

Forma 5

TECHNICAL FEATURES
LET'S WORK



Cable management

Optional desk grommets, top access or an integrated power module

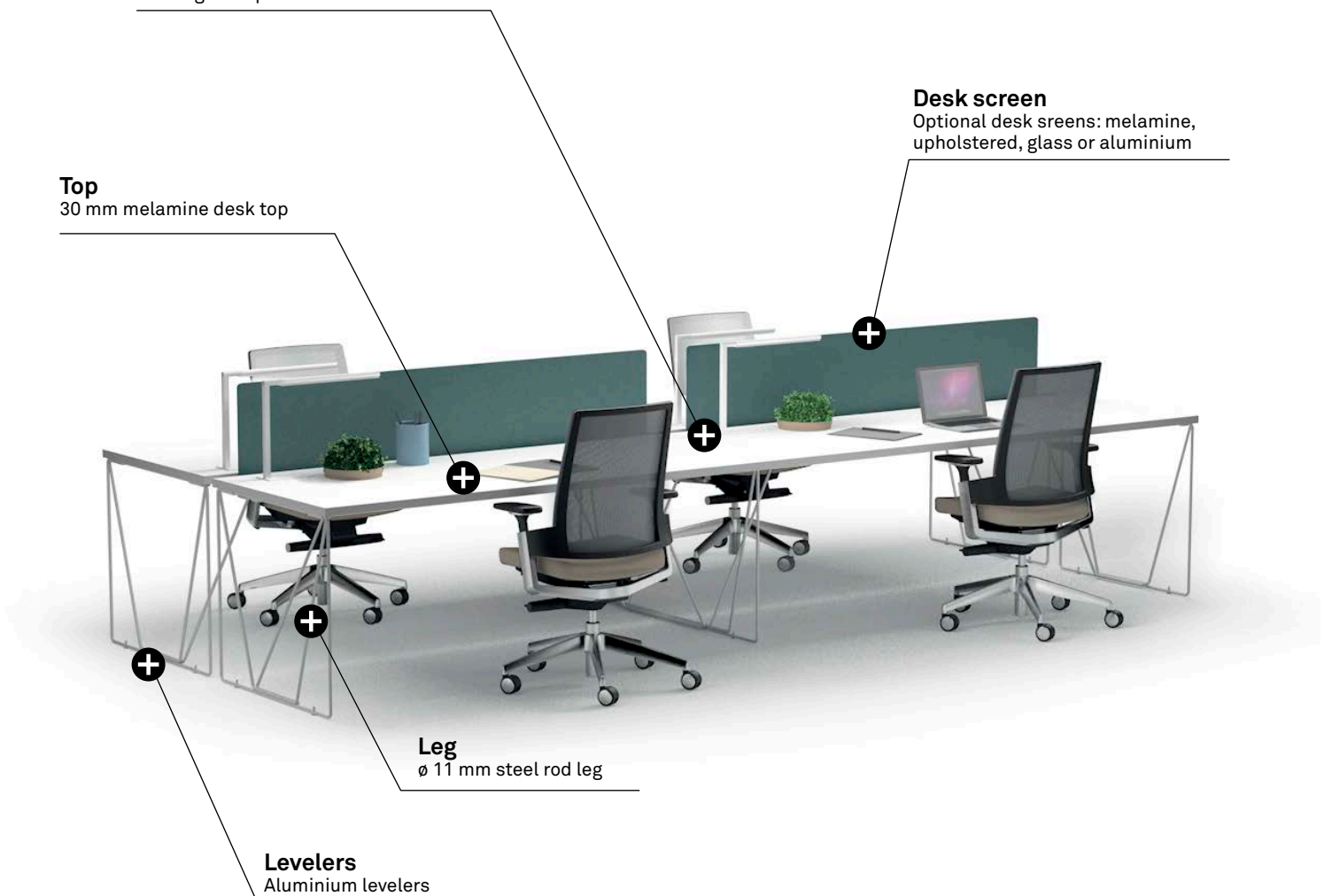
Desk screen

Optional desk screens: melamine, upholstered, glass or aluminium

Top
30 mm melamine desk top

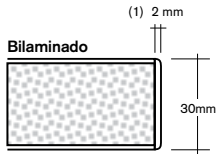
Leg
ø 11 mm steel rod leg

Levelers
Aluminium levelers



ELEMENT DESCRIPTION

BOARD



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

TOPS

Melamine top: 30 mm thick melamine particle board. 2 mm thick thermofused edges. A wide selection of finishes. The quality requirements for the board are made according to the UNE-EN312 legal terms, corresponding to P2 board. The average density for 30 mm thick boards is 610 kg/m³.



