

## POP ACE

Bench

FREZZA






















### TECHNICAL DATA

structure	<p><u>leg</u>: 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.</p> <p>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.</p> <p>In the bench configuration with load-bearing cabinets, instead of using a single leg, 2 legs with a depth of 23" 5/8 (for bench D. 49" 1/4) or 31" 1/2 (for bench D. 65") are used.</p> <hr/> <p><u>longitudinal beams</u>: each work surface is supported by two beams made from 1.5 mm thick steel tubes (W. 1' 3/4 D. 1' 3/4) with rounded edges, which are attached to the leg brackets. The beams are fitted with slots for the attachment of cable trays. All metal parts are epoxy powder-coated.</p> <p>In the bench configuration with a load-bearing service cabinet, a 3 mm thick steel sheet bracket is fastened to the latter to attach the beams and support the worktop. The bracket is fixed to the cabinet with wooden screws and telescopic screws.</p> <hr/> <p><u>intermediate leg (for connecting several benches together)</u>: consisting of a 2 mm thick, 80x40 rectangular steel tube frame with rounded edges, closed at the ends by plastic caps. Two vertical uprights are screwed underneath the frame by means of a 4 mm thick steel plate, and are made of 1.5 mm thick square-section steel tubes (W. 1" 3/4 D. 1" 3/4) with rounded edges. On the inner side of the uprights there are slots for the application of an optional inspectable carter, which is used to conceal the cable descent. Welded onto the frame are 2 pairs of U-shaped brackets made of 2 mm thick sheet steel (1 only in the case of D. 23" 5/8 and D. 31" 1/2), which are used to fasten the longitudinal beams and support the worktops. Each bracket is equipped with a double fixing position for the beams so that the desk tops can be mounted adjacent or detached. The lower ends of the uprights are fitted with polyethylene-coated steel feet (Ø 1" 3/4), which are screwed onto polyethylene tips that are press-fitted into the lower part. The feet allow ±10 mm adjustment for floor levelling.</p> <hr/>
top	<p><u>melamine</u>: 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. Brackets and supports create a 5 mm gap between the top and structure.</p>

melamine with tilting cover (RIBA): 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 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. Brackets and supports create a 5 mm gap between the top and the structure.

On the top there is a cover made from an extruded anodised aluminium profile, closed at the ends by a pair of transparent ABS caps. The overall length is equal to that of the top. The covers are equipped with a hinge, fixed to the central profile, to allow them to be lifted (max. opening 90°) to access the cable tray underneath. The cover profile is fitted with a dust cover profile to protect the cable outlet hole between the cover and the top. A pair of brackets (W. 15" 3/4 D. 1" 5/8 H. 5/8") in 2 mm thick epoxy powder-coated steel sheet are fixed under the top, serving as a support base for the cover (limiting its movement when closed) and for supporting the central profile. The tilting cover makes it compulsory to use the central profile for screens.

free-standing bench modules dimensions (in cm)	W	D	H	W	D	H
	47"1/4	65"	29"1/8	100	49"1/4	29"1/8
	55"1/8	65"	29"1/8	47"1/4	49"1/4	29"1/8
	63"	65"	29"1/8	55"1/8	49"1/4	29"1/8
Bench modules: initial, intermediate and ending (in cm)	70"7/8	65"	29"1/8	63"	49"1/4	29"1/8
	78"3/4	65"	29"1/8	70"7/8	49"1/4	29"1/8
free-standing bench modules with tilting cover dimensions (in cm)	W	D	H			
	47"1/4	65"	29"1/8			
	55"1/8	65"	29"1/8			
	63"	65"	29"1/8			
Bench modules with tilting cover: initial, intermediate and ending (in cm)	70"7/8	65"	29"1/8			
	78"3/4	65"	29"1/8			
lateral workstation dimensions: initial and ending (in cm)	W	D	H	W	D	H
	23"5/8	65"	29"1/8	23"5/8	49"1/4	29"1/8
	31"1/2	65"	29"1/8	31"1/2	49"1/4	29"1/8
standard finishes for metal leg and beam	<b><u>metal</u></b> <div>  ZGBI White embossed painted RAL 9010  ZGAS Aluminium embossed painted RAL 9006  ZGNE Black embossed painted RAL 9005 </div>					
special finishes for metal leg and beam	<b><u>metal leg* (special finishes only for leg)</u></b> <div>  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 </div> <div>  ZGB1 LED blue embossed painted RAL 260 40 45  ZGG0 Pebble grey embossed painted RAL 7032  ZGG5 Green grey embossed painted RAL 7009 </div>					
	<b><u>metal beam (beam finish for legs in special finish)</u></b> <div>  ZGAS Aluminium embossed painted RAL 9006 </div>					
top finish	<b><u>melamine</u></b> <div>  MBI White  MWP Pearl white  MTR Dove </div> <div>  MCE Concrete  MOB Light elm  MRO Oak </div> <div>  MNC Walnut  MFN Black ash  MNV Velvet black </div>					

