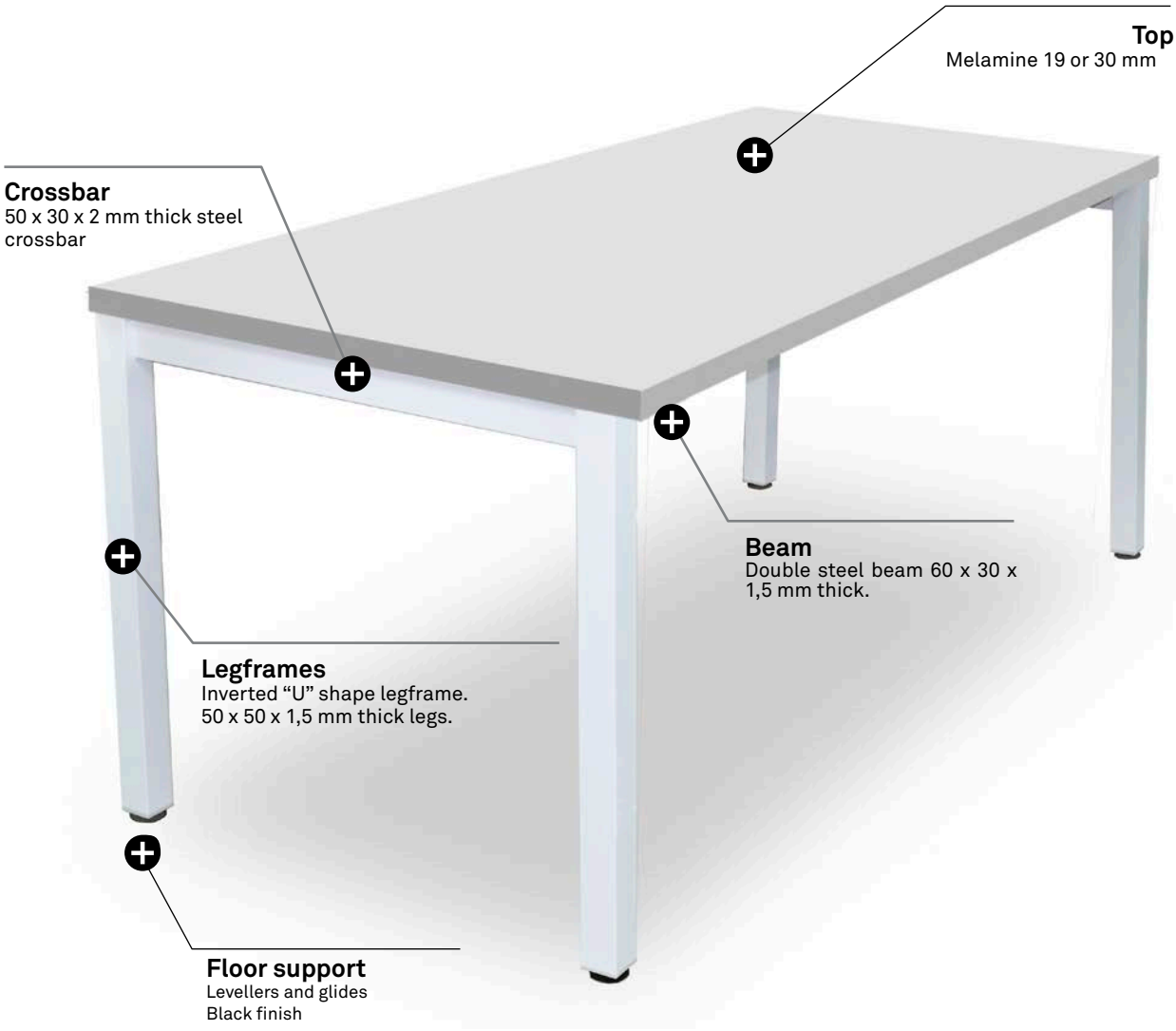
