MOBEL LINEA

D-8.3.7

star

Specs guide



SPECIFICATIONS

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- FRAME - U-SHAPE FRAME
- MANUFACTURING PROCESS

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- CABLE TRAYS
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- CPU HOLDER
- MONITOR HOLDER
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- SCREENS
- TOOLBAR
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- ELECTRIFICATION KITS

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- VERSIONS
- CERTIFICATES AND CARE INSTRUCTIONS
- ECODESIGN

DESKTOPS

Melamine top

25 mm of thickness. Recoated chipboard with melamine of 120 grs/m^2 in both faces with a density of 630 Kg/m^3 ± 5 %.
ABS edges all around the top with a bevel of 2 mm.

Edges are fixed with melted glue and rounded in shape.



HPL (High Pressure Laminate) top

25 mm of thickness. Recoated chipboard with decorative plastic laminate of 0,8 mm of thickness with a density of 630 Kg/m^3 ± 5 %.
ABS edges all around the top with a bevel of 2 mm.

Edges are fixed with melted glue and rounded in shape.

White

Sand

Grey

Graphite

Black

Beech

Maple

Light acacia

Dark acacia

Oak

Dark oak

Carbon oak

DESKTOPS

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.



White top with black edges

Glass top

Safety-tempered glass of 10 mm thick with 2 mm beveled edges.

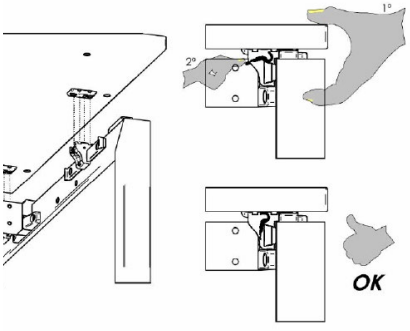


White

Black

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 14 cm** to access to cable tray.





O-SHAPE FIXED HEIGHT FRAME

Metal

Steel beams type DC01 in cold and in triangular shape size 50 × 50 of 1,8 mm thickness or 60 × 60 × 1,5 mm.

In the lower side of the frame there are black polyethylene glides with levellers (M6 and ± 2 cm height).



Finishes

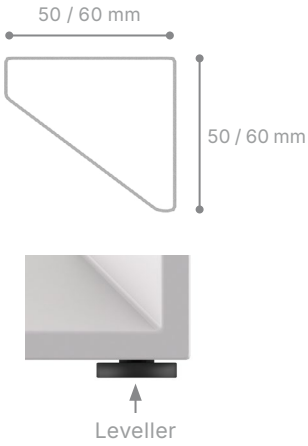
White
RAL 9016

Sand

Silver
RAL 9006

Graphite
RAL 7022

Cromado

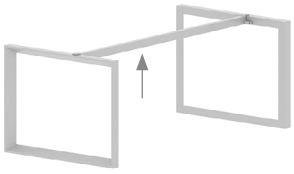


Reinforcement beam to fix both sides

Rectangular steel tube of 50 × 30 × 2 mm.

It has aluminium brackets in each side with screws of metric 6 mm to manage the union between the frames of the structure.

Finish in silver epoxy paint (RAL 9006).



On the top of these frames there are 6 mm metric threads to join reinforcement beams and complements such as returns.

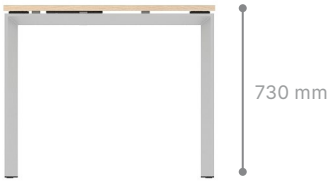
Complete modular system to make individual or group compositions.

U-SHAPE FIXED HEIGHT FRAME

Metal

Steel beams type DC01 in cold and in triangular shape size 50 × 50 of 1,8 mm thickness or 60 × 60 × 1,5 mm.

In the lower side of the frame there are ABS glides with levellers (M8 and ± 2 cm height).



Finishes

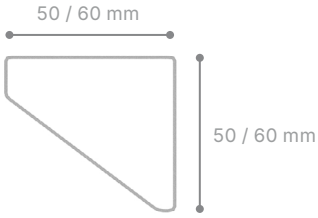
White
RAL 9016

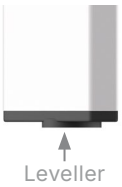
Sand

Silver
RAL 9006

Graphite
RAL 7022

Cromado





Reinforcement beam to fix both sides

Rectangular steel tube of 50 × 30 × 2 mm.

