

# DATA SHEET

## I.POP/O.POP



A series with style, vibrant, and the powerful feeling of an identity of its own.  
The **I.POP** series **is full of possibilities, attractive aspects** and technical aspects if innovators that it satisfies any need.

Elegance and design, for a wide collection of offices, configure an organized, flexible and efficient workspace. A collection of work tables with great technical development.

#### **DECORATION AND GOOD TASTE AT WORK.**

The incorporation of the wide range of Luxury finishes offers the possibility of giving the office an exclusive design of high quality.

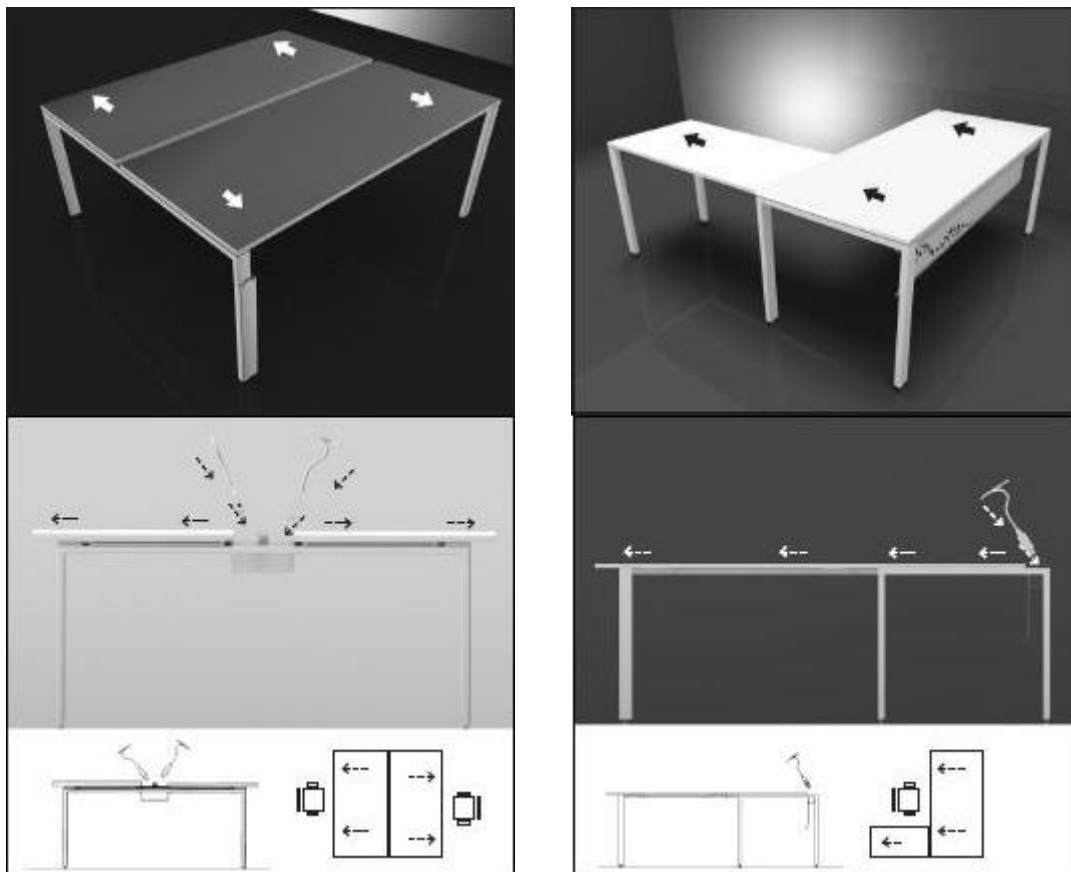
## SLIDING TRAYS

The worktops incorporate sliding polyamide skid supports that allow their recessed structure to be simple and fast in shape, thanks to a simple interlocking system, without the need for screws.

At the same time, these supports are embedded in metal rails designed by stamping that allow the worktop to slide to the user, thus allowing perfect accessibility to the chute.

These rails must be secured by expandable polyamide inserts to the office sleepers. Assembly is quick and easy and does not need tools. These rails are supplied in dark graphite.

**This system is valid for individual offices, returns and double plans (Bench):**



## WORK PLANS

### MELAMINÉ

Worktops in wood particle chipboard, available in 19 mm and 25 mm thickness, bonding with synthetic resins, medium density 630 kg/m<sup>3</sup>.

