

POP SQUARE

Bench

FREZZA



TECHNICAL DATA

structure

leg: consisting of an upper beam, a lower beam and two side 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 of a 2 mm thick single 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. Four U-shaped brackets, made from 2 mm thick steel sheet, are welded to the leg beam and serve as attachment points for the desk beams. The leg is equipped with 3 feet (Ø 1" 1/8) made of polyethylene coated steel that allow +10 mm adjustment for levelling. All metal parts are epoxy powder coated.

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 benches 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. Each bracket is equipped with a double fixing position for the beams so that tops can be mounted adjacent or detached. 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/m³, 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.

melamine with tilting cover (RIBA): made of 18 mm thick chipboard (density 720 kg/m³, 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 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 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.

H. from the floor 29" 1/8.

central cover

in 1.2 mm thick epoxy powder-coated steel plate. The cover attaches to a pair of plates (W. 6" 1/8 D. 1" 1/8) in 1.5 mm thick steel plate fixed under the worktop with metric screws. W. variable D. 1" 1/8 H. 3/4"

free-standing bench modules dimensions	W	D	H	W	D	H
	39"3/8	49" 1/4	29"1/8	47"1/4	65"	29"1/8
	47"1/4	49" 1/4	29"1/8	55"1/8	65"	29"1/8
	55"1/8	49" 1/4	29"1/8	63"	65"	29"1/8
	63"	49" 1/4	29"1/8	70"7/8	65"	29"1/8
	70"7/8	49" 1/4	29"1/8	78"3/4	65"	29"1/8

bench modules dimensions: starting, intermediate and final	W	D	H	W	D	H
	39"3/8	49" 1/4	29"1/8	47"1/4	65"	29"1/8
	47"1/4	49" 1/4	29"1/8	55"1/8	65"	29"1/8
	55"1/8	49" 1/4	29"1/8	63"	65"	29"1/8
	63"	49" 1/4	29"1/8	70"7/8	65"	29"1/8
	70"7/8	49" 1/4	29"1/8	78"3/4	65"	29"1/8

RIBA free-standing bench modules dimensions	W	D	H	W	D	H
	47"1/4	65"	29"1/8	94"1/2	65"	29"1/8
	55"1/8	65"	29"1/8	110"1/4	65"	29"1/8
	63"	65"	29"1/8	126"	65"	29"1/8
	70"7/8	65"	29"1/8	141"3/4	65"	29"1/8
	78"3/4	65"	29"1/8	157"1/2	65"	29"1/8

RIBA bench modules: starting, intermediate and final	W	D	H
	47"1/4	65"	29"1/8
	55"1/8	65"	29"1/8
	63"	65"	29"1/8
	70"7/8	65"	29"1/8
	78"3/4	65"	29"1/8

standard finishes for metal leg and beam

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	<u>metal leg* (special finishes only for leg)</u>		
	 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
	<u>metal beam (beam finish for legs in special finish)</u>		
	 ZGAS Aluminium embossed painted RAL 9006		
top finish	<u>melamine</u>		
	 MBI White	 MWP Pearl white	 MTR Dove
	 MCE Concrete	 MOB Light elm	 MRO Oak
	 MNC Walnut	 MFN Black ash	 MNV Velvet black
	<u>melamine with colour-contrasting edge</u>		
	 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	
OPTIONAL			
1. front screen/ Lateral screen/ for central profile	<u>melamine</u> : 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 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		
	<u>fabric</u> : 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 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 toughened glass in accordance with EN12150 with flat polished edges, etched on both sides. A space of 15 mm remains between the screen and the top for cable routing. The front screens are fixed to two clamps. There are two types of clamps for fastening the screen: 1) clamps with under-top fastening; 2) clamps with fastening 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

Side 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 ³), 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. hand 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 / 7" 7/8 D. 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 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.
15. 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 both sides. Maximum door opening: 90°. W. 12" 1/2 D. 4" 3/4 H. 1"
16. cable tray	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.
17. height-adjustable cable tray	made of 1 mm thick steel sheet painted with epoxy powders with an embossed finish and open on the sides to allow cable routing to adjacent locations. On the underside there are 4 holes (Ø 2" 1/8) for grounding the cables 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 supporting brackets are made of 1.5-mm-thick epoxy-powder-coated steel plate and are attached to the beam's slots. Side end caps, made of 1 mm thick epoxy powder-coated steel sheet with an embossed finish, are available on request and can be attached to the tray. Tray - top distance: 3" 1/4 to 4" 7/8 (depending on the setting) 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 3/4" are located in the hollow part for direct attachment to the metal leg. W. 2" D. 1" H. 22"
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.
21. central cover	in 1.2 mm thick epoxy powder-coated steel plate. The cover hooks onto a pair of 1.5 mm thick sheet steel plates (W. 6" 1/8 D. 1" 1/8) fixed under the top with metric screws. W. 39" 3/8 / 47" 1/4 / 55" 1/8 / 63" / 70" 7/8 / 78" 3/4 D. 1" 1/8 H. 3/4"
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