It has aluminium brackets in each side with screws of metric 6 mm to manage the union between the frames of the structure.

Finish in silver epoxy paint (RAL 9006).



On the top of these frames there are 6 mm metric threads to join reinforcement beams and complements such as returns.

Complete modular system to make individual or group compositions.

MANUFACTURING PROCESS

Frame

Frame is welded 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).

Painting process

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.

MODESTY PANEL FOR INDIVIDUAL DESK

Melamine

Melamine: 19 mm of thickness. Recoated chipboard with melamine of 120 grs/m^2 in both faces with a density of 630 Kg/m^3 ± 5 %. ABS edges all around the top with a bevel of 0,8 mm.

Edges are fixed with melted glue and beveled.

White

Sand

Silver

Graphite

Black

Metal

Metal: cold folded steel sheet of 0.8 mm quality DC01.

White
RAL 9016

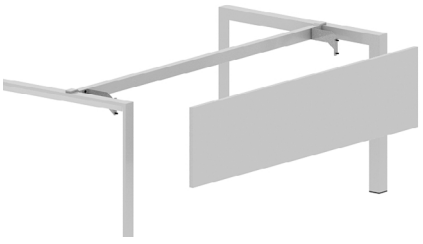
Sand

Silver
RAL 9006

Graphite
RAL 7022

Black
RAL 9005

Fixed to the reiforcement beam of the desk with steel brackets painted in epoxy paint.



For lengths 220, 200, 180, 160, 140, 120, 100 and 80 cm.

CABLE TRAYS

Metal

Cold folded steel sheet of 0.8 mm quality DC01.

Die cut to fix electric kits.

White
RAL 9016

Sand

Silver
RAL 9006

Graphite
RAL 7022

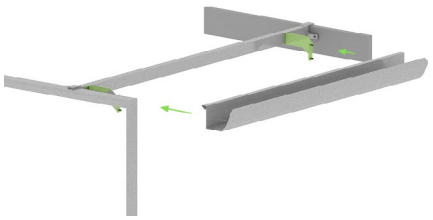
Black
RAL 9005

Individual

For lengths 220, 200, 180, 160, 140, 120, 100 and 80 cm.

Desk with modesty panel: cable tray rest on the modesty panel and can be fixed with M6 screws.

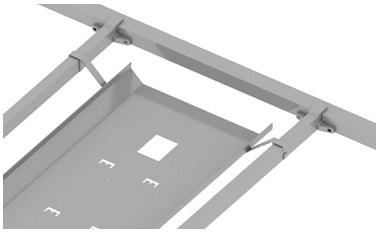
Desk without modesty panel: is fixed to the reiforcement beam of the desk with steel brackets and M6 screws.



Double

For lengths 250, 200, 180, 160, 150, 140, 120 and 80 cm.

Fixed to the reinforcement beam of the desks with steel brackets.

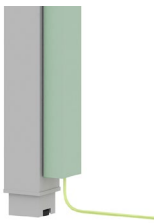


SNAKE FOR CABLES

For individual desks

CABLE RISING

Cold rolled steel sheet 0.8 mm DC01.



White
RAL 9016

Sand

Silver
RAL 9006

Graphite
RAL 7022

Black
RAL 9005

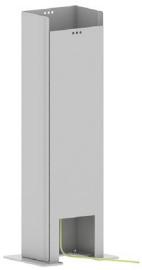
Magnetic: There is no need of fittings for desk's frame.

45 × 52 mm H=595 mm.

For face to face desks and meeting tables

TOTEM

Cold rolled steel sheet 0.8 mm DC01.



White
RAL 9016

Sand

Silver
RAL 9006

Graphite
RAL 7022

Black
RAL 9005

It can be fixed to the floor with screws.

110 × 150 mm

Two heights are available:

- Desks **without** cable tray: 625mm
- Desks **with** cable tray: 560 mm.

CPU HOLDER



Frame

Cold folded steel sheet of 2 mm quality AP02.

Width adjustable using screws.

White
RAL 9016

Sand

Silver
RAL 9006

Graphite
RAL 7022

Black
RAL 9005

Fixed to the desk tops.

Adjustable width: 12,9 - 21,6 cm

Depth: 36,5 cm

Height: 51,6 cm

MONITOR HOLDER

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.



