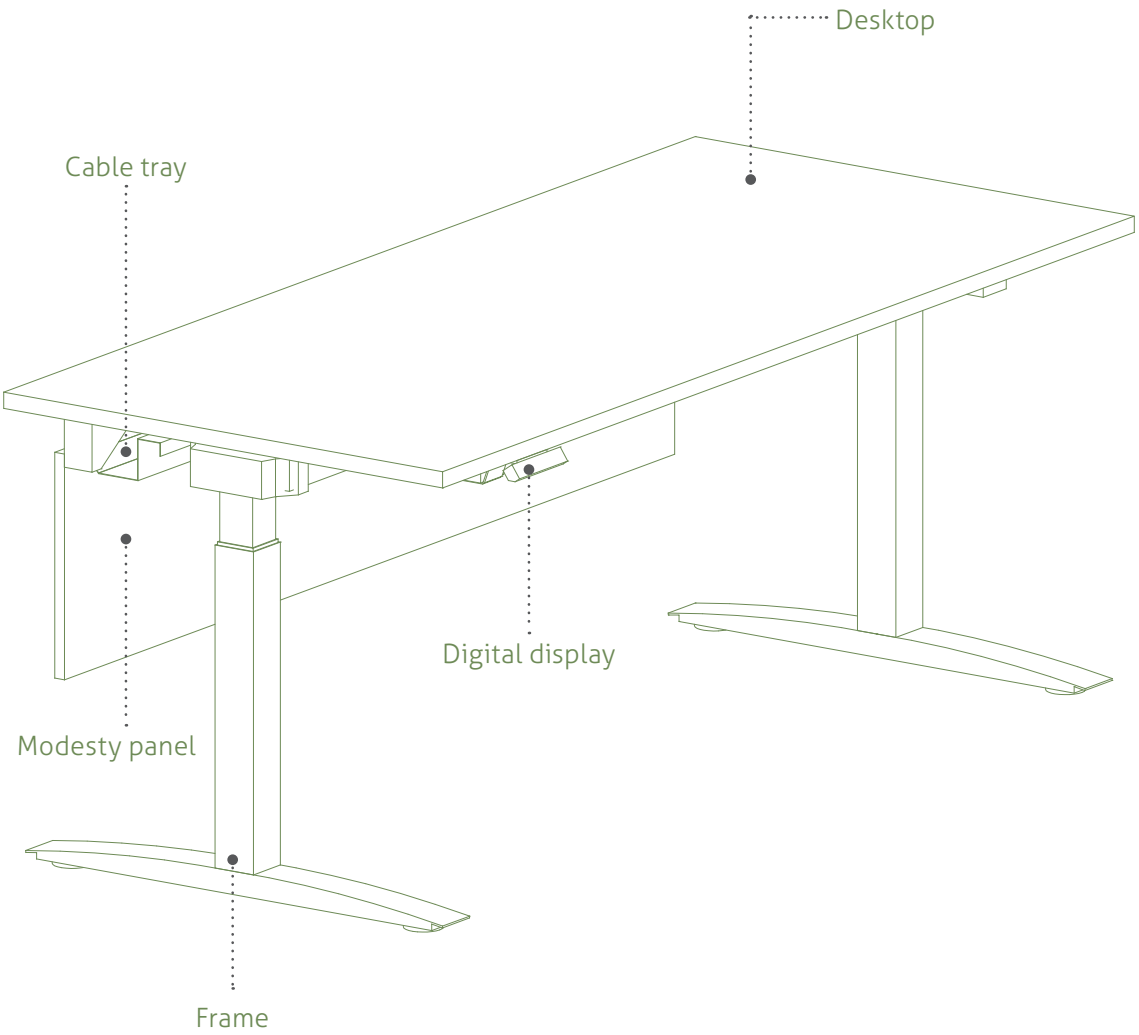
MOBEL LINEA

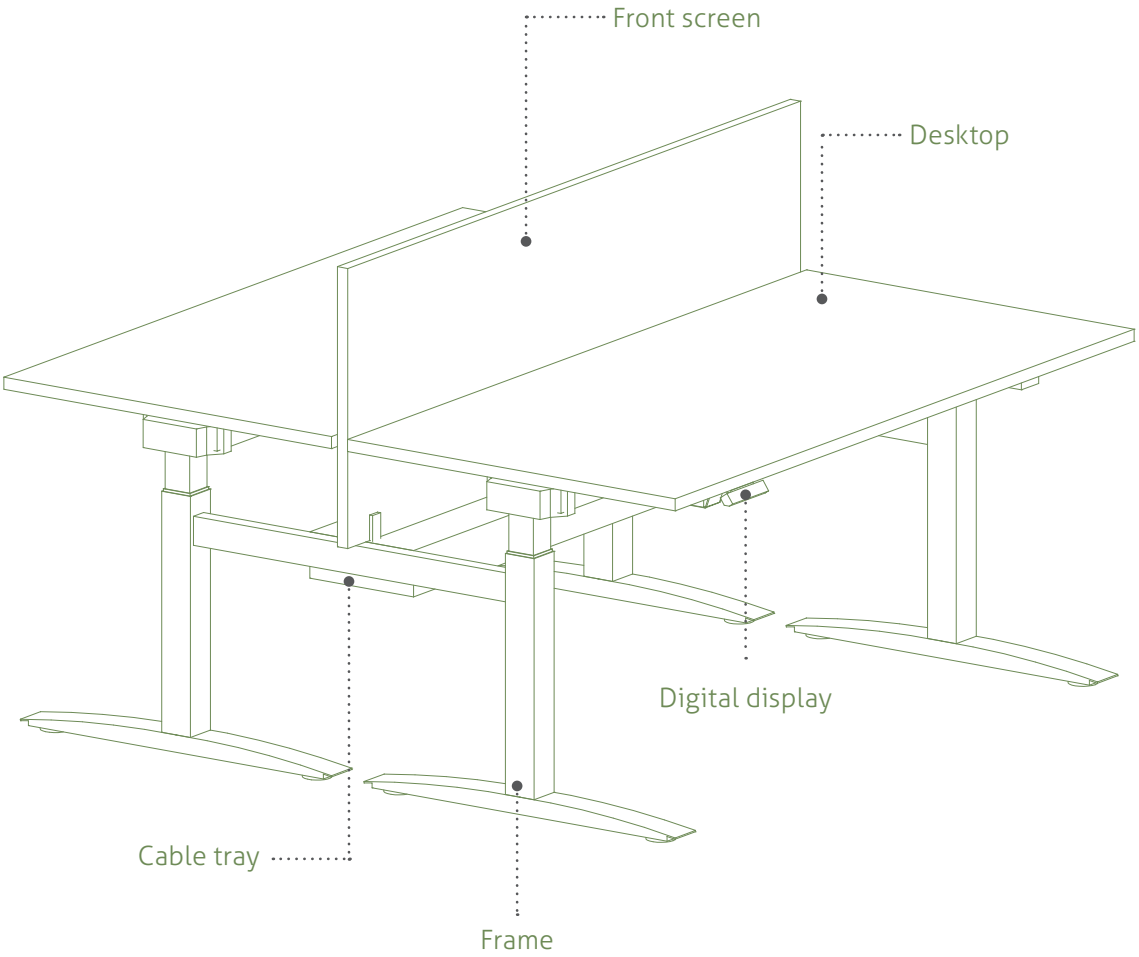
Up

SPECS GUIDE

INDIVIDUAL DESK



FACE TO FACE DESKS



DESKTOPS

Melamine top: 25 mm of thickness. Recoated chipboard with melamine of 120 grs/m² in both faces with a density of 600 Kg/m³ ± 5 %. ABS edges all around the top with a bevel of 2 mm. Edges are fixed with melted glue and rounded in shape.
Finishes: graphite, white, grey, beech, maple, pear, wengue, light acacia, dark acacia, zebrano, oak or dark oak.

Stratified top: 25 mm of thickness. Recoated chipboard with stratified of 0,8 mm of thickness with a density of 600 Kg/m³ ± 5 %. ABS edges all around the top with a bevel of 2 mm. Edges are fixed with melted glue and rounded in shape.
Finishes: graphite, white, grey, beech, maple, pear, wengue, light acacia, dark acacia, zebrano, oak or dark oak.

