

dynamobel

TEC PRODUCT MANUAL

INDEX

1. CONCEPT

2. ERGONOMICS

3. DESCRIPTION AND TECHNICAL CHARACTERISTICS

3.1 MATERIALS

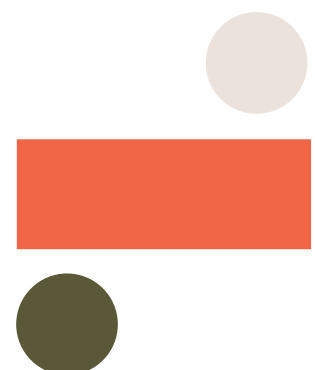
3.2 OPTIONS

3.3 PROFILE COMPLEMENTS

4. FEATURES

5. MEETING TABLE

6. RANGE



1. CONCEPT

Tec is an open system with great capacity for adaptation to work station diversity. It allows different configurations by combining different elements, permitting both individual and group work, promoting communication and concentration.

It demonstrates the great versatility with which different technical solutions have been developed in order to meet different organizational and functional needs.

Its modern design respects current aesthetic canons, predominated by simplicity, straight lines and minimalism.



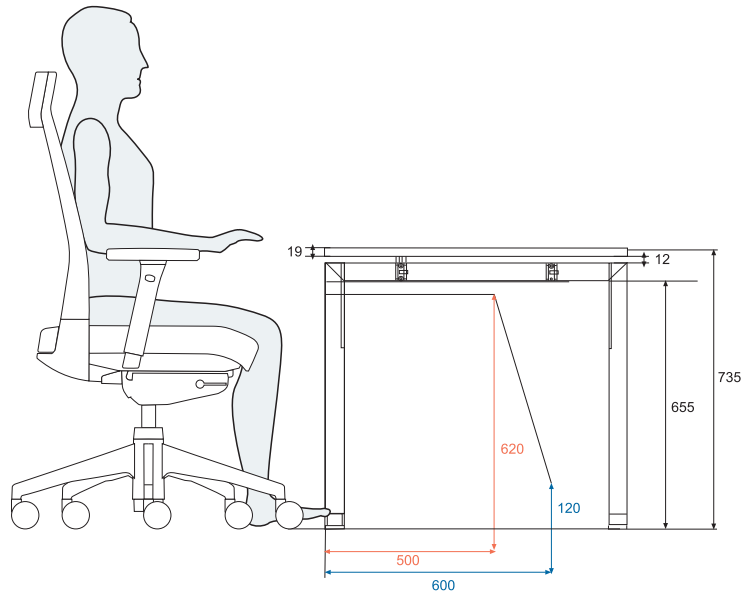
2. ERGONOMICS

The Tec program is designed according to European standards (EN 527-1, EN 527-2, EN 527-3).

Its height dimensions are adapted to current work station needs.

The Tec design prevents users from hurting themselves, and at the same time, permits all elements to be put in place without interfering with the users' movements.

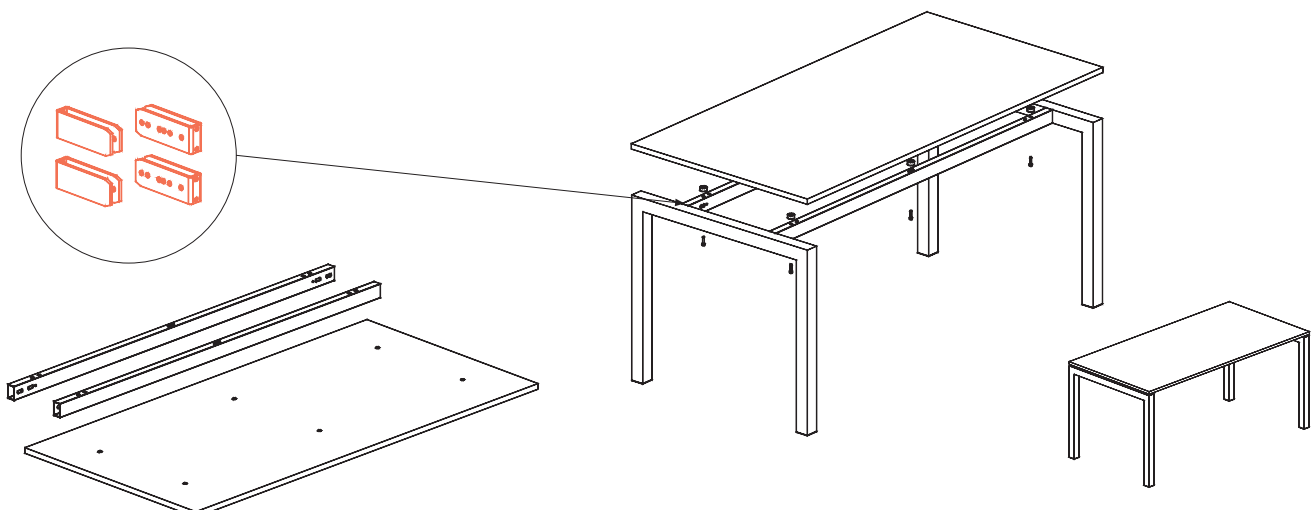
Likewise, the parts of the table that are in contact with the user are designed to minimize any sort of lesion or injury. For this reason, the edges, sides and corners are rounded and a safety distance is maintained between accessible moveable parts.