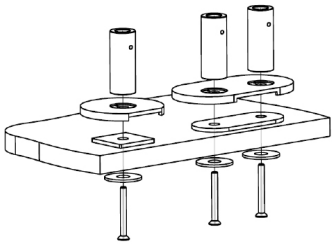


White
RAL 9016

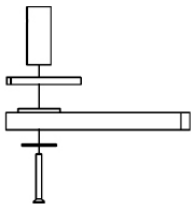
Silver
RAL 9006

Black
RAL 9005

Fixed to the desk top.



Drilling (Ø10/11 mm)



WORKSTATION LIGHTING

For lengths 180, 160 and 140 cm.

Frame

Frame consist in **three components**:

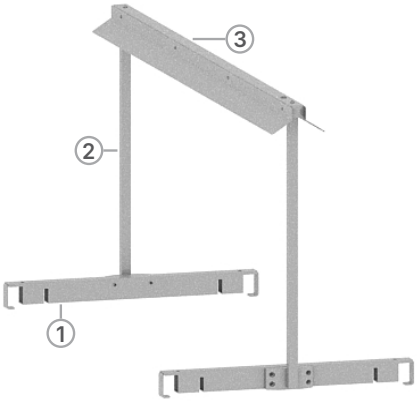
1) **Fixing fitting**: 4 steel metal plates of 3 mm screwed perpendicularly between two steel cold laminated beams of 50 × 30 × 2 mm and desk frame.

2) **Rectangular vertical columns**: of 20 × 20 × 1.5 mm. Welded in each side of the beams with MIG system and joined to the other components with M6 screws.

3) **Upper beam**: steel metal tube of 30 × 30 × 1.5 mm. Metal lamps (0.8 mm thick) screwed to this beam with M4.

LED light (26W 4500ºK) with 2000 lumens / mt and IRC: 80 (>500 luxs on desktop surface). Free flickering design. On the top of this beam there is the on/off switch.

Power transformer: power electric feed is done with 1 power transformer (for each lamp) and fast connection cables of 3 poles.



White
RAL 9016

Sand

Silver
RAL 9006

Graphite
RAL 7022

Black
RAL 9005

Fixed to reinforcement beam or the auxiliar frame of the desk with zinced aluminium U-shape brackets.

FRONT AND SIDE SCREEN

1 Level

FRONT: For lengths 180, 160, 140, 120, 100 and 80 cm.

SIDE: For depths 160, 120, 80 and 60 cm.

Fixed to the frame of the desk (all types of tops available).

Useful height: 28,6 cm
Total height: 31,5 cm

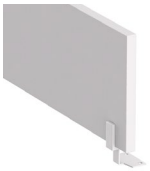
Support system with aluminium brackets painted in silver epoxy paint (RAL 9006), white (RAL 9016), graphite (RAL 7022) or black (RAL 9005).

FRONT SCREEN:
for individual desk



FRONT SCREEN:
for face-to-face desks

END-SIDE SCREEN



MIDDLE SIDE SCREEN



Finishes

Melamine of 25 mm thickness with ABS edges of 2 mm.

White
Sand
Grey
Silver
Graphite
Black
Beech
Maple
Light acacia
Dark acacia
Oak
Dark oak
Carbon oak

Methacrylate of 6 mm thick with rounded corners: top 30 mm and bottom 7,5 mm.

Clear
Translucent

Upholstered on particleboard panel 22 mm thick (total thickness 24 mm).

FRONT SCREEN

1 Level with guide

FRONT: For lengths 180, 160, 140, 120, 100 and 80 cm.

Fixed to the frame of the desk (all types of tops available).

Useful height: 28,6 cm
Total height: 31,5 cm

Support system with aluminium brackets painted in silver epoxy paint (RAL 9006), white (RAL 9016), graphite (RAL 7022) or black (RAL 9005).

FRONT SCREEN:
for individual desk
for face-to-face desks



Finishes

Melamine of 25 mm thick with ABS edges of 2 mm.

White
Sand
Grey
Silver
Graphite
Black
Beech
Maple
Light acacia
Dark acacia
Oak
Dark oak
Carbon oak

Upholstered on particleboard panel 22 mm thick (total thickness 24 mm).

FRONT SCREEN

1 Level acoustic (with frame)

FRONT: For lengths 180, 160, 140, 120, 100 and 80 cm.