Phenolic top: 13 mm of thickness. High pressure laminated board with phenolic resins of *kraft* paper. These fibers are pasted and pressed with a density of 1400 kg/m³. Round bevel of 2 mm all around.
Finish: white top with black edges.

All these types of tops are fixed to the frame of the desk with **no need of any tool** making easier the assembly process. If it is necessary, tops can **slide 14cm** to access to cable tray.

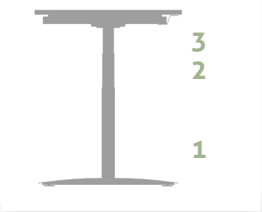
DIGITAL DISPLAYS

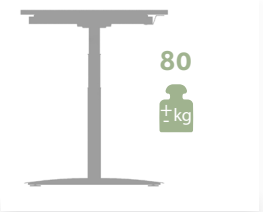
UP / DOWN: is a simple manual switch with operating buttons to move the lifting column of the table. Moves the table up or down.

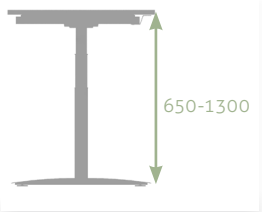
PROGRAMMABLE: It allows users to set the seated and standing height positions or pre-set heights for multiple users. (4 differents postions maximum)

ADJUSTABLE HEIGHT FRAME

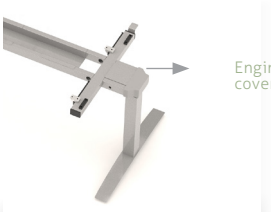
Metal columns with 3 beams that are lifted with two electric engines of 240DC. Each column can load 50kg. Total load for the table is 80kg. Motion speed of 36mm/s.
The outer column is of 2mm thick steel of 70x70 mm. The midst column is of 2 mm thick steel of 65x65 mm. The inner column is of 2 mm thick steel of 60x60 mm.
Minimum height of the desk is 650 mm and maximum height is 1300 mm.

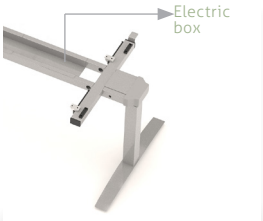


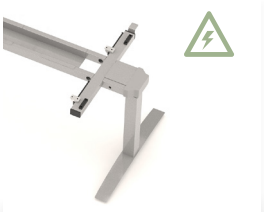




The engine is fixed to the top of the column with screws (DIN-7991 M6x16) and is protected with a polypropylene cover. The electric control box with sockets is in the middle under the top: Standby electricity consumption is <0.3W, input voltage: 207 - 253 V / 50HZ, output efficiency: 216VA, service temperature: 0-30ºC, relative humidity of the service air: 5 - 85%.





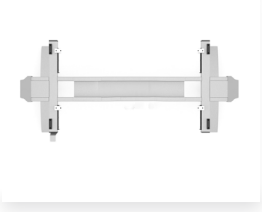


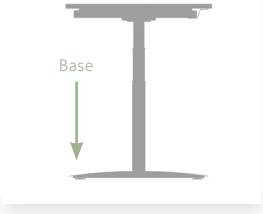
Under the top there is an **H-shape structure** that consist of two rectangular steel tube of 50x30 mm and 60x40 mm with 2 mm thickness.

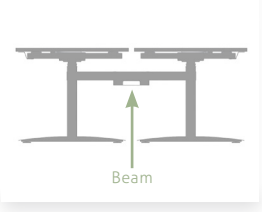
2 mm metal sheet base fixed to the column with screws (DIN-912 M8x20).
Levelling polypropylene glides with 8 mm metric thread.

Available finishes: silver (RAL 9006), white (RAL 9016) or graphite (RAL 7022).

Only for face to face desks: there are two rectangular beams of 60x35 of 2mm thickness fixed and folded with brackets to the column's frame.







FIXED HEIGHT FRAME

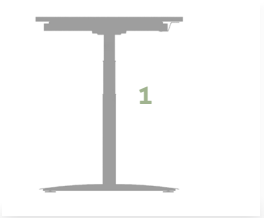
Metal column of 2 mm thick steel of 70x70 mm.
Under the top there is an **H-shape** structure that consist of two rectangular steel tube of 50x30 mm and 60x40 mm with 2 mm thickness.

