



TECHNICAL DATA

structure

leg: made of a 1.5 mm thick single square-section steel bar (W. 1" 3/4 D. 1" 3/4) with rounded edges, cut, bent and welded to form 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 powder-coated with an embossed finish. Inside the upright, on the lower side, a 4 mm thick steel plate is welded with a central hole for 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 bars (W. 1" 3/4 D. 1" 3/4) with rounded edges, attached to the leg brackets. All metal parts are powder coated with an embossed finish.

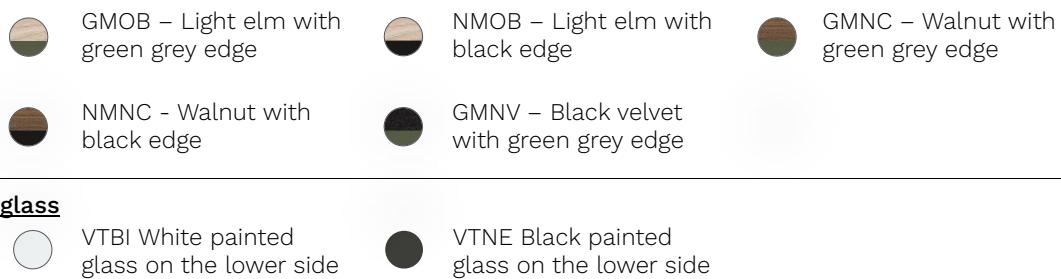
intermediate leg (for connecting several desks in line with each other): consisting of a steel section bar beam with a 2,5 mm thick 80x40 rectangular cross-section with rounded edges, closed at the ends by plastic caps, under which 2 uprights are screwed by means of a 4 mm thick steel plate, made of 1.5 mm thick square-section steel bars (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 beam, 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/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 5,5 mm gap between the top and leg beam. 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, for fixing it to the structure.

melamine top desk dimensions	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			
	70"7/8	31"1/2	29"1/8	70"7/8	23"5/8	29"1/8			
glass top desk dimensions	78"3/4	31"1/2	29"1/8						
	W	D	H						
	70"7/8	31"1/2	29"1/8						
Initial/ending desk for composition dimensions	78"3/4	31"1/2	29"1/8						
	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			
Intermediate desk for composition dimensions	70"7/8	31"1/2	29"1/8	70"7/8	23"5/8	29"1/8			
	78"3/4	31"1/2	29"1/8						
	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			
standard finishes for metal leg and beam	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			
	78"3/4	31"1/2	29"1/8						
	metal								
	 ZGB1 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)								
	 ZGVO Maize yellow embossed painted RAL 1006	 ZGRO Titian red embossed painted RAL 050 50 60	 ZGBO 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						



OPTIONALS

1. front screen	<p><u>melamine</u>: 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, edged with ABS (2-mm thick with radiused edges). The screen is supported by 2 liquid-painted zamak clamps 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</p> <p><u>fabric</u>: made of 18 mm thick fabric-covered chipboard (density 720 kg/m³, formaldehyde emission compliant with EU Regulation 2023/1464 and EPA TSCA Title VI). The screen is supported by 2 liquid-painted zamak clamps 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</p> <p><u>glass</u>: 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 clamps attached to the lower side of the top. Each clamps 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</p> <p><u>sound-absorbing</u>: 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. Fixed to the top by means on clamps.</p>
2. lateral screen	<p><u>melamine</u>: 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, edged with ABS (2 mm thick with radiused edges). The screen is supported by 2 zamak clamps, painted and attached to the lower side of the top by means of a 4-mm thick powder-coated steel plate. The height of the screen from the worktop is 15" 1/8.</p> <p>W. 31" 1/2 D. 3/4" H. 15" 1/8</p> <p><u>fabric</u>: made of 18-mm-thick chipboard (density 720 kg/m³, 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 clamps, fixed on the lower side of the top by means of a 4-mm thick powder-coated steel plate. The height of the screen from the worktop is 15" 1/8.</p> <p>W. 31" 1/2 D. 3/4" H. 15" 1/8</p> <p><u>glass</u>: 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 clamps attached to the lower side of the top. The height of the screen from the worktop is 15" 1/8.</p> <p>W. 31" 1/2 D. 1/4" H. 15" 1/8.</p>
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, 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 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 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 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/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 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/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 radiused edges). The modesty panel has 80 mm rounded corners. The modesty panel is equipped with sockets for attaching brackets made of 1.5 mm thick steel sheet, which are powder coated with an embossed finish. The bracket is hung to the rear beam by means of a U-shaped hook. 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 720 kg/m ³ , formaldehyde emission compliant with EU Regulation 2023/1464 and EPA TSCA Title VI), covered with fabric. The modesty panel has 80 mm rounded corners. The modesty panel is equipped with sockets for attaching brackets made of 1.5 mm thick powder-coated sheet steel. The bracket is hung to the rear beam by means of a U-shaped hook. 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 powders in an embossed finish. The drawer slides on damped ball bearing 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". Maximum load capacity is 17,6 lbs. W. 16" 1/2 D. 14"3/4 H. 12" 5/8.
14. top access	<u>metal</u> : made of powder-coated aluminium with two self-extinguishing thermopolymer closing elements. The upper part features a powder-coated aluminium door and a dust cover profile. The door can be hinged open on one side only. W. 12" 1/2 D. 4" 3/4 H. 1"
15. cable tray for top access	made of 1 mm thick U-shaped powder-coated steel sheet. The tray interlocks with the top access frame. Fitted with holes on the lower side that can be used for attaching multiple-plug sockets (by means of screws or clamps, not included) or for earthing (by screwing the cable lug for earthing with screw and bolt, not included). W. 11"3/8 D. 3"3/4 H. 3"7/8.

