MOBEL LINEA

D-8.3.7

born

Specs guide



SPECIFICATIONS

- DESKTOP
- METAL FRAME
- WOOD FRAME
- METAL + WOOD FRAME
- MANUFACTURING PROCESS

COMPLEMENTS

- MODESTY PANEL
- CABLE TRAYS
- SNAKE FOR CABLES
- CPU HOLDER
- MONITOR HOLDER
- LIGHTING
- SCREENS
- TOOLBAR
- ACCESSORIES

CABLE MANAGEMENT

- ELECTRIFICATION KITS

DOCUMENTATION

- MEASUREMENTS
- VERSIONS
- CERTIFICATES AND CARE INSTRUCTIONS
- ECODESIGN

DESKTOPS

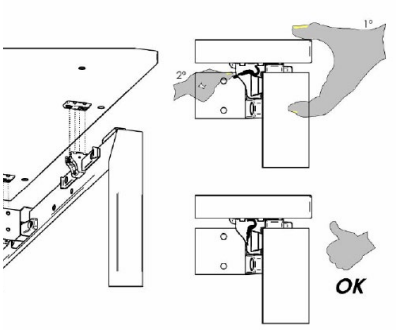
Melamine top

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.



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.



Finishes

White

Sand

Grey

Graphite

Black

Beech

Maple

Light acacia

Dark acacia

Oak

Dark oak

Carbon oak

METAL FRAME

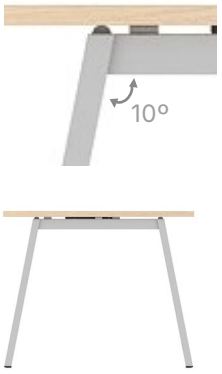
U-shape metal frame

Steel cold laminated beam and columns type E220 in a **rectangular shape** size 50 × 30 of 2 mm thickness.

Welded with MIG system **with 10º tilt angle in relation to the floor.**

In the highest part of columns there are silver, white, graphite or black ABS caps to avoid desktop bending.

In the lower side of the frame there are ABS silver, white, graphite or black glides with levellers (M6 and ± 1 cm height).



Central side

Steel cold laminated beam type E220 in a **rectangular shape** size 50 × 50 of 1,5 mm thickness welded to two square steel columns of 50 × 30 of 1,5 mm thickness.

Welded with MIG system **with 10º tilt angle in relation to the floor.**

In the lower side of the frame there are ABS silver, white, graphite or black glides with levellers (M6 and ± 1 cm height).

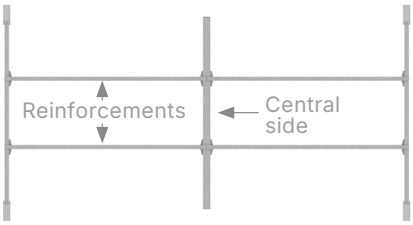
METAL FRAME

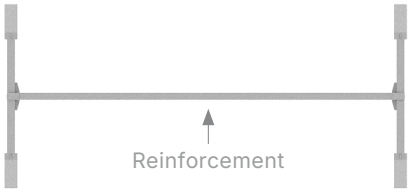
Reinforcement beam to fix both sides

Rectangular steel tube of 50 × 30 of 2 mm thickness. 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

Silver
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.

Finishes

White
RAL 9016

Sand

Silver
RAL 9006

Graphite
RAL 7022

Black
RAL 9005

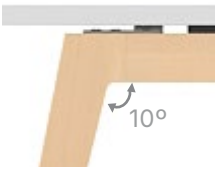
WOOD FRAME

U-shape wood frame

Beech veneer wood.

Beam of 60 × 60 mm joined to two rectangular columns of 60 × 30 mm (smallest side) with 10º tilt angle in relation to the floor.

In the lower side of the frame there are black levellers (M6 and ± 1 cm height). Glides with levellers (M6 and ± 1 cm height).

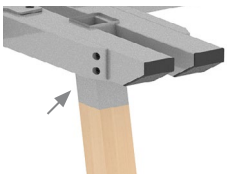




Beech wood veneer

Central side

Steel cold laminated beam of 50 × 50 of 1,5 mm thickness joined with M6 srews to two wood square columns of 50 × 50 mm **with 10º tilt angle in relation to the floor.**



Silver, white, graphite or black finish for beam and beech veneer wood for columns.