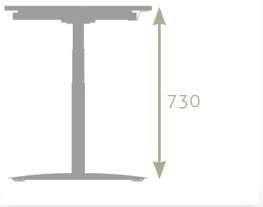
Fe+C

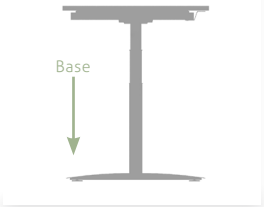
2 mm metal sheet base fixed to the column with screws (DIN-912 M8x20).
Levelling polypropylene glides with 8 mm metric thread. Column is welded to its capital with MIG system.

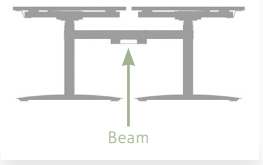
Available finishes: silver (RAL 9006), white (RAL 9016) or graphite (RAL 7022).

Only for face to face desks: there are two rectangular beams of 60x35 of 2 mm thickness fixed and folded with brackets to the column's frame.









MANUFACTURING PROCESS

For fixed frame only: column is welded to its capital with **MIG system**:

a) 1 mm spread copper wire with a bath of lacquer to make a fine explosion.

b) Corgon gas 15 (85% oxygen y 15% Corgon).

For painting process is used a painting tunnel:

1. Degreasing and transformation treatment (zirconium manometric inorganic transformation coat): frames are dipped with osmosed water and then dried. Frames are prepared to be painted with an optimum bond and with a corrosion protection coating.
For this procedure, baths are filled using reversed waterfall. An authorized operator is in charge of sewage sludge.

2. The drying: frames go inside a humidity oven during 11 minutes with a temperature of 110ºC.

3. Frames have to be cold before painting to have a uniform layer of paint. Frames come inside automatic cabins with spouts that spread the paint. When frames come outside the cabin some retouches are done to make sure that all the corners are painted.

4. Polymerized oven: paint is melted in 200ºC during 20 minutes to ensure a perfect bond and a fine coating finish.

OPTIONAL COMPLEMENTS

MODESTY PANEL FOR INDIVIDUAL DESK

For lengths 220, 200, 180, 160, 140, 100 cm and 120º desk.

Fixed to the H-shape structure of the desk with steel brackets painted in epoxy paint in silver (RAL 9006), white (RAL 9016) or graphite (RAL 7022).

Melamine: 19 mm of thickness. Recoated chipboard with melamine of 120 grs/m² in both faces with a density of 600 Kg/m³ ± 5 %. ABS edges all around the top with a bevel of 0,8 mm. Edges are fixed with melted glue and beveled.
Finishes: silver, white or graphite.

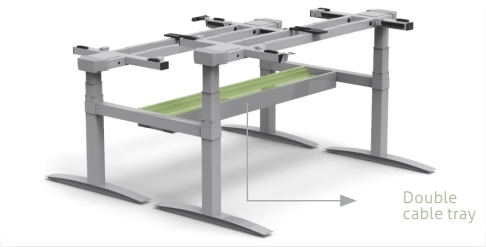
Metal: cold folded steel sheet of 0.8 mm quality DC01.
Finishes: epoxy silver (RAL 9006), epoxy white (RAL 9016) or epoxy graphite (RAL 7022).

CABLE TRAY

Cold folded steel sheet of 0.8 mm quality DC01. Die cut to fix electric kits.
Finishes: epoxy silver (RAL 9006), epoxy white (RAL 9016) or epoxy graphite (RAL 7022).

Individual cable tray: fixed to the H-shape structure for individual or face to face desks.

Double cable tray: included in face to face desks. Optional for meeting tables.



OPTIONAL COMPLEMENTS

SNAKE FOR CABLES

For individual desks: translucent ABS cable snake.
For face to face desks: polypropylene cable snake available in silver, white or black finish.

CPU HOLDER

Fe+C

Cold folded steel sheet of 2mm quality AP02.
Width adjustable using screws.
Finishes: epoxy silver (RAL 9006), epoxy white (RAL 9016) or epoxy graphite (RAL 7022).

Fixed to the H-shape structure of the desk.