Fixed to the frame of the desk (all types of tops available).

Useful height: 59,4 cm
Total height: 62,6 cm

Support system with aluminium brackets painted in silver epoxy paint (RAL 9006), white (RAL 9016), graphite (RAL 7022) or black (RAL 9005).

FRONT SCREEN:
for individual desk
for face-to-face desks



Finishes

Aluminium frame painted in silver epoxy paint (RAL 9006), white (RAL 9016), graphite (RAL 7022) or black (RAL 9005).

Acoustic screens: upholstered 8 mm thick recycled PET panel. Density 2,40 kg/m^2. It is recommended to use porous fabric and avoid PU leather. Noise absorption 0,45 (MH) αw.

FRONT SCREEN

2 Level

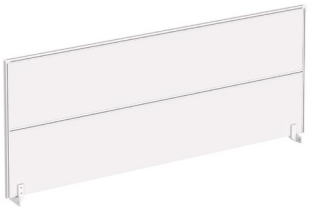
FRONT: For lengths 180, 160, 140, 120, 100 and 80 cm.

Fixed to the frame of the desk (all types of tops available).

Useful height: 59,8 cm
Total height: 62,7 cm

Support system with aluminium brackets painted in silver epoxy paint (RAL 9006), white (RAL 9016), graphite (RAL 7022) or black (RAL 9005).

FRONT SCREEN:
for individual desk
for face-to-face desks



Finishes

Aluminium frame painted in silver epoxy paint (RAL 9006), white (RAL 9016), graphite (RAL 7022) or black (RAL 9005).

Bottom and top panel finishes

Melamine of 25 mm thick with ABS edges of 0,8 mm on the bottom side.

White | Sand | Grey | Silver | Graphite | Black

Beech | Maple | Light acacia | Dark acacia | Oak | Dark oak

Carbon oak

Upholstered on particleboard panel 22 mm thick (total thickness 24 mm).

Top panel finishes

Methacrylate of 4 mm thickness.

Clear | Translucent

FRONT SCREEN

2 Level with guide

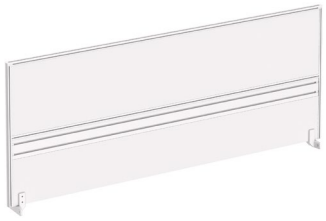
FRONT: For lengths 180, 160, 140, 120, 100 and 80 cm.

Fixed to the frame of the desk (all types of tops available).

Useful height: 59,8 cm
Total height: 62,7 cm

Support system with aluminium brackets painted in silver epoxy paint (RAL 9006), white (RAL 9016), graphite (RAL 7022) or black (RAL 9005).

FRONT SCREEN:
for individual desk
for face-to-face desks



Finishes

Aluminium frame painted in silver epoxy paint (RAL 9006), white (RAL 9016), graphite (RAL 7022) or black (RAL 9005).

Bottom and top panel finishes

Melamine of 25 mm thick.

White | Sand | Grey | Silver | Graphite | Black

Beech | Maple | Light acacia | Dark acacia | Oak | Dark oak

Carbon oak

Upholstered on particleboard panel 22 mm thick (total thickness 24 mm).

Top panel finishes

Methacrylate of 4 mm thickness.

Clear | Translucent

TOOLBAR

For lengths 180, 160 and 140 cm.

Fixed to the frame of the desk (all types of tops available).

FRONT:
for individual desk



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

Anodised aluminium

ACCESSORIES

1 Level- front and side screen

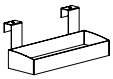
Translucent accesories hanged to the screen with an aluminium silver bracket.

⚠ Not allowed in methacrylate screens.

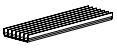
Small tray



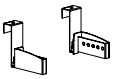
Large tray



Plastic guides for CDs



Hanging folder tray



1 Level - front screen with guide

Silver metal accessories hanged to the guide.

Metal pencil cup



Metal tray



Monitor holder



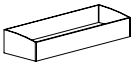
2 Level - front screen

Translucent accesories hanged to the guide.

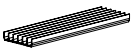
Small tray



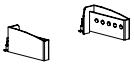
Large tray



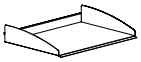
Plastic guides for CDs



Hanging folder tray



Metal tray Silver finish



2 Level - front screen with guide

Silver metal accessories hanged to the guide.