16. cable tray	made of 1 mm thick steel sheet 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 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 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 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". The maximum load capacity is 66 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 mm thick folded 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 wood screws).
22. removable carter (for intermediate leg)	made of 1 mm thick powder-coated steel plate and fitted with supports 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 – VERSALIFT –LID FOR CABLE OUTLET - MULTISOCKET (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

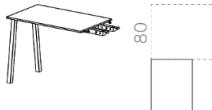


Desk D. 35" 3/8
Desk - Top with rounded edges

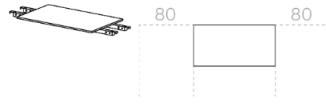


Return top

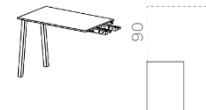
Hanging return top for desk
D. 31" 1/2



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

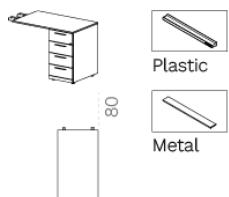


Hanging return top for desk
D. 35" 3/8

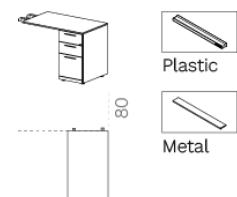


Return tops with cabinets

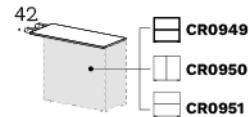
Hanging return top with 4-drawer pedestal for desk D. 31" 1/2



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



Return tops for desk-height cabinets

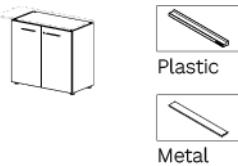


Return tops configurations for desk-height cabinets

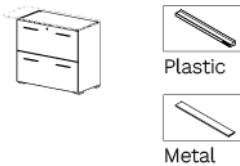
Open cabinets



2 door cabinets



Cabinet with 2 filing drawers

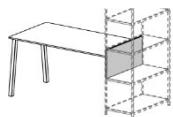


Hanging desk and units

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



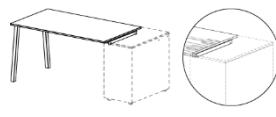
Desk with support for fixing to Phylo bookcase W. 31" 1/2 - D. 31" 1/2



Hanging desk – Glass top 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

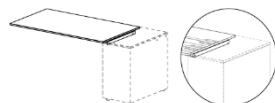


ENDING

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

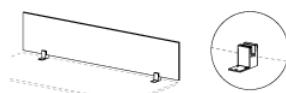
Ending desk for attachment to H. 29"1/8 cabinet - D. 31" 1/2 / 23" 5/8

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

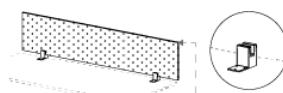


ABACUS | Optionals

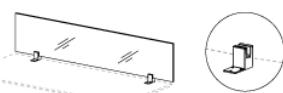
1. Front screens



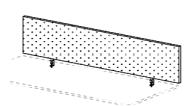
melamine



fabric



glass



Sound-absorbing

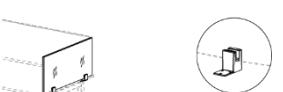
2. Lateral screens



melamine



fabric

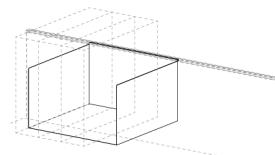


glass

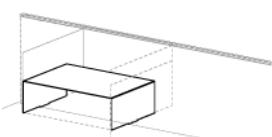
3. Accessory bar for melamine/fabric screens



4. Document holder



5. Shelf for document holder



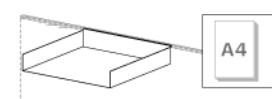
6. Stationary tray



7. Objects tray



8. A4 paper tray



9. Modesty panel



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



melamine



fabric

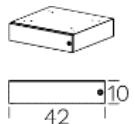
11. eco-leather desk pad

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

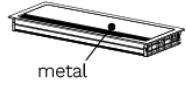
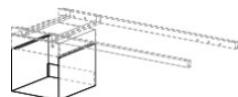
13. bag/helmet holder



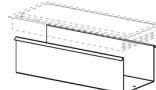
14. top access



15. cable tray for top access



16. cable tray



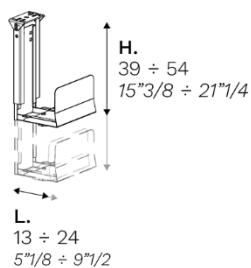
17. inspectable cable tray



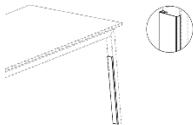
18. CPU holder



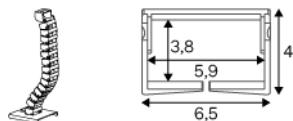
19. height and width adjustable CPU holder



20. carter for vertical cable management



21. vertical cable duct



22. pair of removable carters (for intermediate leg)