Grupo Alvic complies with the PEFC environmental protection standard so that the wood used comes from sustainable exploitation. Melamine covering, with PVC edge 2 mm thick, applied using PUR glue (Hygro-reactive polyurethane solid adhesive), innovation applied in the bonding process that provides great heat resistance performance and behavior against moisture and solvents optimal. The application of PUR glue in the bonding process is made with a gun that allows the glue to be applied only to the surface of the edge, without the remains of glue affecting the work surface, offering as a result impeccable finishes. The format of the PUR glue, translucent, makes it almost invisible, and its composition is, in addition, of better adhesion than the traditional glue. The results are quality finishes, much higher than that resulting from the classic bonding system.

The edges of the edges are rounded to R = 2 mm, thus being rounded the edges and the corners of the work surface .

### GLASS

Top in secure glass 5+5

Available in white, black and RAL specific finishes.

### LUXURY

High density fiber panel, average density 720 kg/m<sup>3</sup> . Thickness 18.3 mm (tolerance +/- 0.3 mm).

High gloss design thanks to the latest generation lacquer process that offers high strength and a stable shine of more than 100 glosses. ABS panel edge and polyurethane glue application give it high tensile and moisture resistance.

Counter-façade of the panel in matte design finish.

Available in more than 20 finishes. Possibility of edge Max finish for trays and fronts, which incorporates a translucent strip on the upper part, in addition to the own finish of the lower part, with characteristics similar to the rest of the series.

## METAL STRUCTURE

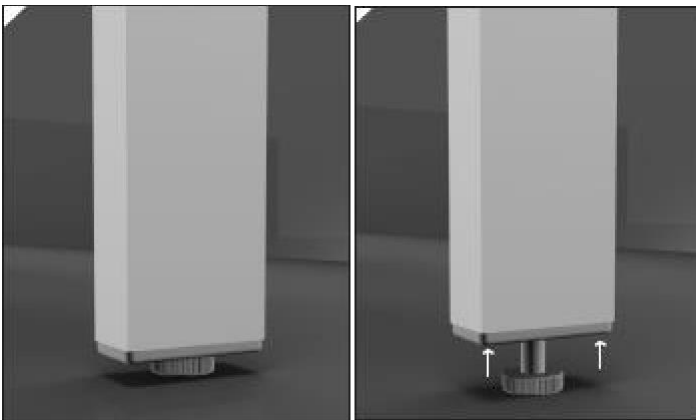
Made of 1.5 mm cold-rolled steel sheet, and painted by application of epoxy powder finish LISSE DRY in the oven in aluminum (ral 9006), white (ral 9003) with a layer of an average thickness of 60 microns.

The innovation of the modern embedding system of this program is determined by the assembly of the sleepers to the sides. This assembly is the result of an ambitious technical project whose objectives have focused on obtaining, in addition to the aesthetics of a modern design throughout the series, extreme ease and speed for assembly, with in addition great stability and undisputed robustness for all the solutions provided.

The laterals have pre-welded hanging systems on a side that fits into the inside of each crossbeam. Once this operation is done, the table is pre-assembled and stands without any additional effort.

The interior of the cross member, both and the hanging parts, are complemented by a complex internal system of plates and inclined planes that, by screwing, increase the strength and adjustment of the different parts, thus ensuring excellent stability and robustness. The solidity and robustness of this series represents a very important evolution. The underrun system of the structure is realized thanks to the upper part of the assembly, thus offering a very convenient, simple and fast assembly system.

The sides are made using 60x30 mm tubes, and all sleepers from 30x30 mm tubes. The legs of the sides are equipped with cylinders for height adjustment, made of propylene with non-slip part.



### I.POP

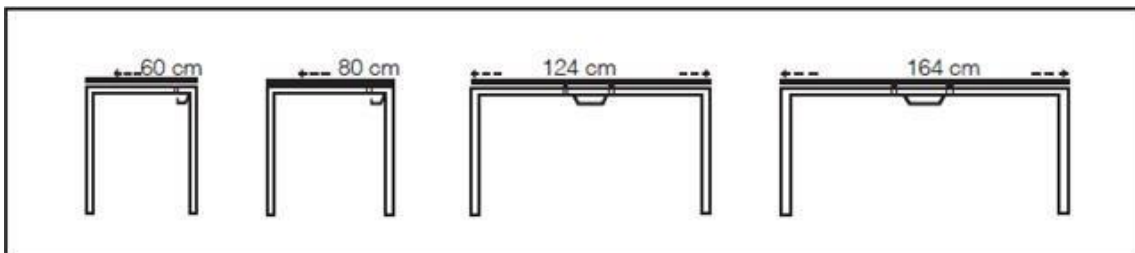
The structures are composed by U-shaped laterals at the extremes, united by sleepers.