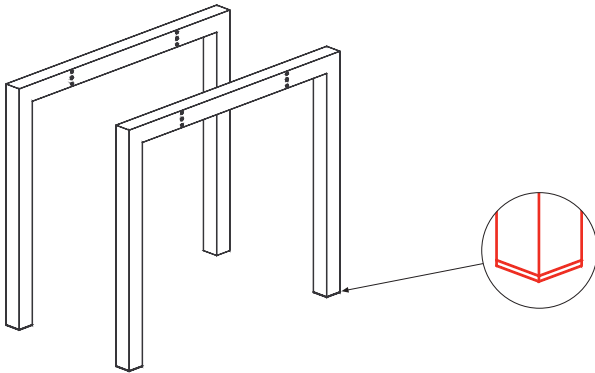
3. DESCRIPTION AND TECHNICAL CHARACTERISTICS:

3.1 Materials

The low table top **structure** is formed by two 50*30 metal profiles made from cold-laminated steel, with a thickness of 1.5, as specified in DIN 2395. These cross members are bolted onto the leg by means of "U"-shaped pieces. They are built in a way that permits the leg to be placed in different positions (at the beginning or in the middle), using the same profile for each different solution.



50x50 Square profile **legs** (in an open or closed frame model), have a number 2 thickness, as specified in DIN 2395. They are equipped with slide-proof levelers on the bottom that **extend up to 20 mm** in order to compensate for uneven floors.

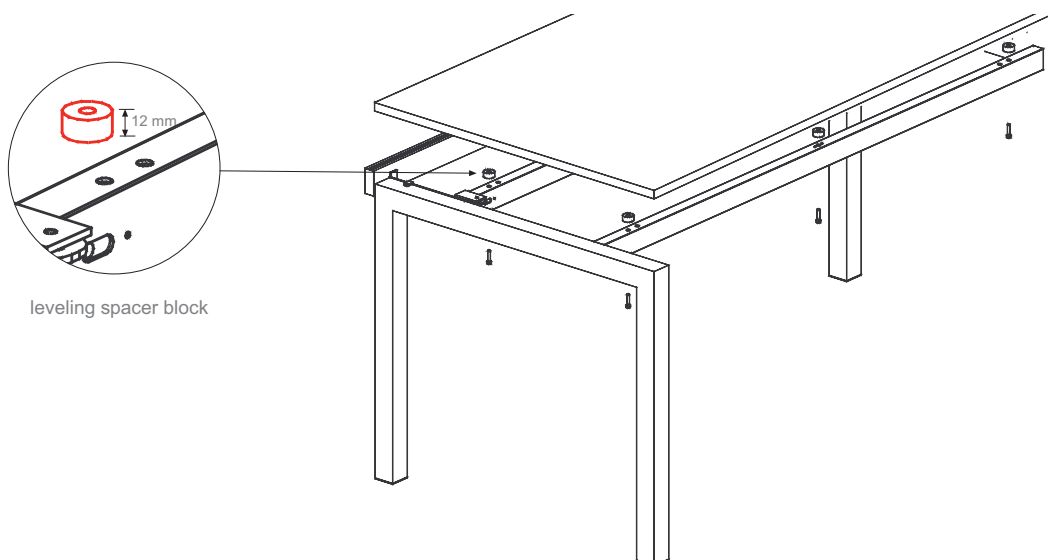


The paint over the entire structure receives a pre-treatment consisting in degreasing, washing and phosphating, followed by a coat of epoxy powder and a final polymerization process. This powder covering complies with the current regulation UNE 23827-90, regarding reaction to fire.