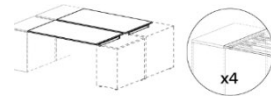
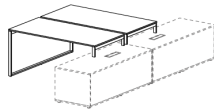
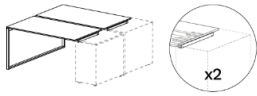


hanging bench

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

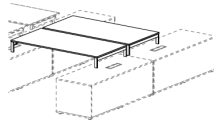
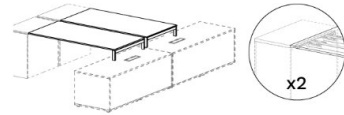
2 persons bench with attachment to
2 supporting service units

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



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

2 persons bench with attachment to
4 supporting service units



bench for compositions INITIAL

2 persons initial bench



2 persons initial bench with profile for
lateral screen



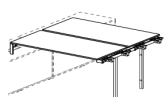
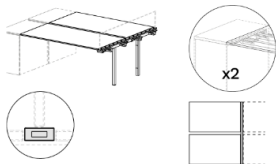
2 persons initial bench with
attachment to 2 H. 29" 1/8 cabinets



2 persons initial bench with profile for
lateral screen with attachment to
2 H. 29" 1/8 cabinets

2 persons initial bench with
attachment to 2 service units

2 persons initial bench with profile
for lateral screen with attachment to
2 service units



INTERMEDIATE

2 persons intermediate bench



2 persons intermediate bench with
profile for lateral screen

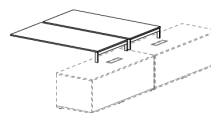
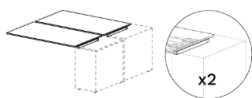


ENDING

2 persons ending bench

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

2-seater ending bench with
attachment to 2 service units



BENCH WITH RIBA (tilting cover)

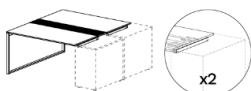
2 persons bench



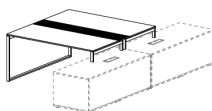
4 persons bench



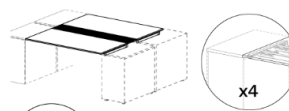
2 persons bench with attachment to 2 H. 29" 1/8 cabinets



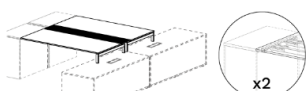
2 persons bench with attachment to 2 supporting service units



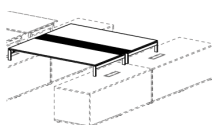
2 persons bench with attachment to 4 H. 29" 1/8 cabinets



Bench 2 posti per aggancio a 2 mobili H. 29" 1/8 e 2 mobili di servizio portanti



Bench 2 posti per 4 mobili di servizio portanti



Bench for composition – RIBA (tilting cover) INITIAL

2 persons initial bench



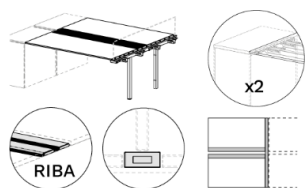
2 persons initial bench with profile for lateral screen



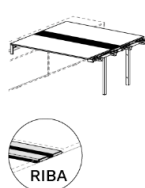
2 persons initial bench with attachment to 2 H. 29" 1/8 cabinets



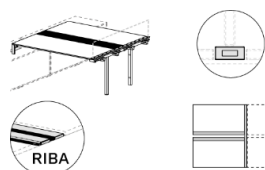
2 persons initial bench with profile for lateral screen with attachment to 2 H. 29" 1/8 cabinets



2 persons initial bench with attachment to 2 supporting service units



2 persons initial bench with profile for lateral screen with attachment to 2 supporting service units