In the lower side of the frame there are black levellers (M6 and ± 1 cm height).

Higher part of the columns is metal finish in silver epoxy paint.

White RAL 9016

Sand

Silver RAL 9006

Graphite RAL 7022

Black RAL 9005

WOOD FRAME

Auxiliar metal frame

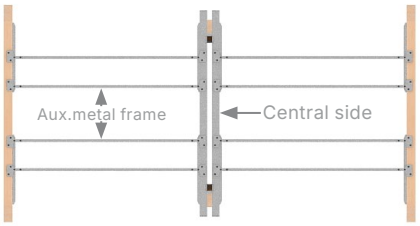
4 steel cold laminated tubes of 50 × 20 × 1,5 mm.

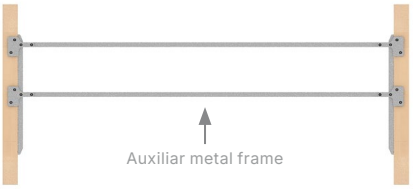
Welded with MIG system. Joined to desk structure with M6 screws.

Finished with epoxy paint.

Silver
RAL 9006

Each tube has a PP silver plug.





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.

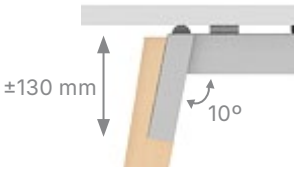
METAL + WOOD FRAME

U-shape metal + wood frame

Steel cold laminated beam and columns type E220 in a **rectangular shape** size 50 × 30 of 2 mm thickness.

Two rectangular beech veneer wood columns of 50 × 50 - 50 × 30 mm (smallest side).

Welded with MIG system **with 10º tilt angle in relation to the floor** and screws.



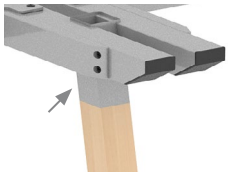


In the highest part of columns there are silver, white, graphite or black ABS caps to avoid desktop bending.

In the lower side of the frame there are ABS silver, white, graphite or black glides with levellers (M6 and ± 1 cm height).

Central side

Steel cold laminated beam of 50 × 50 of 1,5 mm thickness joined with M6 srews to two wood square columns of 50 × 50 mm **with 10º tilt angle in relation to the floor.**



Silver, white, graphite or black finish for beam and beech veneer wood for columns.

In the lower side of the frame there are black levellers (M6 and ± 1 cm height).

Higher part of the columns is metal finish in epoxy paint

White
RAL 9016

Sand

Silver
RAL 9006

Graphite
RAL 7022

Black
RAL 9005

METAL + WOOD FRAME

Reinforcement beam to fix both sides

Rectangular steel tube of 50 × 30 of 2 mm thickness. 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.

Silver
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.

White
RAL 9016

Beech wood veneer



Sand

Beech wood veneer



Silver
RAL 9006

Beech wood veneer



Graphite
RAL 7024

Beech wood veneer



Black
RAL 9005

Beech wood veneer



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

19 mm of thickness. Recoated chipboard with melamine of 120 grs/m² in both faces with a density of 630 Kg/m³ ± 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

Cold folded steel sheet of 0.8 mm quality DC01.

White RAL 9016

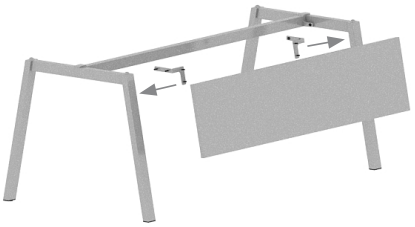
Sand

Silver RAL 9006

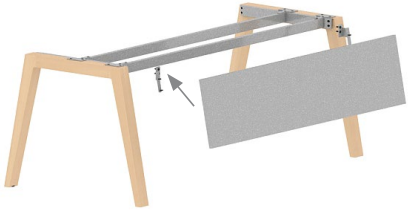
Graphite RAL 7022

Black RAL 9005

For metal and metal + wood frame: Fixed to sides frame of the desk with steel brackets painted in epoxy paint.