The table top is manufactured in 20mm-thick wood particle board, bonded with synthetic resins and specially designed for applications that require high flexion resistance. With medium density 660/635 Kg/m³, as specified in standard EN 323.

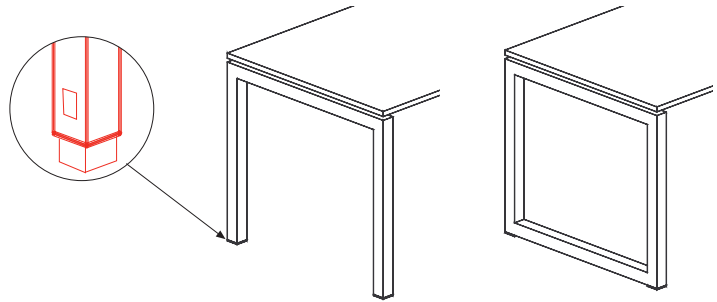
Finished in high-pressure laminate (HPL) on the top side, which is 0.8 mm thick, as indicated in the standard UNE 53173-92, and BM80 backing on the bottom. The 2mm PVC edge conforms with standard UNE 56.843:01

The frame is joined to the table top by a size 6 metric screw and a **leveling spacer block** that permits quickly compensating the level of the horizontal work space.



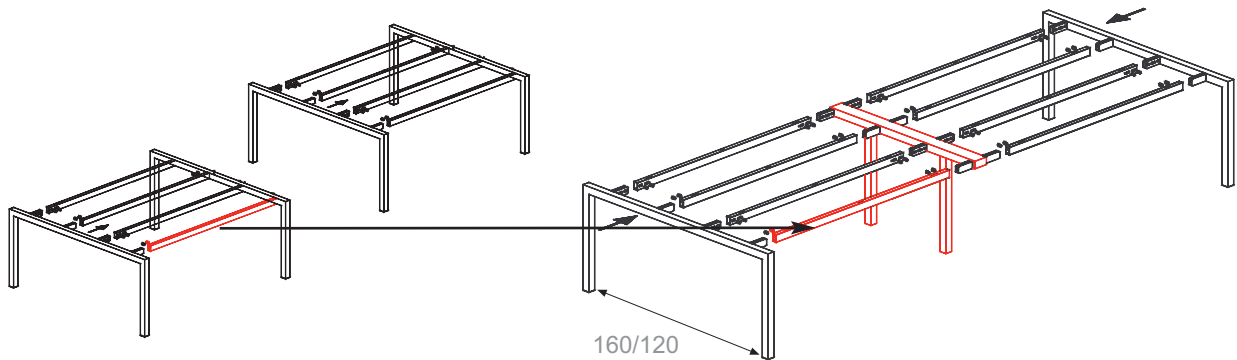
3.2 Options

As a system of independent tables, Tec consists of a frame and 2 gantries or legs available in either open or closed options; in both cases they are also available with optional **screw-adjustable height** (680/760 mm) every 20 mm.

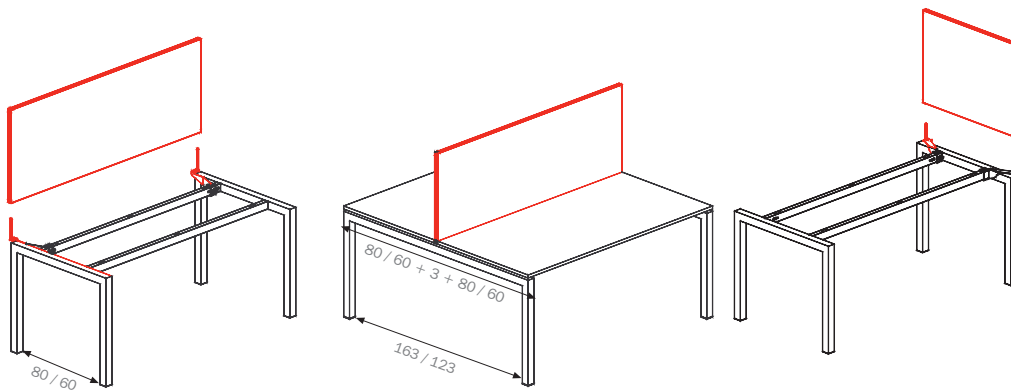


As a system of shared stations, the frames are independent, while the legs are shared on both the front and the sides. The joined side legs, in other words, the intermediate legs, are at the same time recessed to permit a better traffic flow between the stations.