---

### **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

---

### **OPTIONALS**

#### 1. front screen/ lateral screen for central profile

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 rounded edges). The screen is supported by 2 liquid-coated zamak brackets fixed to the lower side of the top. Each bracket is equipped with 2 silicone spacers (1 mm) to compensate for the reduced thickness of the screen. The screen is equipped as standard with a milling on the underside 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". A space of 5/8" remains between screen and desk top for the passage of cables. The front screens are fixed to two clamps. There are two types of clamps: 1) clamps with under-top fixing; 2) clamps with fixing above the central profile. The height reached by the screen is the same in both cases.

Front screen: W. 39" 3/8 / 47" 1/4 / 55" 1/8 / 63" / 70" 7/8 / 78" 3/4 D. 3/4" H. 15" 1/8

Lateral screen: W. 31" 1/2 / 49" 1/4 / 65" 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 liquid-coated zamak brackets fixed to the lower side of the top. The screen is provided with a milling on the upper side, hidden under the upholstery, for the insertion of the accessory bar. The fabric must be torn at the milling in order to insert the profile. The height of the screen from the desk top is 15". A space of 5/8" remains between screen and top for the passage of cables.

The front screens are fixed to two clamps. There are two types of clamps: 1) clamps with under-top fixing; 2) clamps with fixing above the central profile. The height reached by the screen is the same in both cases.

Front screen: W. 39" 3/8 / 47" 1/4 / 55" 1/8 / 63" / 70" 7/8 / 78" 3/4 D. 3/4" H. 15" 1/8

Lateral screen: W. 49" 1/4 / 65" D. 1/4" H. 15" 1/8

glass: made of 6 mm thick tempered glass according to EN12150 with flat edges, acid-etched on both sides. The screen is supported by 2 liquid-coated zamak brackets fixed to the lower side of the top. A space of 5/8" remains between screen and top for cable routing.

W. 39" 3/8 / 47" 1/4 / 55" 1/8 / 63" / 70" 7/8 / 78" 3/4 D. 1/4" H. 15" 1/8

The front screens are fixed to two clamps. There are two types of clamps: 1) clamps with under-top fixing; 2) clamps with fixing above the central profile. The height reached by the screen is the same in both cases.

Front screen: W. 39" 3/8 / 47" 1/4 / 55" 1/8 / 63" / 70" 7/8 / 78" 3/4 D. 1/4" H. 15" 1/8

Lateral screen: W. 31" 1/2 / 49" 1/4 / 65" D. 1/4" H. 15" 1/8

---

#### 2. sound- absorbing screen

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.

W. 39" 3/8 / 47" 1/4 / 55" 1/8 / 63" / 70" 7/8 / 78" 3/4 D. 1" 1/4 H. 15" 1/8

---

#### 3. central profile for screens

extruded profile (D. 1" 3/4 H. 3/4") in anodised aluminium, closed at the ends by a pair of transparent ABS end caps. Fixed to a pair of brackets (W. 15" 3/4 D. 1" 5/8 H. 5/8"), made of 2 mm thick epoxy powder-coated steel sheet, with metric screws and nuts inserted in the corresponding recesses. The profile has an upper groove for the installation of dividing screens. Inside the groove there are slotted through holes for attaching the screens.

---

#### 4. desk pad

1.5 mm thick steel sheet covered in eco-leather.  
W. 31" 1/2 P. 19" 3/4.