For wood frame: Fixed to the auxiliar metal frame of the desk with steel brackets painted in epoxy paint.



For lengths 180, 160 and 140 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

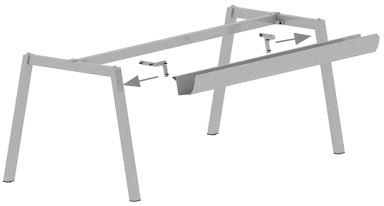
Graphite
RAL 7022

Black
RAL 9005

Individual

For lengths 180, 160 and 140 cm.

For metal and metal + wood frame: Fixed to sides frame of the desk with steel brackets painted in epoxy paint.



For wood frame: Fixed to the auxiliar metal frame of the desk with steel brackets painted in epoxy paint.

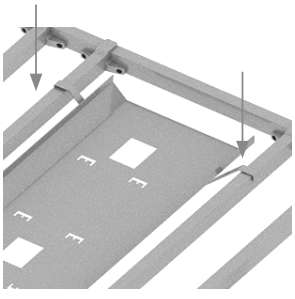


Double

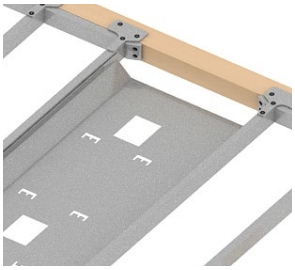
For lengths 250, 200, 160, 150, 140 cm and 120 cm.

For metal and metal + wood frame D.80 / D.60:

For wood frame D.60: Fixed to the reinforcement beam of the desk with steel brackets painted in epoxy paint.



For wood frame D.80: Fixed to the auxiliar metal frame of the desk with M6 screews.

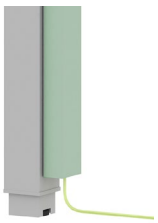


SNAKE FOR CABLES

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

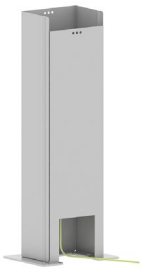
Magnetic: There is no need of fittings for desk's frame.

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

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 (Ø 10/11 mm)

WORKSTATION LIGHTING

For lengths 180, 160 and 140 cm.

Frame

Frame consist in **three components:**

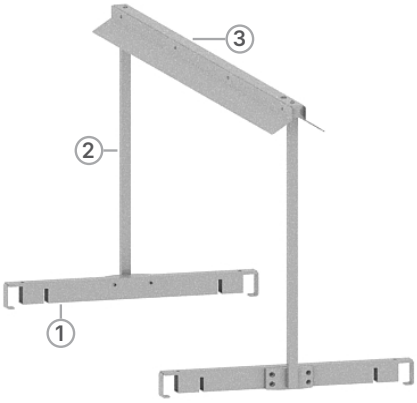
1) **Fixing fitting**: 4 steel metal plates of 3 mm screwed perpendicularly between two steel cold laminated beams of 50 × 30 × 2 mm and desk frame.

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 and 140 cm

SIDE: For depths 160 and 120 cm.

Fixed to the frame of the desk.

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 face-to-face desks

MIDDLE-SIDE SCREEN:
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

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).

Acoustic panel upholstered: on microporous recycled PET-based panel, 25 mm thick (total thickness 27 mm). Density 6 kg/m^2. It is recommended to use porous fabric and avoid PU leather. Noise absorption 0,45 (MH) αw.

FRONT SCREEN

1 Level with guide

FRONT: For lengths 180, 160 and 140 cm

Fixed to the frame of the desk.

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 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 and 140 cm

Fixed to the frame of the desk.

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 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 and 140 cm

Fixed to the frame of the desk.

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).

PANEL FRONTAL:
para mesas enfrentadas



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

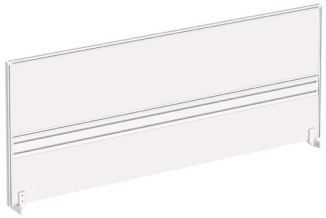
FRONT: For lengths 180, 160 and 140 cm.

Fixed to the frame of the desk.

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 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 desk top.

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

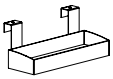
Translucent accesories hanged to the screen with an aluminium silver bracket.

