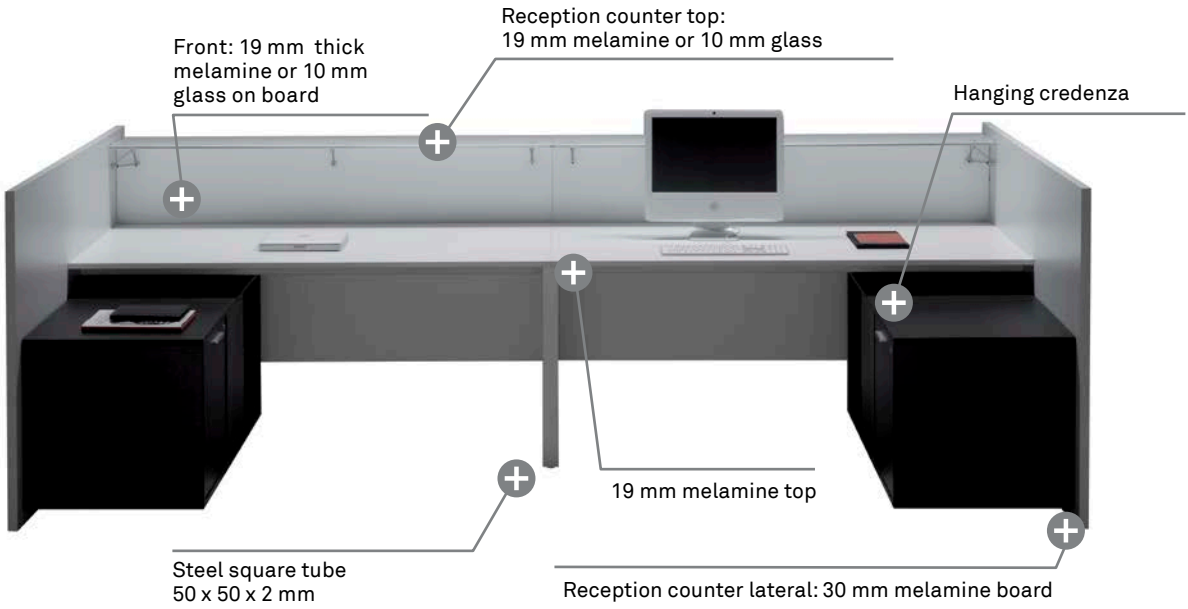
Forma 5

TECHNICAL FEATURES

RECEPTION COUNTERS

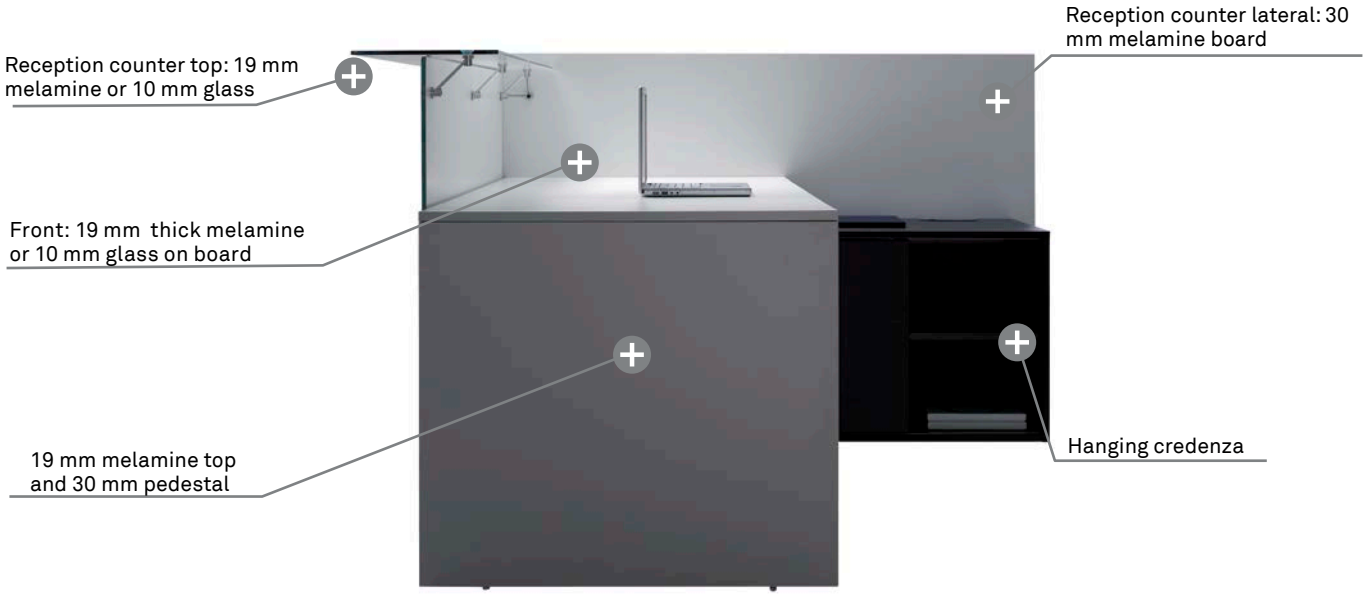
F25


Front: 19 mm thick melamine or 10 mm glass on board
Reception counter top: 19 mm melamine or 10 mm glass
Hanging credenza
19 mm melamine top
Steel square tube 50 x 50 x 2 mm
Reception counter lateral: 30 mm melamine board

M10


Front: 19 mm thick melamine or 4 mm glass on board
Reception counter top: 19 mm top
30 mm thick particles board
Reception counter lateral: 19 mm melamine board
60 x 30 x 2 mm double tube framework

V30


Reception counter top: 19 mm melamine or 10 mm glass
Reception counter lateral: 30 mm melamine board
Front: 19 mm thick melamine or 10 mm glass on board
19 mm melamine top and 30 mm pedestal
Hanging credenza

F25

TOP
19 mm thick melamine particle board. Rectangular shape. 2 mm thick thermofused edges. Drilled underneath for a correct assembly. The P2 board quality meets the UNE-EN 312 standard requirements. The 19 mm thick board density is 630 kg/m^3.


F25

LEG FRAME
50 x 50 x 2 mm square steel frame. 100 micron epoxy paint layer finish. 45º angle trestle shape. Levellers as floor support to keep the desk surface straight on all floors.

FRAMEWORK
60 x 30 x 2 mm tube double reinforced framework to provide strength to the set and connect the leg frames, the counter lateral and the front paravent. 100 micron epoxy paint layer finish.

RECEPTION COUNTER LATERAL
The counter is laterally closed with a 30 mm thick and 1700 mm depth melamine wall. Same height as the counter top. Thermofused edges around the perimeter. The lateral supports a storage module attached to the workstation, which combines in one module a pedestal, a shelf an some space for the CPU and is partially closed by a sliding door.

SCREEN AND RECEPTION COUNTER TOP
19 mm thick melamine or 10 mm thick glass paravent. The screen dimensions are the same as the desk front dimensions. The counter top is supported by the paravent and the lateral wall.

M10

TOP
30 mm thick melamine particle board. Rectangular shapes. 2 mm thick thermofused edges. The P2 board quality meets the UNE-EN 312 standard requirements. The 19 mm thick board density is 630 kg/m^3.


M10

LEG FRAME