Adjustable width: 12,9 - 21,6 cm
Depth: 36,5 cm
Height: 51,6 cm

MONITOR HOLDER

Al

The screen is fixed to the support with a flexible leveling system for all type of screens.
The gas pressure technology and the ball-and-socket joint make it easy to choose height and angle of the monitor. Available for one or two screens.
Finish: silver.

Fixed to the desk top (melamine or stratified) with a metal clamp or with a hole.

With clamp

Drilling (Ø12 mm)

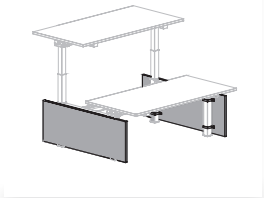
Grommet hole (Ø60 mm)

OPTIONAL COMPLEMENTS

SIDE COVER

19 mm of thickness. Recoated chipboard with melamine of 120 grs/m² in both faces with a density of 600 Kg/m³ ± 5 %. ABS edges all around the top with a bevel of 0,8 mm. Edges are fixed with melted glue and rounded in shape.
Finishes: graphite, white, grey, beech, maple, pear, wengue, light acacia, dark acacia, zebrano, oak or dark oak.

Fixed to the column of the desk using silver, white or graphite brackets.



SMARTRAY DRAWER

Fe+C

Drawer and cassete cover of powder coated steel sheet of 0,8 mm.

Total extension guides with Silent system.

Graphite felt-inlay for inner tray with noise cancelling.

Load capacity 6 Kg.

Hook locking system with replaceable lock.

Articulated anti-break grey key.

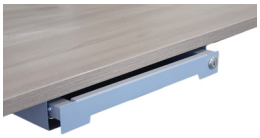
Finishes: epoxy silver (RAL 9006), epoxy white (RAL 9016) or epoxy graphite (RAL 7022).

Fixed under the desktop with 4 screws + connectors.

Smartray 1

External dimensions:
Width: 37,95 cm
Depth: 23,5 cm
Height: 5 cm

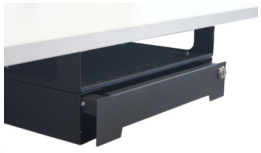
Inner dimensions:
Width: 31 cm
Depth: 21,2 cm
Height: 3,8 cm



Smartray 2

External dimensions:
Width: 37,95 cm
Depth: 34,8 cm
Height: 7,5 cm

Inner dimensions:
Width: 31 cm
Depth: 32,3 cm
Height: 6,3 cm

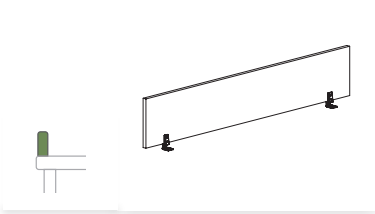


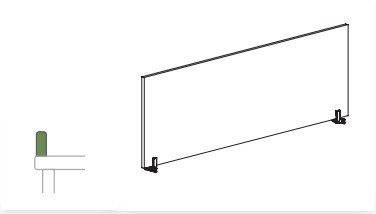
OPTIONAL COMPLEMENTS

FRONT SCREEN

For lengths 180, 160, 140, 100 cm and 120º desk

For individual desks: fixed to the desk top (melamine or stratified).
For face to face desks: fixed to the frame of the desk (all types of tops available)





1 LEVEL FRONT SCREEN:

- Height in individual desks: 32,2 cm
- Height in face to face desks: 58 cm
- Support system with aluminium brackets available in silver (RAL 9006), white (RAL 9016) or graphite (RAL 7022) finishes.

FINISHES:

Melamine: 25 mm thickness in graphite, white, grey, beech, maple, pear, wengue, light acacia, dark acacia, zebrano, oak or dark oak. ABS edges of 2 mm.

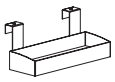
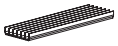
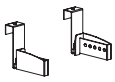
Metacrylate clear or translucent of 6 mm thickness.

Upholstered 25 mm chipboard in serie 1 or 4 fabrics.

Acoustic screens: 100% recycled PET panel upholstered with Serie 1 or 4. It is recommended to use porous fabric and avoid PU leather. Density 2,40 $(kg/m^2)^{\pm 10}$ and $8^{\pm 0,6}$ mm thick. Noise absorption 0,45 (MH) αw.