---

5. 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".
6. bag/helmet 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.
7. 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".
8. 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.
9. 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.
10. 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".
11. 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".
12. 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.
13. 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.
14. height-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.
15. top access	<u>metal</u> : made of anodised or epoxy powder-coated extruded aluminium with two ABS closing elements. The upper part comprises an anodised or epoxy powder-coated extruded aluminium door and a dust cover profile at the outlet. The door can be hinged open on both sides. Maximum door opening: 90°. W. 12"1/2 D. 4"3/4 H. 1"
16. cable tray	made of 1 mm thick 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.
17. height-adjustable cable tray	made of 1 mm thick epoxy painted steel plate and open on the sides to allow cables to pass from one station to the other. On the lower side, there are 4 holes (Ø 2" 1/8) for routing cables to the ground and other holes 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). Each side is equipped with two sets of slots at a pitch of 5/8" for attaching the supporting brackets and allowing them to be adjusted in height. The support brackets are made of 1.5-mm thick epoxy-powder-coated steel sheet and are attached to the beam's slots. Side end caps, made of 1 mm thick epoxy powder-coated steel sheet, are available on request to be fitted on the tray. Tray - worktop distance: 3" 1/4 ÷ 4" 7/8 (depending on the adjustment) W. 39"3/8 / 47"1/4 / 55"1/8 / 63" / 70"7/8 D. 13" 3/8 H. 27" 9/8

18. 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).
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 2 cm are located in the hollow part for direct attachment to the metal leg. W. 2" D. 1" H. 2
20. 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: VERSATEK - ALUPOWER (please refer to the electrification section for more specifications).

### ABACUS | Bench

2 persons bench

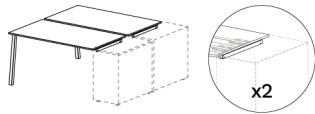


4 persons bench

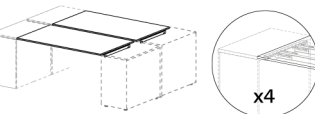


### Hanging bench

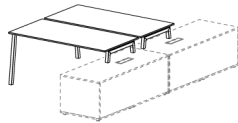
2 persons bench desk for attachment to 2 H. 29"1/8 cabinets



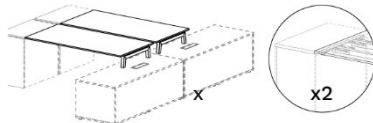
2 persons bench desk for attachment to 4 H. 29"1/8 cabinets



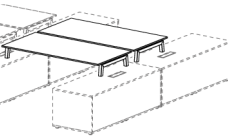
2 persons bench desk for attachment to 2 cabinets  
Only for depth 65"



2 persons bench desk for attachment to 2 H. 29"1/8 cabinets and 2 supporting service units  
Only for depth 65"



2 persons bench desk for 4 supporting service units  
Only for depth 65"

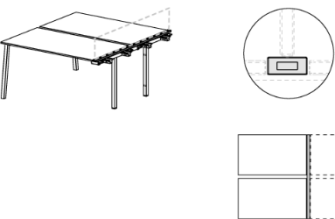


### Bench for composition INITIAL

2 persons initial bench



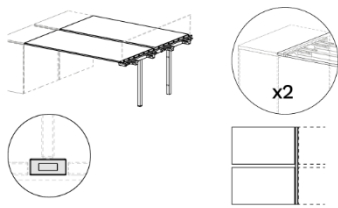
2 persons initial bench desk with profile for side screen



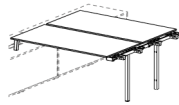
2 persons initial bench desk for attachment to 2 H. 29"1/8 cabinets



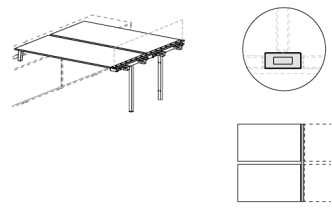
2 persons initial bench desk with profile for side screen and support for attachment to 2 H. 29"1/8 cabinets