### O.POP

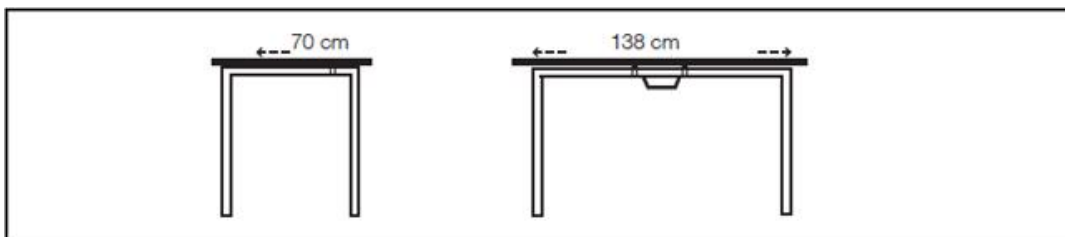
The structures are composed by O-shaped laterals at the extremes, united by sleepers.

### AVAILABLE STRUCTURES

The I.POP series presents the following available metal structures: (mini bench retracted structure)

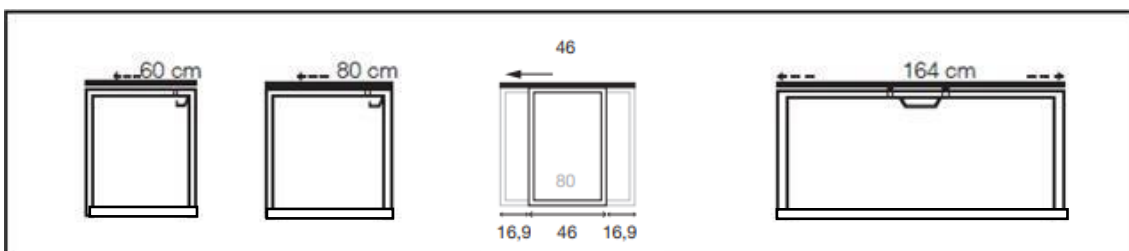


The incoming structure allows the user his mobility from one workstation to another conveniently, the intermediate foot being **ENTRENCHED** inside 36 cm.



There are several models of structure, in order to be able to meet all the requirements of office composition. One model for desks (width 800 mm), another for hanging and return returns (width 600 mm), two for double planes (width 1640 and 1240), for face-to-face workstations, as well as a model with a central structure retracted for office extensions of 1640 mm.

The O.POP series features the following available metal structures:



## ERGONOMICS. SEMICIRCULAR LIPOATROPHY

In medical terms, semicircular lipoatrophy (SL) is described as an infrequent, idiopathic (no known cause) disease whose clinical manifestation consists of atrophy of a semicircular area of subcutaneous adipose tissue, located mainly on the front of the thighs.

The published work measured electric and magnetic fields in workstations that produce semicircular lipoatrophy, the results corresponding to magnetic fields being normal, on the other hand, the evaluation of electric fields gave excessively high results under the tables, at knee height .

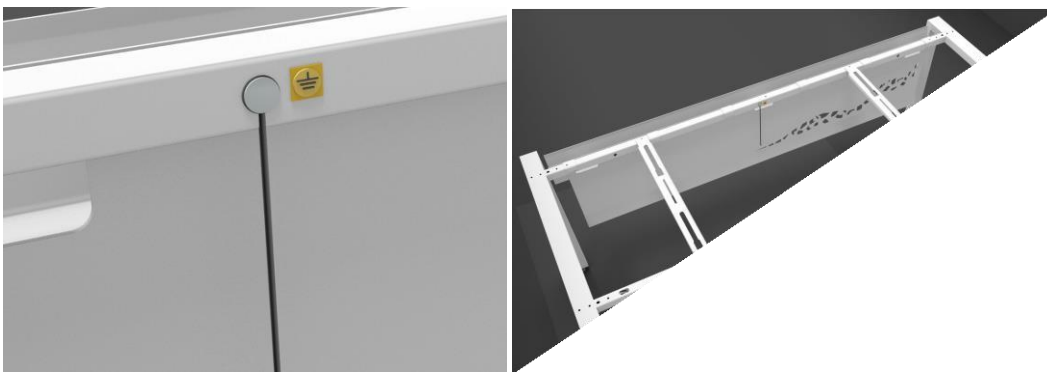
This discovery led to the following hypothesis: some types of desks absorb the magnetic fields generated by cables and computers and take care of them. Entering with a conductor (the human body) produces an electric shock.