We use the same frame for individual and shared station solutions. The only change we must make is to the legs.



Tec 1 may be used with the **Nexus 27** panel for both individual and shared work stations. We need to keep in mind that when the work stations are shared facing each other, the double legs we need to integrate this panel are $1200+30$ (if a 600 series frame) and $1600+30$ (if an 800 series frame), since the Nexus 27 requires 30 of space between the tables. This is not the case when we place them side by side, since the frame permits extending them 30 mm.

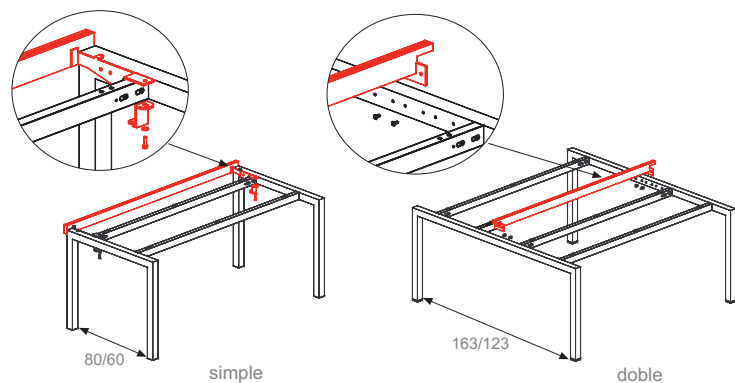


Take note of the fittings used with the different versions of:

- Side table connection
- Side connection to a table + leaf (left/right)
- Side connection to a compact table (left/right)

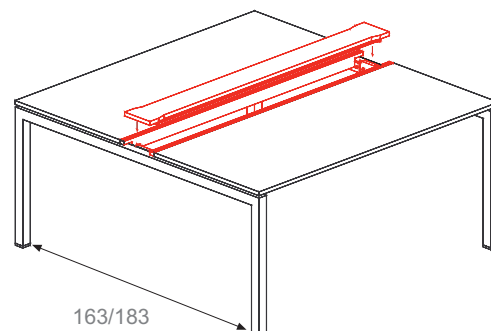
The version **Tec 2** includes a longitudinal profile made from S235JR cold-laminated steel that is fastened on the side to the legs by a sheet metal screw (on face-to-face tables) and to the table profiles (for single tables).

This profile lets us incorporate various elements that will add functional and aesthetic value to the work station.

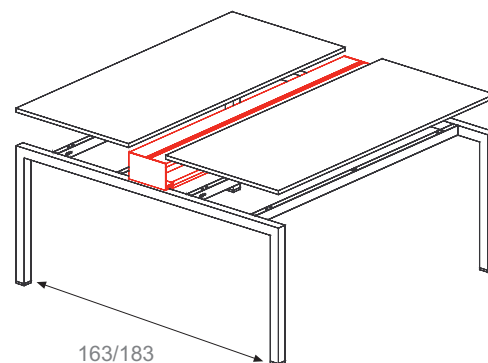


Version **Tec 3.1** includes two longitudinal profiles made from S235JR cold-laminated steel that are fastened on the sides to the legs by sheet metal screws.

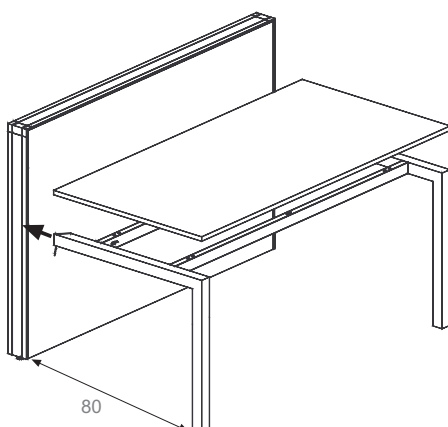
These profiles, like those in Tec 2, allow us to incorporate various elements that add functional and aesthetic value to the work station.



The **Tec 3.2** version has a raised drawer made from 1.2 mm -thick DC01 steel, as specified in UNE-EN 10130, where it is integrated into the profile. This assembly is fastened on the side to the legs, using 4 sheet metal screws. It allows dividing the horizontal work space.