AVAILABLE ACCESSORIES:

Translucent accesories hanged to the screen with an aluminium silver bracket. Not allowed in metacrylate screens.

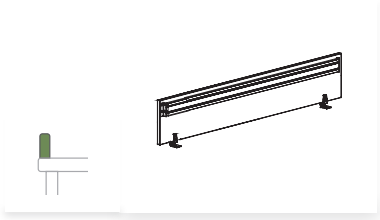
Small tray	Large tray	Plastic guides for CDs	Hanging folder tray
			

OPTIONAL COMPLEMENTS

FRONT SCREEN

For lengths 180, 160, 140, 100 cm and 120º desk

For individual desks: fixed to the desk top (melamine or stratified).
For face to face desks: fixed to the frame of the desk (all types of tops available)



1 LEVEL FRONT SCREEN WITH GUIDE:

- Height in individual desks: 32,2 cm
- Height for face to face desks 58 cm
- Support system with aluminium brackets available in silver (RAL 9006), white (RAL 9016) or graphite (RAL 7022) finishes.
- Guide finishes as per brackets: silver, white or graphite.

FINISHES:

Melamine: 25 mm thickness in graphite, white, grey, beech, maple, pear, wengue, light acacia, dark acacia, zebrano, oak or dark oak. ABS edges of 2 mm.

Upholstered 25 mm chipboard in serie 1 or 4 fabrics.

AVAILABLE ACCESSORIES:
Silver metal accessories hanged to the guide.

Metal pencil cup

Metal tray

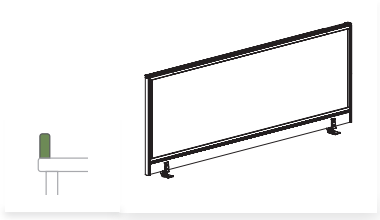
Monitor holder

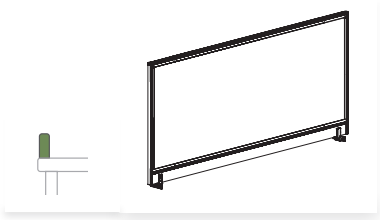
OPTIONAL COMPLEMENTS

FRONT SCREEN

For lengths 180, 160, 140, 100 cm and 120º desk

For individual desks: fixed to the desk top (melamine or stratified).
For face to face desks: fixed to the frame of the desk (all types of tops available)





1 LEVEL ACOUSTIC SCREEN (WITH FRAME):

- Height in individual desks 62,6 cm
- Height for face to face desks 79,2 cm
- Support system with aluminium brackets available in silver (RAL 9006), white (RAL 9016) or graphite (RAL 7022) finishes.
- Aluminium frame. Available finishes: silver, white or graphite.

FINISHES:

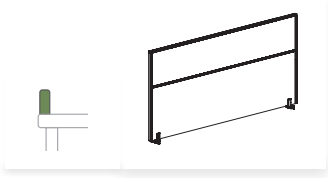
Acoustic screens aluminium silver frame with fiber board covered with foam in both sides (density 60kg/m^3) of 8 mm thick upholstered in Serie 1 or 4 fabrics.

OPTIONAL COMPLEMENTS

FRONT SCREEN

For lengths 180, 160 and 140 cm.

For individual desks: fixed to the desk top (melamine or stratified).
For face to face desks: fixed to the frame of the desk (all types of tops available)



2 LEVELS FRONT SCREENS

- Height in individual desks 63,4 cm
- Height for face to face desks 79,2 cm
- Support system with aluminium brackets available in silver (RAL 9006), white (RAL 9016) or graphite (RAL 7022) finishes.
- Aluminium frame. Available finishes: silver, white or graphite.

BOTTOM PANEL FINISHES:

Melamine: graphite, white, grey, beech, maple, pear, wengue, light acacia, dark acacia, zebrano, oak or dark oak.

Upholstered chipboard in serie 1 or 4 fabrics.

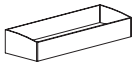
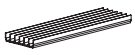
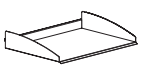
TOP PANEL FINISHES:

Melamine: graphite, white, grey, beech, maple, pear, wengue, light acacia, dark acacia, zebrano, oak or dark oak.