The fact that semicircular lipoatrophy occurs primarily in the upper thigh led the researchers to assume that the discharge takes place in this area.

Cases of semicircular lipoatrophy occur mainly in new buildings whose humidity is relatively low, and which facilitates the accumulation of electrical charges in objects. Research concludes that in the appearance of semicircular lipoatrophy two factors are involved:

- presence of electromagnetic fields (cables and computers).
- low relative humidity in the work area.

The I.POP/O.POP series makes it possible to connect the entire structure to the ground socket, by a connection system located on the structure of the table, easily accessible from the electrification channel. In this way, the accumulation of electromagnetic charge is eliminated, and the symptoms of this disease can be avoided.



## MOTION BLOCKING SYSTEM

The sliding system incorporates a manual attachment on the lower part of the central skid rail, easily accessible to the user, which can be screwed and unscrewed to block the movement of the worktop.

Mounting this clip does not require tools. The part is supplied in blue for its easy detection during daily use .

Blocking functions :

- Block the movement of the artboard for its usual use as a fixed workstation.
- Block movement by allowing handling of wiring without risk to the user.



## ACCESSORIES AND ELECTRIFICATION

### RECOMMENDED CABLING SYSTEM

The sliding worktop system gives very comfortable and easy access to the cable-pass chutes available in the I.POP series.

### CABLE TRAYS

Has a cable pass- chute, horizontal electrification channel, for PLAN INDIVIDUEL that allows the installation of cables after assembly, with sufficient capacity to house connection, resistor, telephone and data boxes, thus facilitating the handling of wiring.

They hang on the outer cross member of the desk and are located in front of the bottom veil of the table.

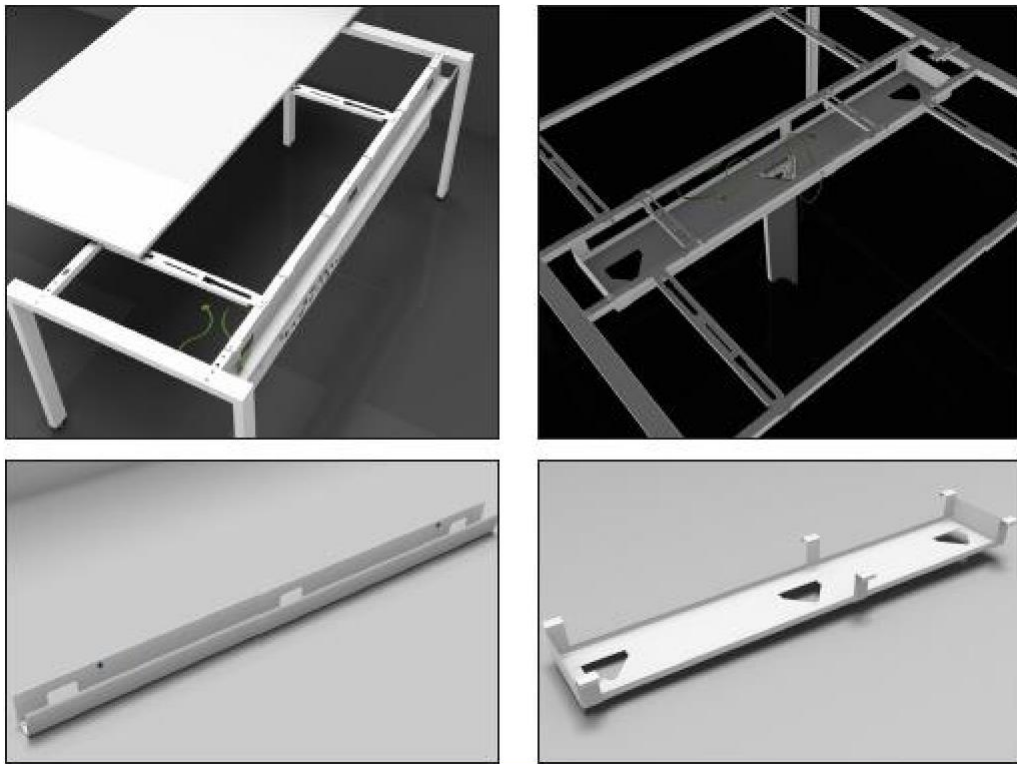


Available in the same finishes as the table structures: white and aluminum.