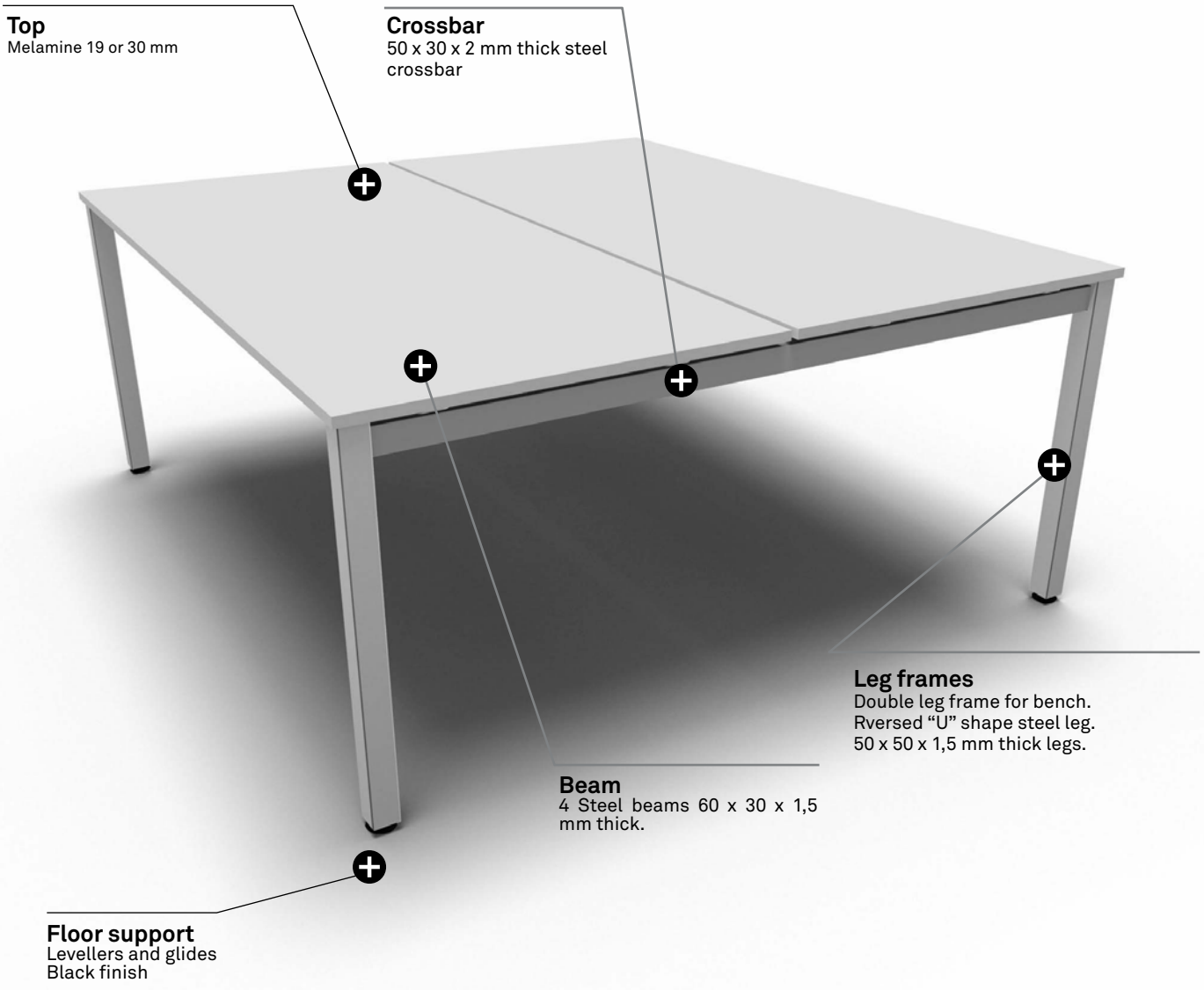
Forma 5