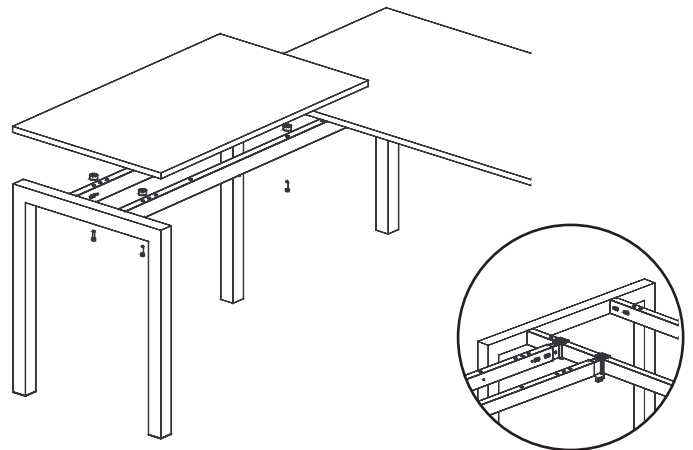


In the **Tec 5** version, the table is no longer an independent part, rather it forms part of the free-standing Nexus 100 or 50 panel. In this case, the table may be positioned in front of or beside the panel (page 28 of the Tec rates, where the configuration selection includes the necessary legs and fittings).

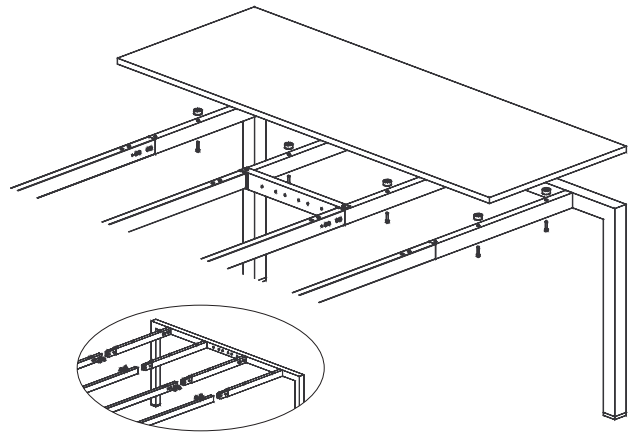


There is a range of **Tec table leaves** of different measurements that are placed at the same height as the table, as elements that increase the horizontal work surface. Their characteristics and options are the same as those for the tables.

Their assembly is quick and easy, using clamps that fasten then under the table to the profiles.



The extension table is placed at the end of tables with a maximum width of 180cm.



3.3 Profile complements

All profile complements are available for after-sales ordering and assembly. Their installation is quick and easy. They need no preestablished fastening point.

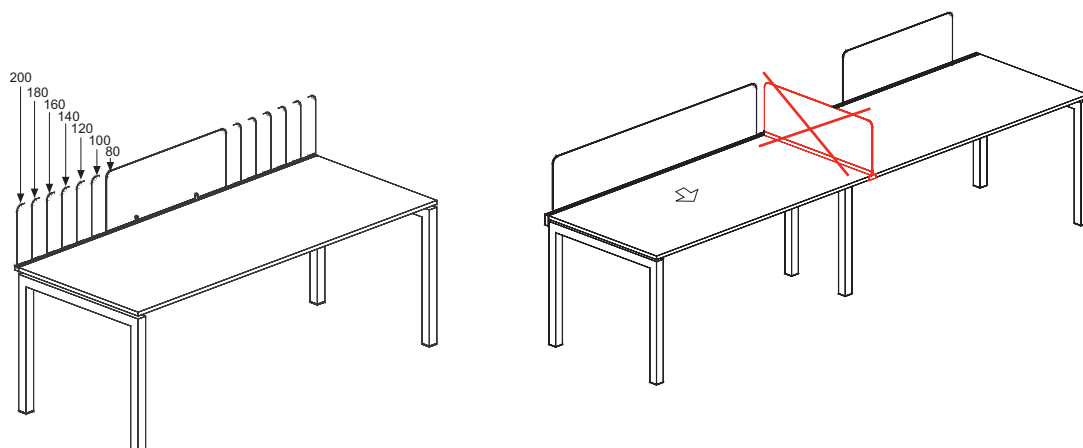
Front panels are manufactured in Plexiglass in optional widths and 300 mm heights, with sides that measure 60 and 80 deep, and 30 high. To install the side panel, we need the table profile to be partially free, since there are 2 fastening points, one on the profile and one on the end of the table (the user's side).