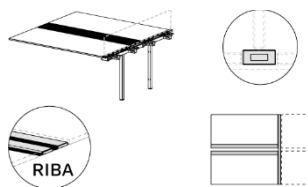


INTERMEDIATE

2 persons intermediate bench

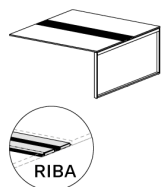


2 persons intermediate bench with profile for lateral screen

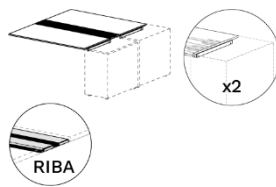


ENDING

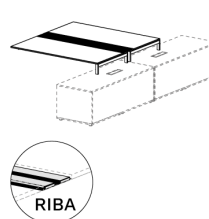
2 persons ending bench



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

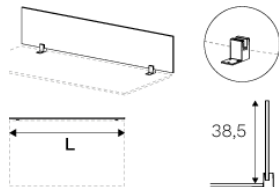


2 persons ending bench with attachment to 2 supporting service units



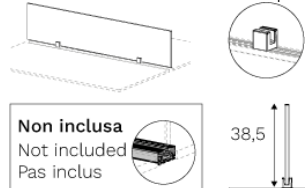
ABACUS | OPTIONALS

1. front screen

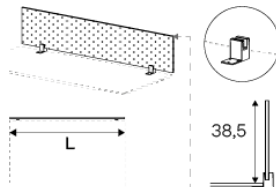


melamine

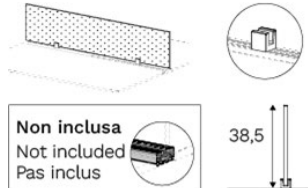
front screen for central profile



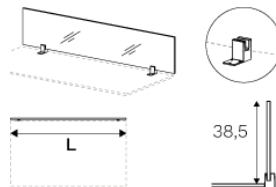
Non inclusa
Not included
Pas inclus



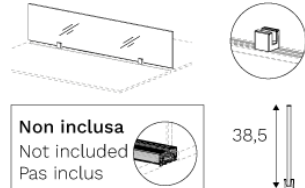
fabric



Non inclusa
Not included
Pas inclus



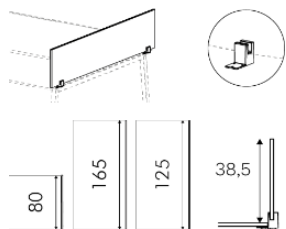
glass



Non inclusa
Not included
Pas inclus

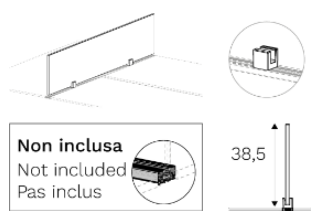
melamine

lateral screens

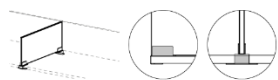


melamine

lateral screen for central profile

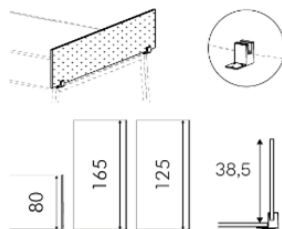


melamine

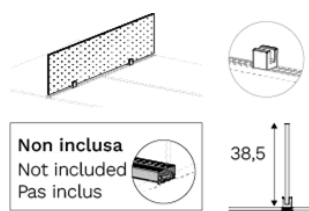


melamine D. 31" 1/2

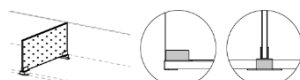
fabric



fabric

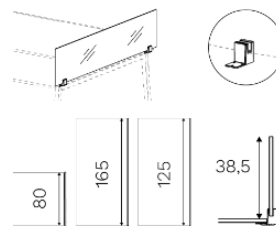


fabric

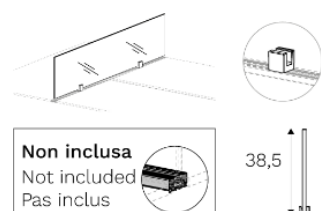


fabric D. 31" 1/2

glass

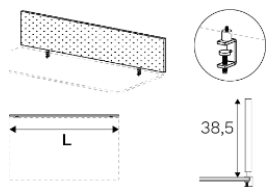


glass

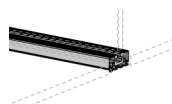


glass

2. sound-absorbing screen



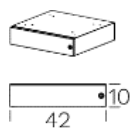
3. central profile



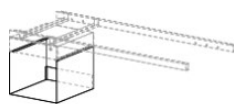
4. desk pad



5. hanging drawer



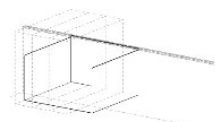
6. helmet/bag holder



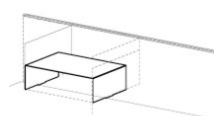
7. accessory bar



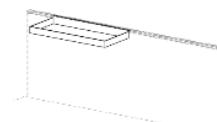
8. document holder



9. document holder shelf



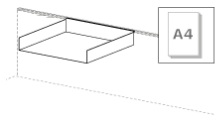
10. stationary tray



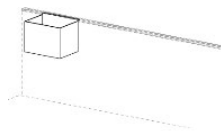
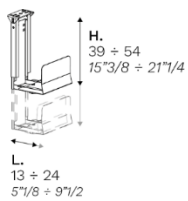
11. A4 paper tray

12. objects tray

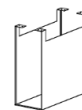
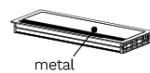
13. CPU holder



14. height-adjustable CPU holder



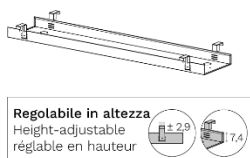
15. top access



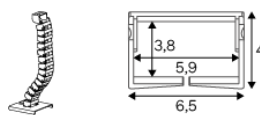
16. cable tray



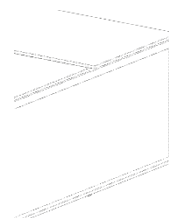
17. height-adjustable cable tray



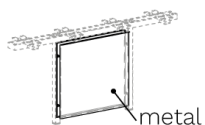
18. vertical cable duct



19. carter for vertical cable management



20. removable carter (for intermediate leg)



21. central cover