60 x 30 x 2 mm square steel frame. 100 micron epoxy paint layer finish. 45º angle trestle shape. Levellers as floor support to keep the desk surface straight on all floors.

FRAMEWORK
60 x 30 x 2 mm tube double reinforced framework to provide strength to the set and connect the legframes, the counter lateral and the front screen. Painted with 100 micron epoxy paint.

RECEPTION COUNTER LATERAL
For both high and low counters, the lateral is finished with an open cabinet for storage or decoration. It is made of 19 mm thick melamine particle board with thermofused edeges around the perimeter. This cabinet is located under the desk top for low counters and near the desk top for high counters.

SCREEN AND RECEPTION COUNTER TOP
19 mm thick melamine or 4 mm thick glass sticked to a 19 mm thick melamine particle board paravent. 19 mm thick melamine counter top. The screen dimensions are the same as the front desk top dimensions. The counter top is supported by the paravent and the lateral open cabinet. The desk top and the counter desk are the same for low counters.

V30

COUNTER TOP WORKSTATION:
Counter top: 30 mm thick melamine legs, one wall type with higher and deeper.

FRONT AND COUNTER TOP
10 mm thick glass front and counter top or 19 mm thick melamine board. 19 mm thick melamine desk top avec 2 mm thick thermofused edge. 1,5 mm steel sheet electrifiable tray.

CREDENZA
Crendenza: hanging from wall and the metal structure. Formed by a 19 mm melamine framework. Dimensions: 1200 x 550 x 550 mm. Three elements: drawers (three drawers or drawer + file drawer), CPU holder and a space. A sliding door and desk grommets included.


V30

CABLE MANAGEMENT

1. As for the accessibility, we highlight 2 possibilities:
- **Aluminium top access**:auminium part overall dimensions 367 x 127 x 33 mm. Extruded tap aluminium 348 x 89 mm and 4 mm average thickness. Aluminium injection inner piece average thickness 2.5 mm.
- **Polyamide top access**: polyamide part outer dimensions are 245 mm x 125 mm x h: 25 mm. The inner has a gap of 225mm x 90mm for the cable management. Set of two pieces made of polyamide with 10% glass fiber and 20% microspheres.
- **Square desk grommets**: ABS tap of 94 x 94 mm and polished finish. Polypropylene piece Ø 80 mm inner. Height 25 mm (2 mm over top).