ATTENTION: the side panel may not be used on movable tables.

Technical panels of optional widths and heights of 300 mm.

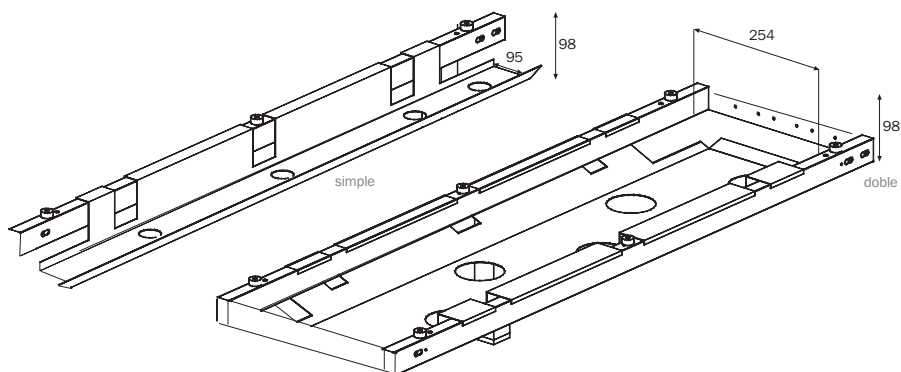
Flat screen support

Fixtures



4 FEATURES

In spite of its simplicity, the table may also be equipped with a wide range of functional options. The table may be used to accommodate the entire technical and equipment installation through its different horizontal (single or double) and vertical electrical conduits.



The horizontal conduit is very open, which facilitates the wiring installation after the table is assembled. Its wide space allows very large equipment chassis to be placed on it. It is an hanging element that needs no tools whatsoever for its installation, and it may be positioned both on the front of the table or in the middle, making it easier to receive visitors.

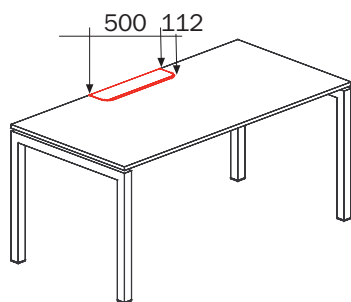
The horizontal electrical conduit is easy and quick to access from the table top surface, by means of:

a folding front cover: that accesses the electrical conduit directly.

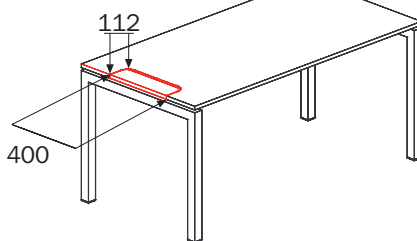
a side cover that includes a tray for device chassis.

or by **moving the table top**, which provides us total access. In the 60 series, it can be moved 116 mm, and in the 80 series, 160 mm.

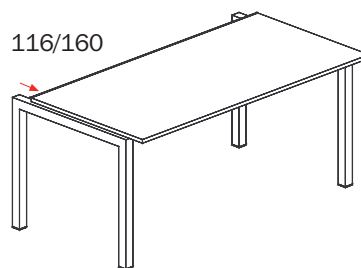
With any of the options, we include a brush on the end to permit the cables to come out, but obstructing the view of the inside of the conduit, where the cables are.



Flip up cover

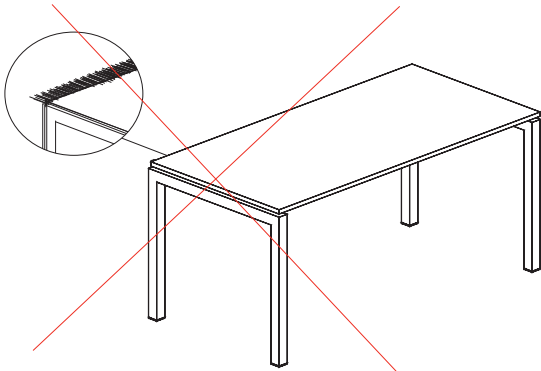


Lelt side flip up cover

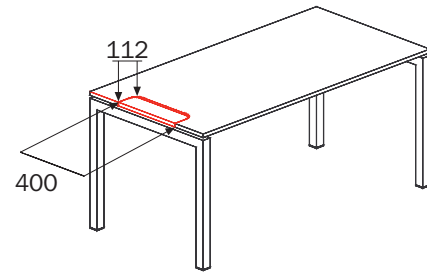


sliding top

NOT RECOMMENDED: The moveable table top for individual tables, which would place the brush and the cables that access the table top surface on the visitor's side.