The chutes for individual plan, are designed and studied to form a functional and aesthetically adequate whole. Access of the wiring to the worktop by sliding the desk tray or through the recessed cable passes available in this series. Three openings have been planned along the chute to facilitate the passage of wiring inside. The bottom sails of the series also have an opening on their upper part to facilitate the wiring of the desk.

They hang on the outer cross member of the office.

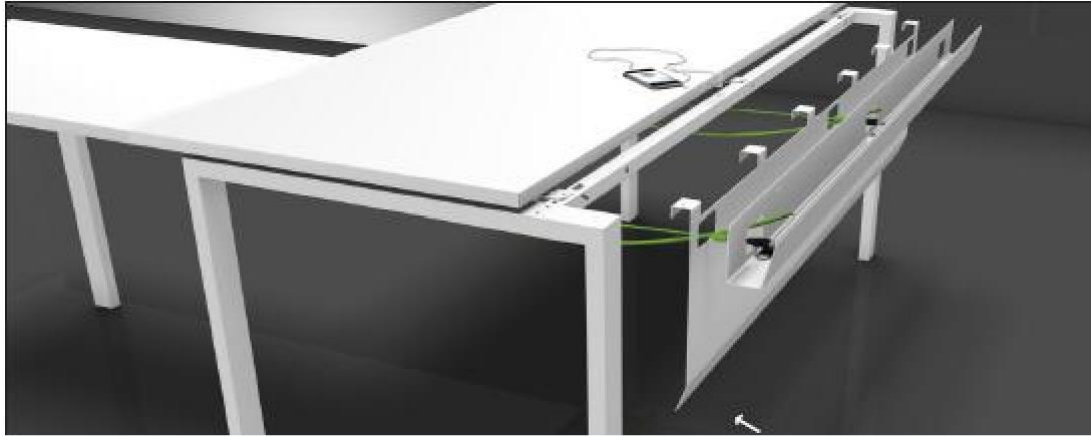
Has a cable pass chute, horizontal electrification channel for DOUBLE PLANE (BENCH) that allows the installation of cables after assembly, with sufficient capacity to house connection, resistor, telephone and data boxes, thus facilitating the handling of wiring.



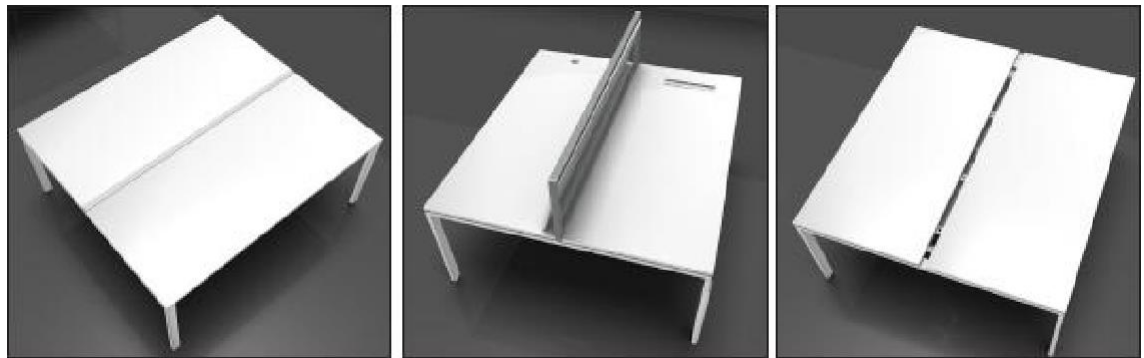
The cable-pass chutes are equipped with a system of triangular openings that allow the passage of wiring in a convenient and easy way, as well as the recessing of the vertical foot, with a simple system of quick attachment by interlocking, without the need for tools. The cable trays are closed laterally in order to hide the wiring of the office, in case of exposure of the office in

large spaces that allow you to see the lower part of it. With This, the objective sought is to give an image as neat as possible.

Also available are "extension" cable-pass chutes which, in the case of double planes with extension (4 or more workstations) open laterally to allow horizontal wiring along the multiple workstations.



#### HUBCAP FOR DOUBLE PLANES MADE OF ANODIZED EXTRUSION ALUMINUM



Has a hubcap for double planes in anodized aluminum, passable, which allows access to the cable pass chute in a convenient and easy way.

The assembly of this hubcap is simple and fast, thanks to a simple interlocking system with four aluminum supports that hang from the sleepers of the table. These aluminum supports are supplied in several sizes depending on the option chosen.