TECHNICAL FEATURES

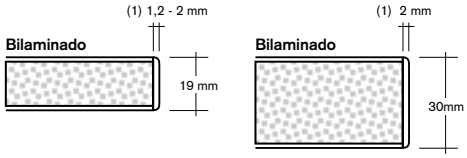
ZAMA

For anti-electrostatic solutions, please ask us the conditions.




Top
Melamine 19 or 30 mm
Crossbar
50 x 30 x 2 mm thick steel crossbar
Leg frames
Double leg frame for bench.
Rversed “U” shape steel leg.
50 x 50 x 1,5 mm thick legs.
Beam
4 Steel beams 60 x 30 x 1,5 mm thick.
Floor support
Levellers and glides
Black finish

BOARD



EDGE WIDTH	19 mm BOARD	30 mm BOARD
2 mm (1)	Desk top	Desk top

TOP

Melamine tops: 19 or 30 mm thick melamine particle board. 2 mm thick thermofused edges around the perimeter. Drilled underneath to allow the assembly.
The average density for 30 mm thick boards is 610 kg/m^3. The average density for 19 mm thick boards is 630 kg/m^3.


Melamine top

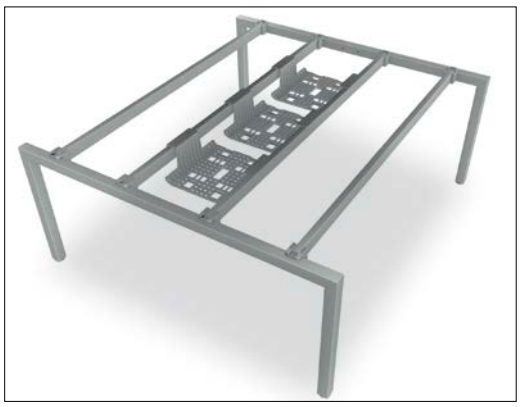
LEG FRAMES

It is the main part of the structure with 50 x 50 x 1,5 mm simple square tube legs that meet crossbar creating a leg frame. The crossbar is made of 50 x 30 x 2 mm thick steel.
Finished with 100 micron epoxy paint. The join between frames and frames with table top is carried out with 60 x 30 x 1.5 mm beams which works as a top support. For the floor support the structure incorporates glides and levellers finished in black that allow keeping the surface of the table in line at any type of soil.

- **SIMPLE:** for single desks. Available in 2 sizes (80 / 60 cm)
- **DOUBLE:** for bench desks. Available in 2 sizes: 162 (for bench with 80 depth desk) y 122 (for bench with 60 depth desk).
- **SHARED LEG FRAME:** for bench. Available in two dimensions 132 cm (for bench with 80 depth desk) y 92 cm (for bench with 60 depth desk). The last type provides longitudinal growth for add-on desks and, as it is shorter than the bench side where it is installed, it facilitates the workstation's access to the complements.


Leg frame


Detail



SCREEN

MELAMINE: 19 mm thick particle board with 1.2 mm thermofused edges around the perimeter. Fixed to the structure with specific fittings hidden below the desk.

GLASS: 6 mm (3+3 mm) laminated glass with inner butyral sheet. Polished edges and rounded corners.
Fixed to the structure by specific fittings hidden below the desk.

UPHOLSTERED: 16 mm thick particle board base with both sides upholstered. Sewings at laterals. Share fittings with the rest of the screens.

UPHOLSTERED ACOUSTIC: 16 mm thick particleboard base covered with a 5 mm thick foam cover with 60Kg/m^3 density and upholstered on both sides. Double perimeter seam. Fixing to the structure of the desk by specific fittings.


Melamine


Upholstered


Glass


Acoustic

MODESTY PANEL

19 mm thick melamine particle board with 1.2 mm thick thermofused edges around the perimeter, fixed to the structure through specific fittings hidden behind the desk. Wide range of finishes.
steel sheet modesty panel finished in 1.5 mm thick powder textured epoxy paint, polymerized at 220ºC. Fittings included for the assembly. It hangs from the front beam.


Melamine


Metal

ACCESSORIES FOR DESK SURFACE

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).

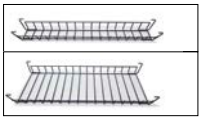
POLYAMIDE TOP ACCESS
Polyamide part outer dimensions are 245 mm x 125 mm x h: 25 mm. The inner has a gap of 225mm x 90mm for the cable management. Set of two pieces made of polyamide with 10% glass fiber and 20% microspheres.

ALUMINIUM TOP ACCESS
Aluminium 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.

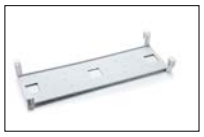
HORIZONTAL CABLE DRIVING

METAL TRANSVERSALE CABLE TRAY
1,5 mm thick blank folded sheet tray. Dimensions 463 x 136 x 124 mm. Folds for fixing between beams.

REMOVABLE METAL TRANSVERSALE CABLE
1,2 mm thick folded sheet metal tray, with final piece and fastening polyamide clamp to beam. Sheet dimensions: 920/720 x 121.9 x 98.3 mm. Overall dimensions: 1000/800 x 195.4 x 133.4 mm.



REMOVABLE WIRE CABLE TRAYS
Electrowelded wire tray Ø 5 mm rod. Fix to the tap by metal plates.



REMOVABLE METAL DOUBLE CABLE TRAY
1,2 mm thick folded sheet tray. Dimensions 1200/1000 x 338 mm. Polyamide pieces for subjection to beam. Overall dimensions of the set: 1200/1000 x 489.3 x 142.5 mm.