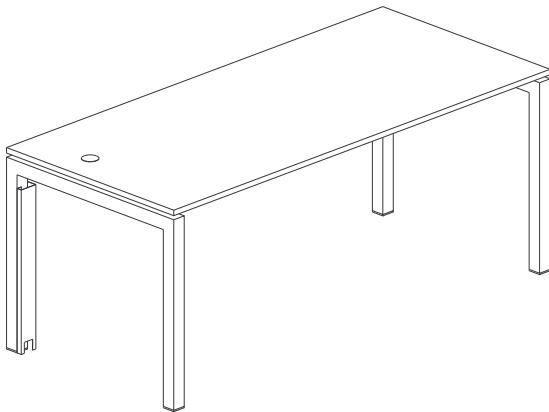


RECOMMENDED: For independent work stations, the best option is to provide access to the plug box using the folding side cover with a tray, since it does not require the use of a horizontal electrical conduit. The table also has a cleaner, more functional appearance.

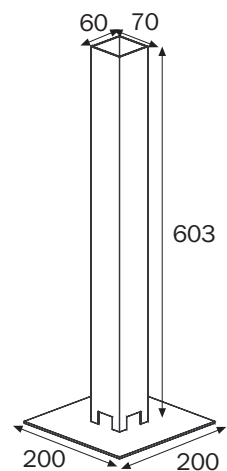


Lelt side flip up cover

The option of different **cable ducts** makes it easier to run the wiring to the work surface.

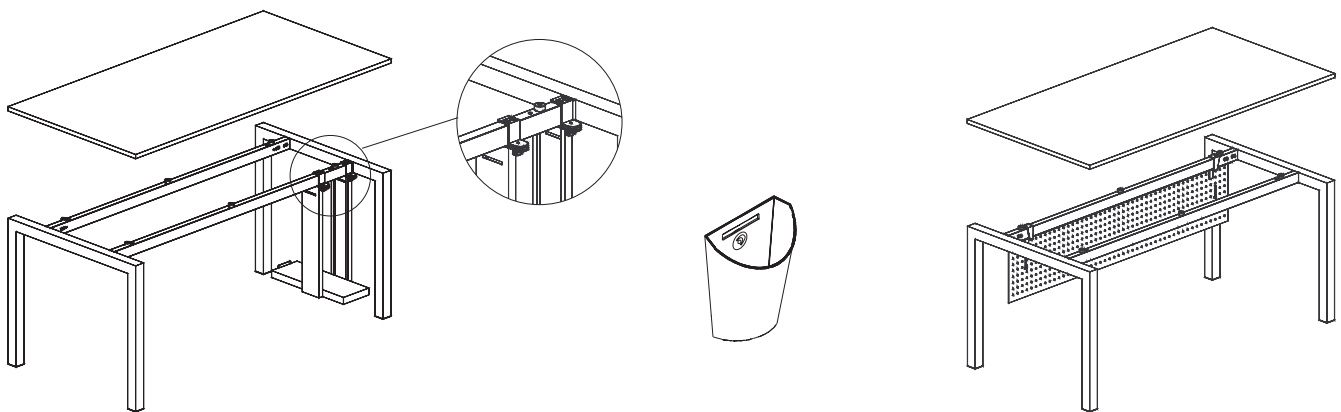


With regards to running the cables from the floor to the table, this may be done through an electrical conduit attached by a magnet to the leg (the leg does not need to be specially prepared for this element), or through an independent large-capacity tower for group work stations.