⚠ Not allowed in methacrylate screens.

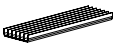
Small tray



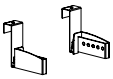
Large tray



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



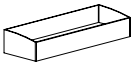
2 Level - front screen

Translucent accesories hanged to the guide.

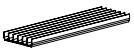
Small tray



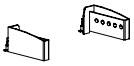
Large tray



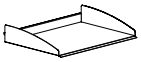
Plastic guides for CDs



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.



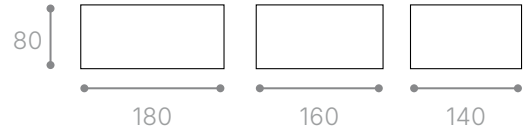
Type A2 / A3

CLICK HERE for more information.

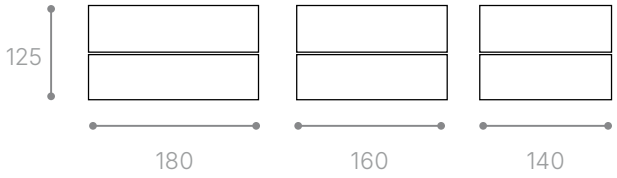


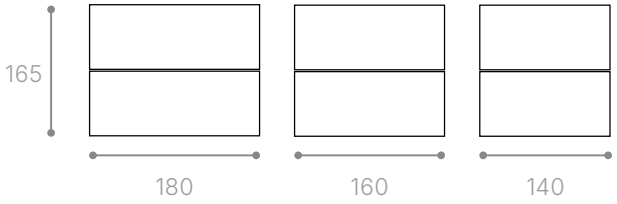
MEASUREMENTS (cm)

Individual desks

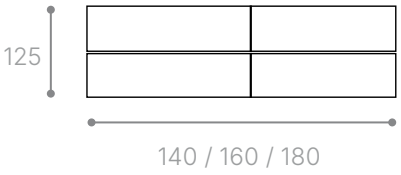


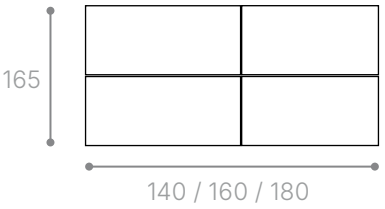
2 Face to face desks



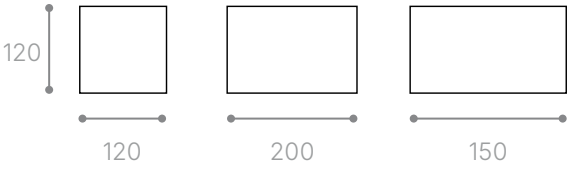


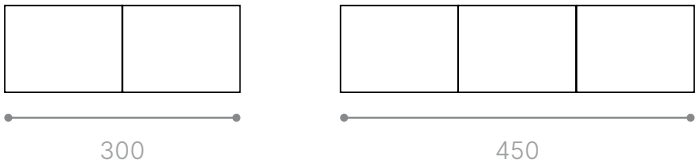
4 Face to face desks



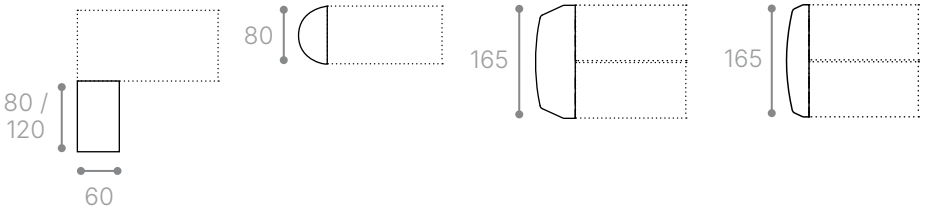


Meeting tables





Complements



VERSIONS

Metal frame







Wood frame







VERSIONS

Metal + wood frame



CERTIFICATES AND CARE INSTRUCTIONS

Desk

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

Meeting tables

UNE EN 15372:2017

Care instructions

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

Then dry with a clean, dry cloth.

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



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 97%.
- All the components can be disassembled easily and treat them separately for its recyclability.
- Desk packing materials are 100% recyclables.