Upholstered chipboard in serie 1 or 4 fabrics.

Metacrylate clear or translucent.

AVAILABLE ACCESSORIES:
Translucent accesories hanged to the guide.

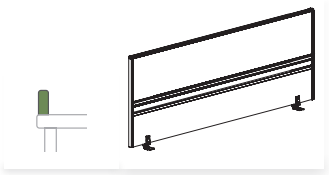
Small ray	Large tray	Plastic guides for CDs	Hanging folder tray	Metal tray Silver finish
				

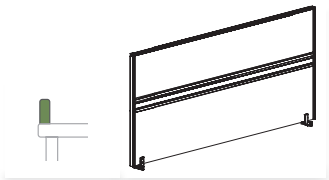
OPTIONAL COMPLEMENTS

FRONT SCREEN

For lengths 180, 160 y 140 cm.

For individual desks: fixed to the desk top (melamine or stratified).
For face to face desks: fixed to the frame of the desk (all types of tops available)





2 LEVEL FRONT SCREEN WITH GUIDE:

- Height in individual desks 63,4 cm
- Height for face to face desks 79,2 cm
- Support system with aluminium brackets available in silver (RAL 9006), white (RAL 9016) or graphite (RAL 7022) finishes.
- Aluminium frame and guide. Available finishes: silver, white or graphite.

BOTTOM PANEL FINISHES:

Melamine: graphite, white, grey, beech, maple, pear, wengue, light acacia, dark acacia, zebrano, oak or dark oak.

Upholstered chipboard in serie 1 or 4 fabrics.

TOP PANEL FINISHES:

Melamine: graphite, white, grey, beech, maple, pear, wengue, light acacia, dark acacia, zebrano, oak or dark oak.

Upholstered chipboard in serie 1 or 4 fabrics.

Metacrylate clear or translucent.

AVAILABLE ACCESSORIES:
Silver metal accessories hanged to the guide.

Metal pencil cup

Metal tray

Monitor holder

OPTIONAL COMPLEMENTS

TOOLBAR

For lengths 180, 160 y 140 cm.

Two columns of height 250 mm and Ø35 mm joined to a beam with slots for hanging accessories.
Finish: anodised aluminium.

For individual desks and face to face desks: fixed to the desk top.
Only available for melamine or stratified tops.

AVAILABLE ACCESSORIES (ONLY FOR TOOLBAR):
Silver metal accessories hanged to beam slots.

Metal pencil cup

Metal tray

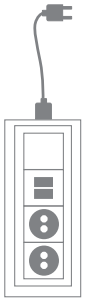
Monitor holder

Led lamp
742 lm / 4.000K

DESKTOP CABLE MANAGEMENT (WITH COVER)

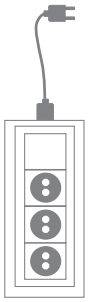
TYPE A: box with 2 sockets + 2 data.

- In one side of the kit there is a black fast male connector with 3 poles fixed with pressure. In the other side, there is a black fast female connector with 3 poles fixed with pressure also.
- Two black sockets of 45x45.
- One black cover of 45x45
- Two RJ45 (CAT6) connectors with dust caps and 1 m of cable each one.
- One black connexion cable for sockets of 2 meters.
- Cable management can be terminal or add-on. The total of electric connections should not exceed 16 ampere power. Do not connect more than 3 kits. (1 terminal + 2 add-ons maximum).



TYPE B: box with 3 sockets.

- In one side of the kit there is a black fast male connector with 3 poles fixed with pressure. In the other side, there is a black fast female connector with 3 poles fixed with pressure also.
- Three black sockets of 45x45.
- One black cover of 45x45.
- One black connexion cable for sockets of 2 meters.
- Cable management can be terminal or add-on. The total of electric connections should not exceed 16 ampere power. Do not connect more than 3 kits. (1 terminal + 2 add-ons maximum).



TYPE C: polypropylene box with frame and anodised aluminium cover. There is a black brush in the large size of the cover for cables. Cover can be open 90º and allows user to reach the electrification tray under the desktop. Aproximate size: 232x117 mm.
Available finishes: silver, white or graphite.