There are two types of hubcaps:

- Aluminum hubcap cable tray at the same level as the worktop.

In this case, it is advisable to choose the hubcap of the smaller size or to cut it shorter than the surface of the table (about 6-10 cm) in order to pass the cables through the extreme left or right where the orifice not covered by the cable tray between the planes will be placed .

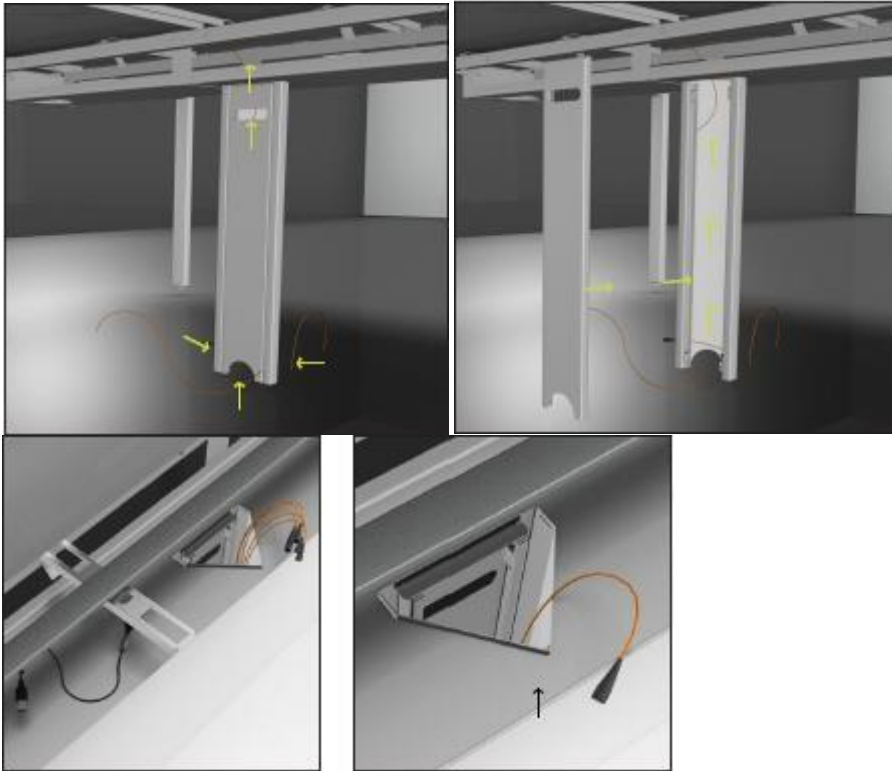
Caution: It is important to provide with the installer the necessary tools to cut the aluminum.

- Raised 10 mm from the worktop, completely passable along the worktop, allowing the panning of the wiring to the electrification chute that circulates under the desk. In the case of ALUMINUM FRAMED SCREENS, this option is the one available in the standard version. (See below the section screens).

### VERTICAL CABLE PASSES



Vertical cable pass available, which allows vertical wiring along the legs, made of 1.5 mm laminated steel sheet and painted by application of epoxy powder textured finish in aluminum, white and graphite, with an average thickness layer of 60 microns. Possibility to put 2 units face to face on the same foot. Its dimensions are : 8 mm x 55.8 mm x 3 mm.



TOTEM CENTRAL: steel structure in white and aluminum finish, which allows Unify the vertical wiring of multiple workstations . Its attachment to the table is achieved by the holes designed for this purpose in the electrification chutes for double plane, thanks to a simple interlocking underrun system .

The totem pole is designed to provide a convenient and fast mounting system. Its lightweight steel structure, in two bodies, allows its rapid interlocking around the wiring attached to the workstations that make up the whole. The totem pole is also passable frontally once installed.

The totem pole will be suspended from the electrification chute, fully compatible with the height adjustment system.

## SCREENS

The front screens, specially designed for face-to-face workstations, are part of a new installation system designed to meet not only aesthetic needs but also the functional and wiring needs that emerge with the new sliding system.