2. As for the distribution, we highlight:
- **Metal transversale cable tray**: 1,5 mm thick blank folded sheet tray. Dimensions 463 x 136 x 124 mm. Folds for fixing between beams.
- **Metal cable tray to service power outlet** : made of steel sheet, 1,2 mm thickness and 300 mm in length. Possibility of setting a power block. Fixing in the desk top with wooden screws. outlet
- **Polypropylene wire cable tray**: variable thick polypropylene tray. Overall dimensions 472 x 360 x 114 mm. Fixation to beams by folds in the mold. It is possible to screw it to the top.
- **Polypropylene cable tray**: variable thick polypropylene tray. Overall dimensions 365 x 165 x 150 mm. Fixation to top directly by screws.
- The vertical cable management is performed through a metal pillar or a vertebral kit.

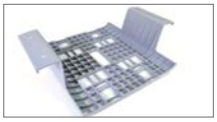

Aluminium top access


Polyamide top access


Square desk grommets

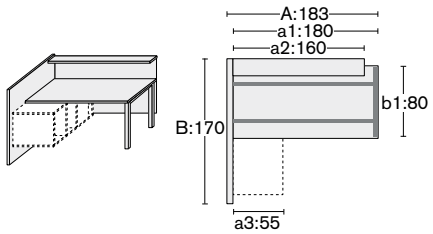
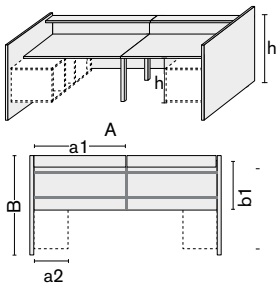
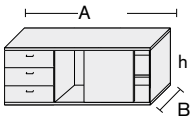
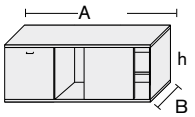

Metal transversale cable tray


Metal cable tray to service power outlet

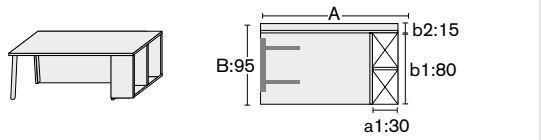
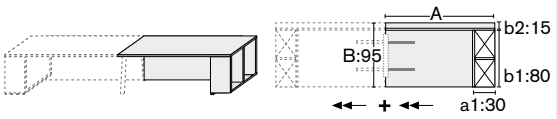
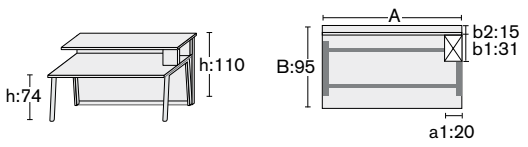
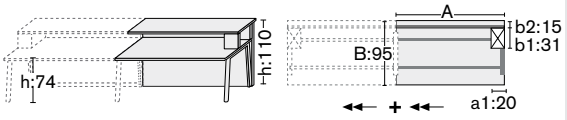
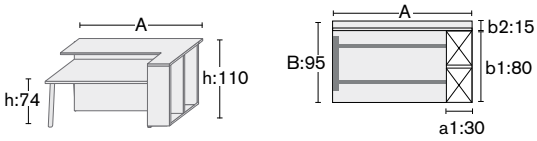
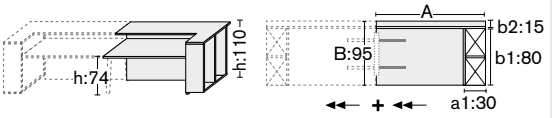

Polypropylene wire cable trays


Polypropylene cable trays

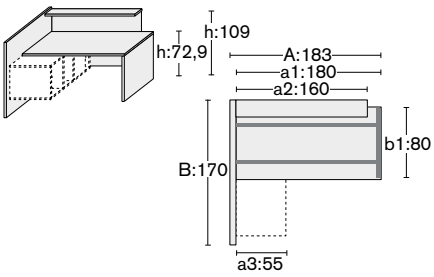
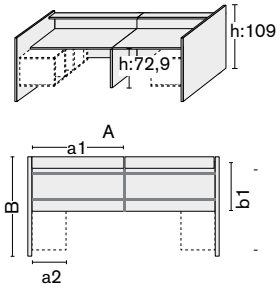
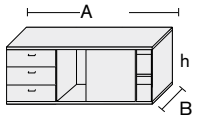
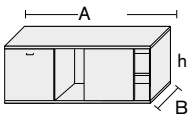
F25