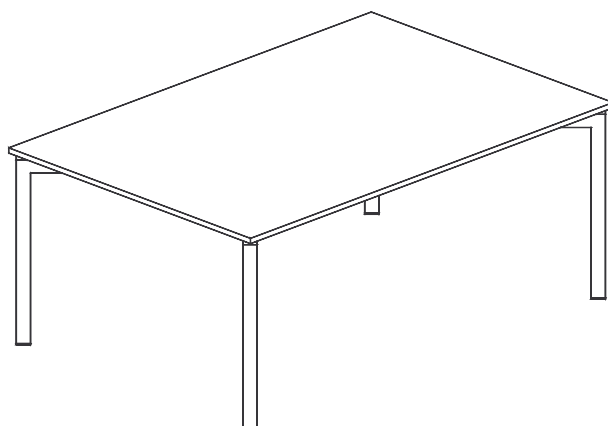
Different elements may be installed on the table to add to its functionality as well as its capacity. These elements are always fastened to the metal structure:

- Adjustable width CPU supports
- Hanging wastebaskets
- Front panels



MEETING TABLES

We use the same 50*50 square-profile legs, but perpendicular to the apex of the table top, and with the same 50*30 profiles, but not around the side of the table, rather towards its center. In this manner, given that the meeting table is used on all 4 sides, we avoid the discomfort that might result from the profile.

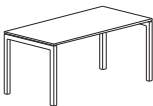


RANGE

Desk

Tec 1 and Tec 5

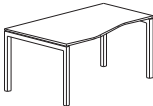
Rectangular desk



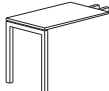
Curved front desk



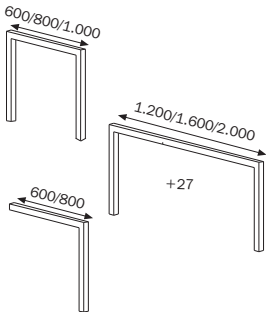
Desk Type 1



Return



Open legs

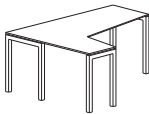


	F-600	F-800	F-800	F-600	F-800	F-600
800	*□	*□				*
1000	*□	*□				*
1200	*□	*□				*
1400	*□	*□				
1600	*□	*□	*	*□	*□	
1800	*	*	*	*	*	
2000	*	*	*	*	*	

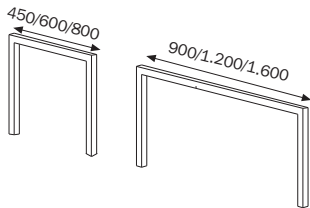
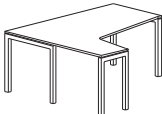
Desk series 600

Desk series 800

Desk type 6 series 600



Desk type 6 series 800

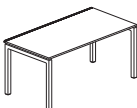


	F-1200	F-1400	F-1600
1200	*□		
1400	*□	*□	
1600	*□	*□	*
1800	*	*	*

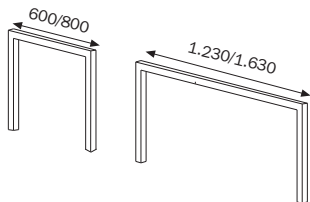
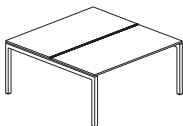
	F-1200	F-1400	F-1600
1200	*□		
1400	*□	*□	
1600	*□	*□	*□
1800	*	*	*

Tec 2

Rectangular Desk



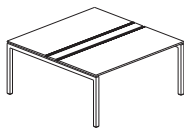
Facing Desks



	F-600(+30)	F-800(+30)	F-600(+30)	F-800(+30)
1400	*	*	*	*
1600	*	*	*	*
1800	*	*	*	*
2000	*	*	*	*

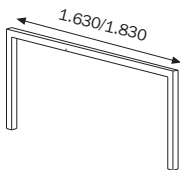
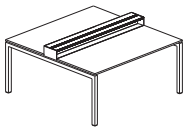
Tec 3.1

Facing Desks with middle chanel



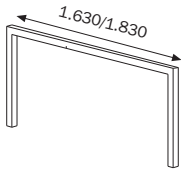
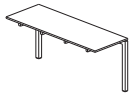
Tec 3.2

Facing Desks with elevated middle channel



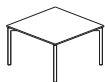
	F-700(+230)	F-800(+230)	F-700(+230)	F-800(+230)
1400	*	*	*	*
1600	*	*	*	*
1800	*	*	*	*
2000	*	*	*	*

Extension table for Tec 2, tec 3.1 y tec 3.2

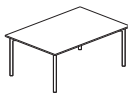


	F-1630	F-1830
600	*	*

Square meeting tables



Rectangular meeting tables



	F-1000	F-1400	F-1200
1000	*		
1400		*	
1800			*
2400			*