Metal pencil cup



Metal tray



Monitor holder



Toolbar

Silver metal accessories hanged to beam slots.

Metal pencil cup



Metal tray



Monitor holder



Led lamp 742 lm / 4.000K



ELECTRIFICATION KITS

Type A / B / C

CLICK HERE for more information.



Type D

CLICK HERE for more information.



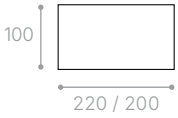
Type A2 / A3

CLICK HERE for more information.



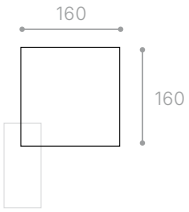
MEASUREMENTS (cm)

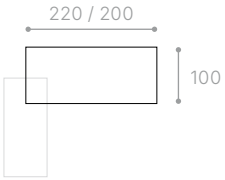
Individual desks

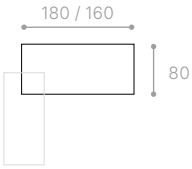




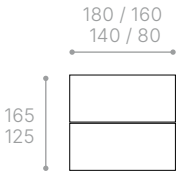
Individual desks with credenza

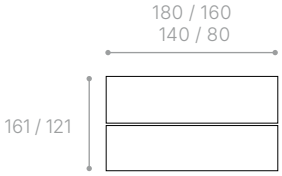




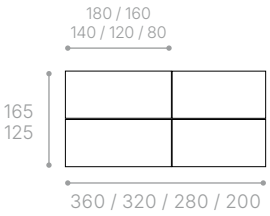


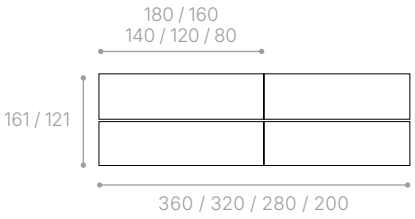
2 Face to face desks



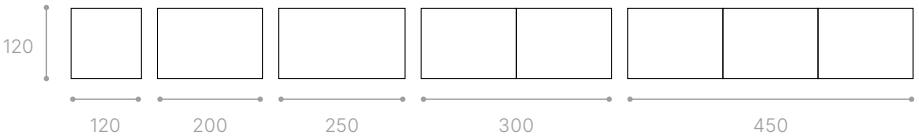


4 Face to face desks



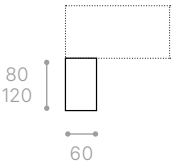


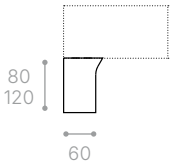
Meeting tables

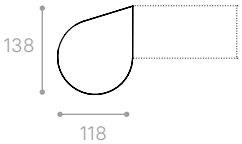


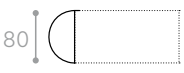


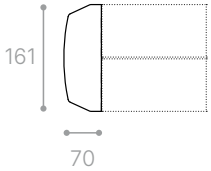
Complements

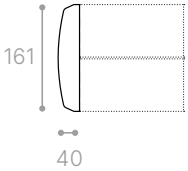












VERSIONS

Individual desks



4 Face to face desks



Meeting tables



CERTIFICATES AND CARE INSTRUCTIONS

Office desk

UNE-EN 527-1:2011
UNE EN 527-2: 2017+A1:2019

Meeting tables

UNE EN 15372:2017
UNE EN 1730:2013.

Care instructions

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

ECODESIGN

Recyclabilty and toxic materials

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

MATERIALS

- Wood used to manufacturer desk tops is from certified forests managed in a sustainable way.
- 44% of this table materials are recycled.

PRODUCTION

- Components and manufacturer packs are optimized to avoid chipboard remnant waste.
- Painting process is free of environment polluting emissions. It doesn't generate dangerous residues due to a closed cycle of water and epoxy-powdered paint.

SHIPPING

- Furniture is delived with our trucks. Routes are optimized to reduce CO_2 emissions.

USE

- Modular range with many complements: it is possible to extendend or modify the table shape without replacements.
- All kind of replacements are available. It is the better way to repair damage parts of the desk and prolong its utility.

END OF LIFE

- Desk is recyclable in a 96%.
- All the components can be disassembled easily and treat them separately for its recyclability.
- Desk packing materials are 100% recyclables.