2 persons initial bench desk for 2 supporting service units



2 persons bench desk with profile for side screen for 2 supporting service units

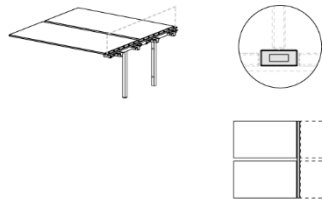


### INTERMEDIATE

2 persons intermediate bench



2 persons intermediate bench desk with profile for side screen



### ENDING

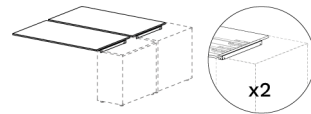
2 persons ending bench



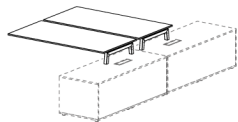
1 person ending desk



2 persons ending bench with attachment to 2 H. 29"1/8 cabinets



2 persons ending bench for 2 supporting service units

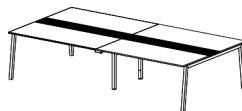


### MODULE WITH TILTING COVER

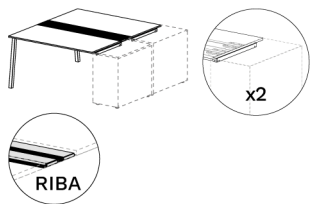
2 persons bench



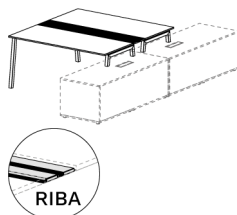
4 persons bench



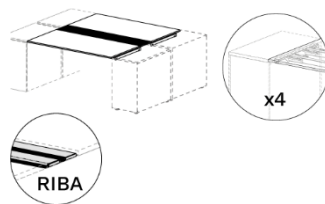
2 persons bench desk for attachment to 2 H. 29"1/8 cabinets



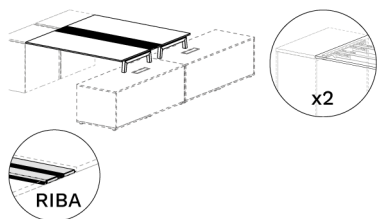
2 persons bench desk for 2 supporting service units



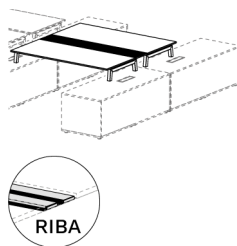
2 persons bench desk for attachment to 4 H. 29"1/8 cabinets



2 persons bench desk for attachment to 2 H. 29"1/8 cabinets and 2 supporting service units

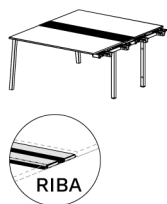


2 persons bench desk for 4 supporting service units

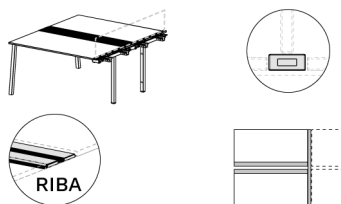


### Bench for composition INITIAL

2 persons initial bench



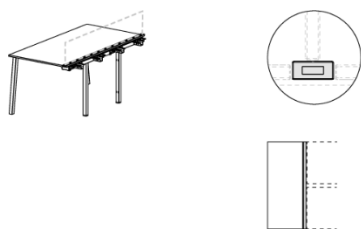
2 persons initial bench desk with profile for side screen



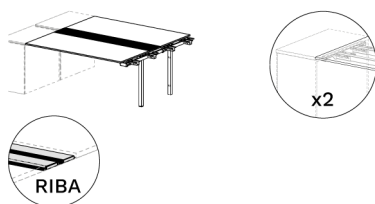
1 person initial desk



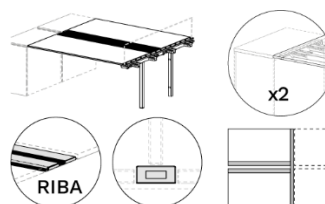
1 person initial desk with profile for screen



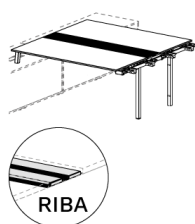
2 persons initial bench desk for attachment to 2 H. 29"1/8 cabinets



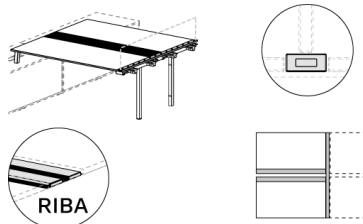
2 persons initial bench desk with profile for side screen and support for attachment to 2 H. 29"1/8 cabinets



2 persons initial bench for 2 supporting service units



2 persons bench desk with profile for side screen for 2 supporting service units



## INTERMEDIATE

2 persons intermediate bench



2 persons intermediate bench desk  
with profile for side screen



## ENDING

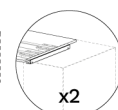
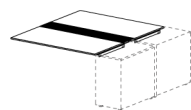
2 persons ending bench



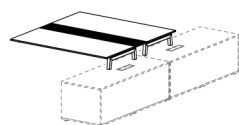
1 person ending desk



2 persons ending bench with  
attachment to 2 H. 29"1/8 cabinets

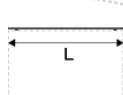
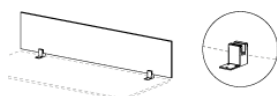


2 persons ending bench for 2  
supporting service units

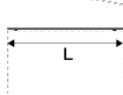
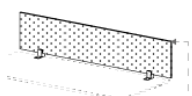