## COMPUTER SCIENCE

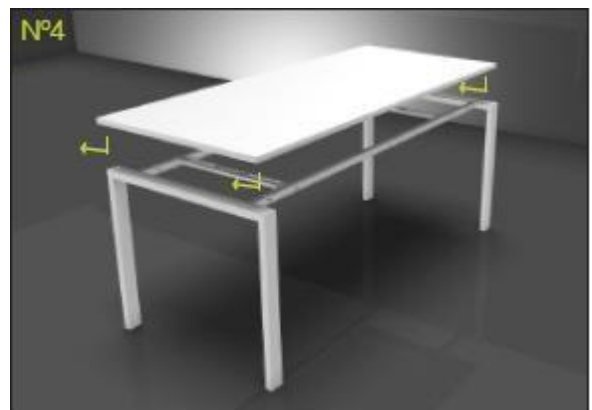
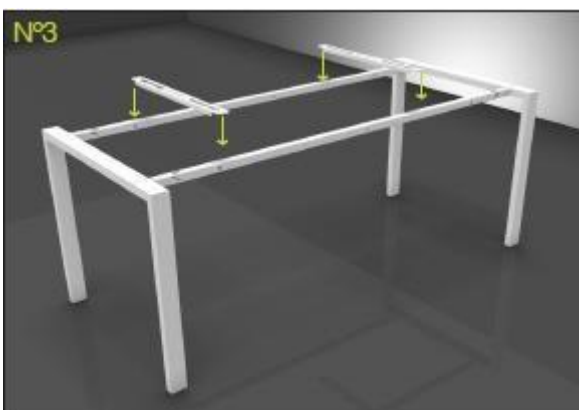
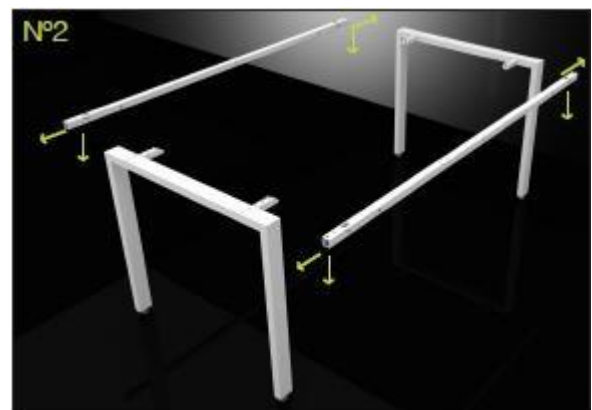
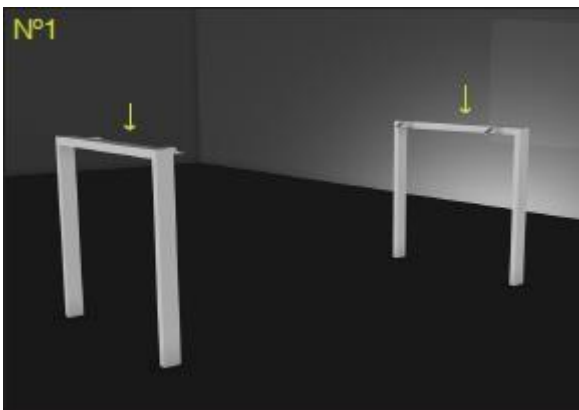
Metal CPU support available, made of 1.5 mm rolled steel sheet and painted by application of aluminum and white oven epoxy powder, with an average thickness of 60 microns.

The metal CPU mount is suspended from a rail that installs on the width of the table, thus allowing the CPU to be placed in the ideal position for the end user, who will be able to change this position whenever he wants, thanks to the snap-on system manual, which unscrews to change its position and screws for its fixation once the position is chosen.

