document holder



### 6. Stationary tray



### 7. Objects tray



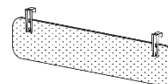
### 8. A4 paper tray



9. Modesty panel



10. Modesty panel for D. 90 desk with top and rounded edges



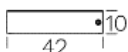
melamine

fabric

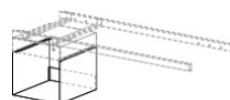
11. eco-leather desk pad



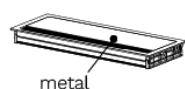
12. hanging metal drawer (max capacity: 6,61 lbs)



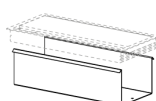
13. bag/helmet holder



14. top access



15. cable tray for top access



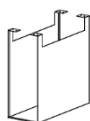
16. cable tray



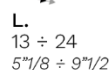
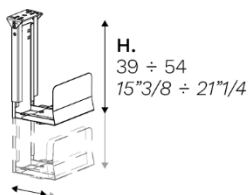
17. inspectable cable tray



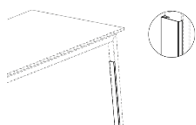
18. CPU holder



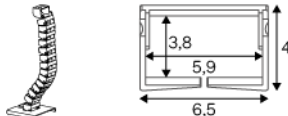
19. height and width adjustable CPU holder



20. carter for vertical cable management



21. vertical cable duct



22. pair of removable carters (for intermediate leg)