SLICED TYPE C: (For phenolic and/or slidings tops). Polypropylene box with frame and anodised aluminium cover. There is a black brush in the large size of the cover for cables. Cover can be open 90º and allows user to reach the electrification tray under the desktop. Aproximate size: 232x117 mm. Available finishes: silver, white or graphite.

TYPE D: round ABS cover for cables of Ø60 mm with rotation open system. Available finishes: silver, white or black.

TRAY CABLE MANAGEMENT (WITHOUT COVER)

TYPE A2: 3 sockets + 2 data.

- Anodised aluminium beam with U-shape, 2 black ABS covers joined to the beam with metal sheet screws.
- Three black sockets of 45x45.
- Two RJ45 (CAT6) connectors with dust caps and 1 m of cable each one.
- One black connexion cable for sockets of 2 meters.
- Cable management can be terminal or add-on. The total of electric connections should not exceed 16 ampere power. Do not connect more than 3 kits. (1 terminal + 2 add-ons maximum).

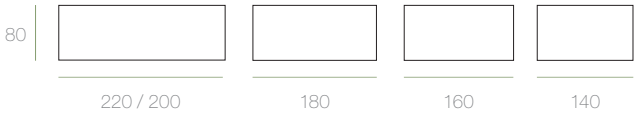
TIPO A3: 2 UPS sockets + 1 socket + 2 data.

- Anodised aluminium beam with U-shape, 2 black ABS covers joined to the beam with metal sheet screws.
- Two red UPS sockets of 45x45.
- One black sockets of 45x45.
- One black connexion cable for sockets of 2 meters.
- One connexion cable for UPS sockets of 2 meters.

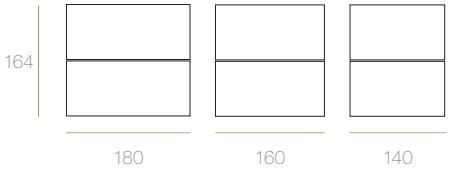
MEASUREMENTS (cm)

SHAPED DESKS:

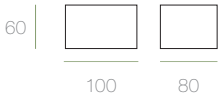
INDIVIDUAL DESKS:



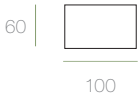
FACE TO FACE DESKS:



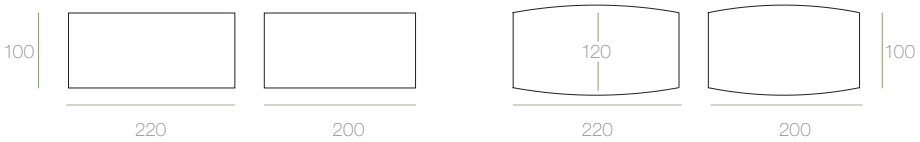
RETURNS:



SHORTHAND TABLE:



MEETING TABLES:



FINISHES

DESKTOPS

FRAME

VERSIONS

ADJUSTABLE HEIGHT FRAME:

FIXED HEIGHT FRAME:

MEETING TABLES:

CERTIFICATES

Office desk: EN 527-2:2017
Digital display: DIN EN 61000 / DIN EN ISO 12100:2011 / DIN EN 60335-1:2012
Acoustic screen: UNE-EN ISO 354:2004

CARE INTRUCTIONS

Clean the table and its components with a soft cloth and neutral detergent.

RECYCLABILTY AND TOXIC MATERIALS

This table does not contain any toxic material and its components are recyclable.

MATERIALS:

- Steel is a 57,1% of the desk. Nowadays, steel is one of the most recyclable materials. Is a friendly material with natural resources because of its recyclability.
- Desk packing materials are 100% recyclables.

PRODUCTION:

- Glues are not used for the assembling. Assembly is mechanical.
- Production processes are optimized using fewer natural resources.

SHIPPING:

- Desk is packed with flat packs to reduce gaps in load.

USE:

- *Standby* mode of the desk is really low: less than de 0,3 W.
- All kind of replacements are available. It is the better way to repair damage parts of the desk and prolong its utility.
- No specific cleaning products are required: a soft and wet cleaning rag is enough.

END OF LIFE:

- Desk is recyclable in a 97%.
- All the components can be disassembled easily and treat them separately for its recyclability.