	RECEPTION COUNTER	A/a1/a2/a3 x B/b1 x h	183/180/160/55 x 170/80 x 110
	DOUBLE RECEPTION COUNTER	A/a1/a2 x B/b1 x h	326/163/55 x 170/80 x 110
	HANGING CREDENZA	A x B x h	120 x 55 x 55
	HANGING CREDENZA Drawer + filing drawer, CPU holder and space for shelf	A x B x h	120 x 55 x 55

M10

	LOW RECEPTION COUNTER	A/a1 x B x h	190/30 x 95 x 74 170/30 x 95 x 74
	LOW RECEPTION COUNTER WITHT END LINK	A/a1 x B x h	190/30 x 95 x 74 170/30 x 95 x 74
	HIGH RECEPTION COUNTER	A/a1 x B x h	160/20 x 95 x 110 140/20 x 95 x 110
	HIGH RECEPTION COUNTER WITHT END LINK	A/a1 x Bx h	160/20 x 95 x 110 140/20 x 95 x 110
	HIGH RECEPTION COUNTER	A/a1 x B x h	190/30 x 95 x 110 170/30 x 95 x 110
	HIGH RECEPTION COUNTER WITHT END LINK	A/a1 x B x h	190/30 x 95 x 110 170/30 x 95 x 110

V30

	RECEPTION COUNTER	A/a1/a2/a3 x B/b1 x h	183/180/160/55 x 170/80 x 109
	DOUBLE RECEPTION COUNTER	A/a1/a2 x B/b1 x h	326/163/55 x 170/80 x 109
	HANGING CREDENZA	A x B x h	120 x 55 x 55
	HANGING CREDENZA Drawer + filing drawer, CPU holder and space for shelf	A x B x h	120 x 55 x 55

Life Cycle Analysis
Reception Counters

RAW MATERIALS						
	M10		V30		F25	
Raw Material	Kg	%	Kg	%	Kg	%	%Recycled material
Steel	30 ,67	46	28,57	57	17,63	46	Between 15% and 99%
Plastic	0,64	2	0,56	1	0,87	2	Between 30% and 40%
Wood	27,16	52	21,45	42	20,09	52	70% recycled material and certified with PEFC/FSC and E1

% Recycled material= 52% (M10 and F25) - 58% (V30)
% Recyclable materials=99%

Ecodesign

Results reached during the life cycle stages

MATERIALS

Wood
70% of the wood material is recycled, has PEFC/FSC and complies within the E1 standard.

Steel
15%-99% recycled material.

Plastic
30%-40% recycled material.

Paintings
Podwer painting without COV emissions

Packings
100% recyclable with inks with no solvents.

PRODUCTION

Raw materials use optimization
Board, upholstery and steel tubes cut.

Renewable energies use
reducing the CO2 emissions. (Photovoltaic pannels)

Energy saving measures
in all production process

COV global emission reduction
of the production processes by 70%.

Podwer painting
ecovery of 93% of the non deposited painting

Glue removal from the upholstery

The facilities
have an internal sewage for liquid waste.

Green points
at the factory

100% waste recycling
at production process ans dangerous waste special treatment.

TRANSPORT

Cardboard use opmitization
of the packings

Cardboard and packing materials use reduction

Flat packings and small bulks
to optimize the space.

Solid waste compacter
which reduces transport and emissions.

Light volumes and weights

Transport fleet renewal
reducing by 28% the fuel consumption.

Suppliers area reduction
Local market power and less pollution at transport.

USE

Easy maintenance and cleaning
without solvents.

Forma 5 guarantee

The highest quality
for materials to provide a 10 year average life of the product.

Useful life optimization
of the product due to a standarized and modular design.

The boards
with no E1 particle emission.

END LIFE

Easy unpacking
for the recyclability or compound reuse.

Piece standarization
for the use.

Recycled materials used for products (% recyclability):
Wood is 100% recyclable.
Steel is 100% recyclable.
Plastics are from 70 to 100% recyclable.

With no air or water pollution
while removing waste.

Returnable, recyclable and reusable packing

MAINTENANCE AND CLEANING GUIDE

MELAMINE PIECES

Rub the dirty spots with a wet cloth with PH neutral soap.

PLASTIC PIECES

Rub the dirty spots with a wet cloth with PH neutral soap.

METAL PIECES

1. Rub the dirty spots with a wet cloth with PH neutral soap.

2. Polished aluminium pieces can have their polish bak by covering and rubbing them with a dry cottom cloth.

Do not use abrasive products in any case.

F25 - Developed by TANDEM COMPANY

M10 - Developed by MARIO RUIZ

V30 - Developed by JOSEP LLUSCÁ