## ABACUS | OPTIONALS

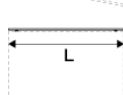
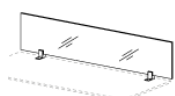
1. front screen



melamine

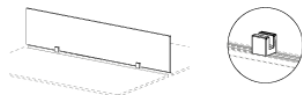


fabric

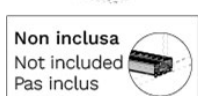
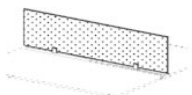


glass

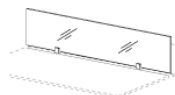
front screen for central profile



melamine

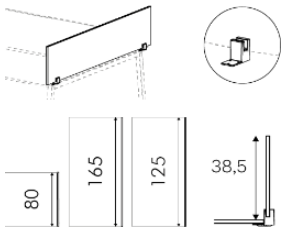


fabric

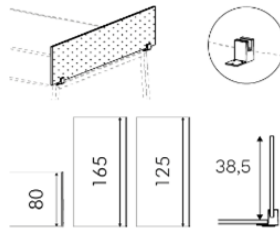


glass

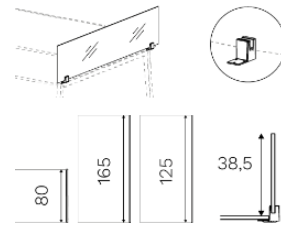
lateral screens



melamine

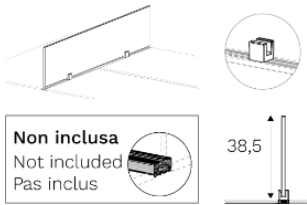


fabric

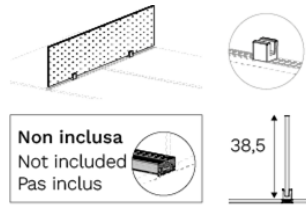


glass

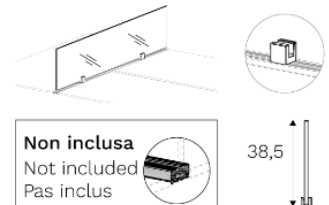
lateral screens for central profile



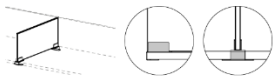
melamine



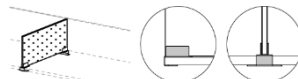
fabric



glass



melamine W. 31 1/2

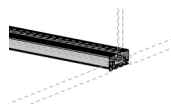
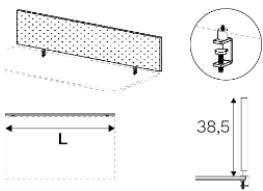


fabric W. 31 1/2

2. sound-absorbing screen

3. central profile

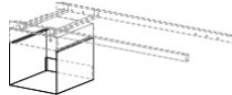
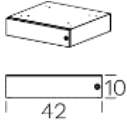
4. hand pad



5. hanging tray

6. bag/helmet holder

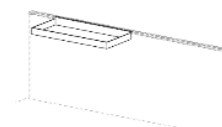
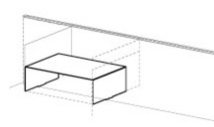
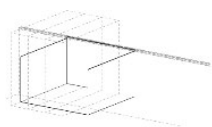
7. accessory bar



8. document holder

9. shelf for document holder

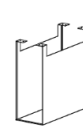
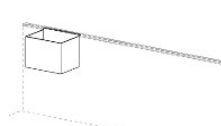
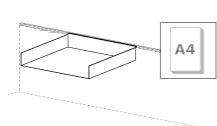
10. stationary tray



11. A4 paper tray

12. object holder

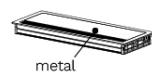
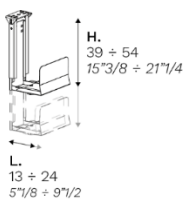
13. CPU holder



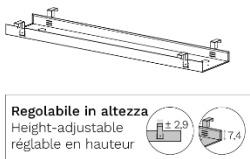
14. height-adjustable CPU holder

15. top access

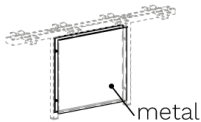
16. cable tray



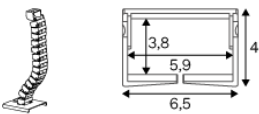
17. height-adjustable cable tray



20. removable carter  
(for intermediate leg)



18. vertical cable duct



19. carter for vertical cable management