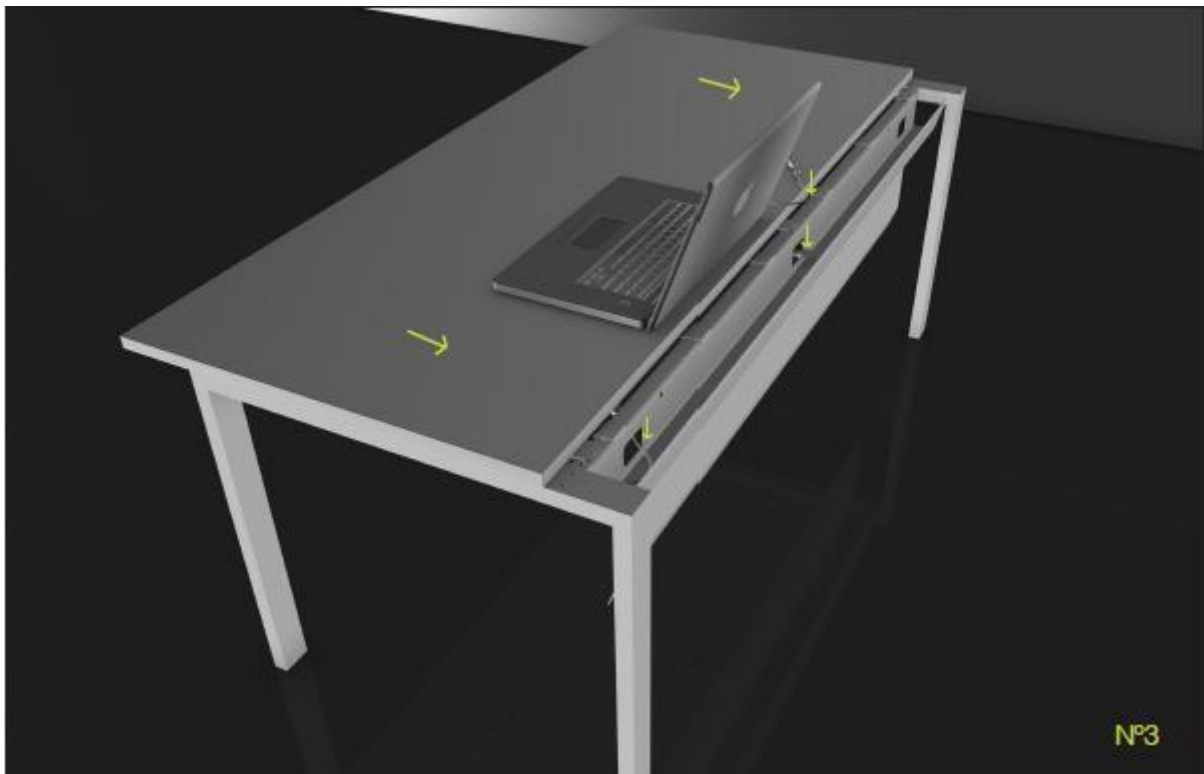
In addition, the CPU has a rotating system that allows the support to be rotated up to the user in different positions, thus facilitating its access.

## QUICK ASSEMBLY, WITHOUT THE NEED

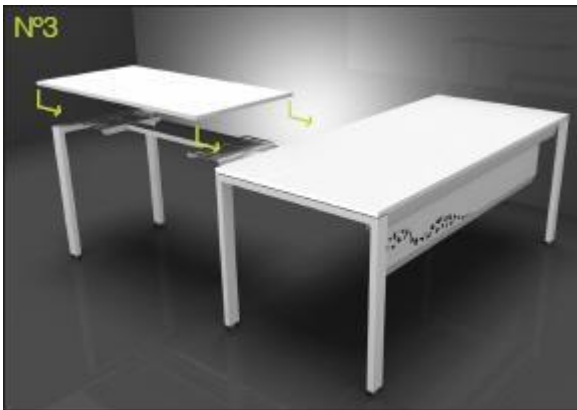
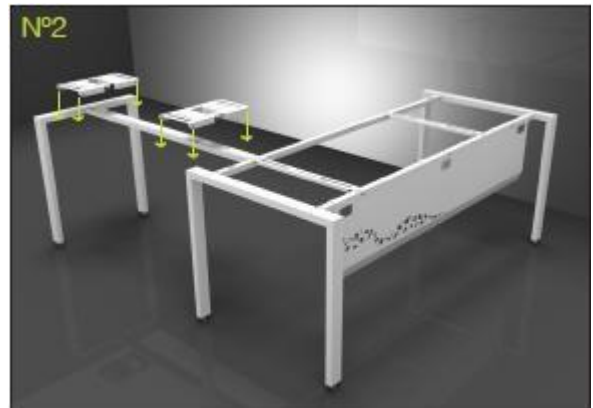
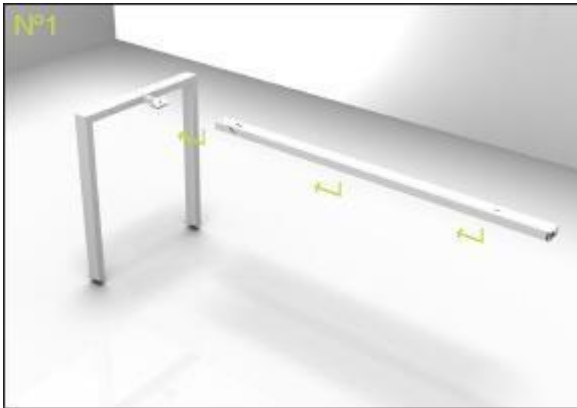
### FOR DESKTOP TOOLS



BOTTOM SAIL AND CHUTE



RETURN



DOUBLE PLAN