POLYPROPYLENE CABLE TRAY
Variable thick polypropylene tray. Overall dimensions 365 x 165 x 150 mm. Fixation to top directly by screws.

METAL CABLE TRAY TO SERVICE POWER
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.

VERTICAL CABLE DRIVING

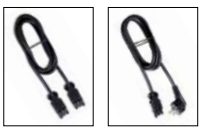
METAL CABLE PILLAR
1,5 mm thick metal pillar. Section 71 x 70 mm, base 160 x 160 mm. Overall height 572.5 mm.

F25, ZAMA AND ZAMA NEXT CABLE MANAGEMENT PILLAR
1 mm thick folded sheet metal column in "C" shape. 51 x 41,5 mm and 584 mm height. Fixation to leg by pressure.

CABLE SPINE FOR ELECTRIFICATION
Spiral thermoplastic material, anchored to the top by screws and to the ground with a pedestal base. Silver gray finish.

ADDITIONAL ACCESSORIES

ADJUSTABLE CPU CABINET
Support folded metal sheet, 2 mm thick. Adjustable height and width to suit different dimensions. Screwed to desk top. Flexible polyurethane protections to prevent vibration and to ensure an optimal fit.

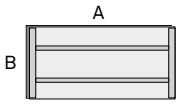
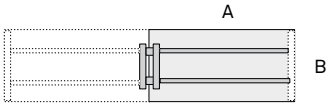
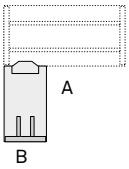
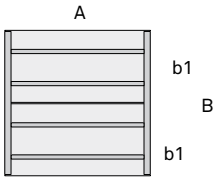
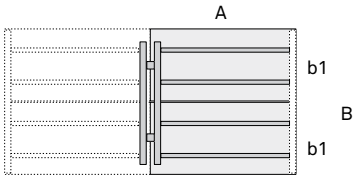


POWER CABLE AND EXTENSION CABLE
3 x 1,5 mm² cable 250V 16A with grounding.

4 WAY POWER BLOCK
16A 250V sockets with 3 x 1.5 mm² power cable. CAT5E network cable.

3 WAY POWER BLOCK WITH 2X RJ45 DATA
16A 250V sockets with 3 x 1.5 mm² power cable. CAT5E network cable.

SINGLE DESK - RETURN DESK - BENCH

	DESK	A x B	180 x 80 180 x 60 160 x 80 160 x 60 140 x 80 140 x 60 120 x 80 120 x 60 100 x 80 100 x 60
	ADD-ON DESK	A x B	180 x 80 180 x 60 160 x 80 160 x 60 140 x 80 140 x 60 120 x 80 120 x 60 100 x 80 100 x 60
	RETURN DESK	A x B	100 x 60 80 x 60
	BENCH	A x B / b1	180 x 162/80 180 x 122/60 160 x 162/80 160 x 122/60 140 x 162/80 140 x 122/60 120 x 162/80 120 x 122/60
	ADD-ON DESK BENCH	A x B / b1	180 x 162/80 180 x 122/60 160 x 162/80 160 x 122/60 140 x 162/80 140 x 122/60 120 x 162/80 120 x 122/60

TOP 19 mm h: 74 cm
TOP 30 mm h: 75,1 cm

Life Cycle Analysis
Zama Programme

RAW MATERIALS		
Raw Material	Kg	%
Steel	14,88 Kg	39%
Plastic	0,87 Kg	2%
Wood	22,50 Kg	59%

% Recycled material= 57%
% 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.

With no air or water pollution
while removing waste.

Returnable, recyclable and reusable packing

Product recyclability 99%

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.

GLASS PIECES

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

Do not use abrasive products in any case.

LEGAL TERMS

CERTIFICADOS

Forma 5 certifies that ZAMA programme has passed tests conducted in the laboratory of internal Quality Control and TECNALIA Research Technology Center, obtaining “satisfactory” results in the following tests:

UNE-EN 527-1:2011 norm. Office furniture. Desks. Part 1: Dimensions.
UNE-EN 527-2:2002 norm. Office furniture. Desks. Part 2: Security mechanism requirements.
UNE-EN 527-2:2003 norm. Office furniture. Desks. Part 3: Testing methods to determine the stability and mechanic resistence of the structure.

Developed by FORMA 5 R&D