LEGS

Fixed structure is calibrated solid rods of Ø 11mm and covered with epoxy paint of 80 microns thickness. The structure, with a rectangular frame form, incorporates a supportive tight that gives support to the desk top. Every leg have two aluminium levelers to compensate small displacements on the support surface.



DESK SCREENS

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.



Melamine



Upholstered

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.



Glass



Acoustic

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/m³ density and upholstered on both sides. Double perimeter seam. Fixing to the structure of the desk by specific fittings.

ALUMINIUM DESK SCREEN-SHEL: The specific solution that offers this program for bench is the aluminium desk screen-shelf, it is made of aluminium sheet with 3 mm thickness. It consists of two pieces that are heading in opposite desks, and they incorporate, under desk, an extension that provides the setting of schukos or the cable management for electrical installations. They have the option to put between them different desk screens solutions: upholstered with different levels or standard for bench, upholstered, melamine or glass described in point 2.



Aluminium

CABLE MANAGEMENT

1. As for the accessibility, we highlight 2 possibilities:

- Integrated power module: optional electrification system which is installed in the top and allows 3 outlets in the same surface (342 x 76 mm). This scuhko is available with the same standard international cable management or UK system.
- 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.
- 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:

- Removable wire cable trays: electrowelded wire tray Ø 5 mm rod. Fix to the tap by metal plates.
- 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 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.



Integrated power module



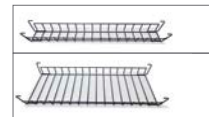
Aluminium top access



Polyamide top access



Square desk grommets



Removable wire cable trays




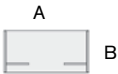

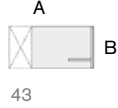

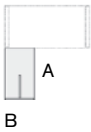

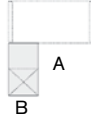

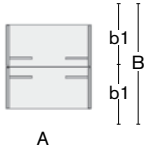
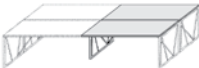
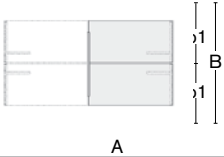
Metal cable tray to service power



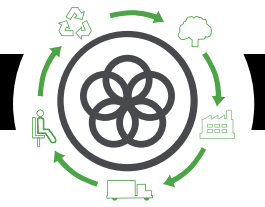
Polypropylene cable trays

CONFIGURATIONS AND DIMENSIONS

SINGLE DESK - RETURN DESK - BENCH

		RECTANGULAR DESK SUPPORTED BY 2 TRESTLES	A x B	180 x 80 160 x 80 140 x 80 120 x 80
		RECTANGULAR DESK SUPPORTED BY 1 TRESTLE AND A PEDESTAL	A x B	180 x 80 160 x 80 140 x 80
		RETURN DESK - TRESTLE SUPPORT	A x B	100 x 56 80 x 56
		RETURN DESK - SUPPORT PEDESTAL	A x B	100 x 56 80 x 56
		BENCH DESK SUPPORTED BY 4 TRESTLES	A x B	180 x 166/80 160 x 166/80 140 x 166/80 120 x 166/80
		ADD-ON BENCH DESK WITH TRESTLES	A x B	180 x 166/80 160 x 166/80 140 x 166/80 120 x 166/80

TOP 30 mm h: 74,5 cm



Life Cycle Analysis
LET'S WORK Program



RAW MATERIALS - CODE F4M01		
Raw Material	Kg	%
Steel	9,7 Kg	28,2%
Plastic	0,2 Kg	0,6%
Wood	24,5 Kg	71,2%

% 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

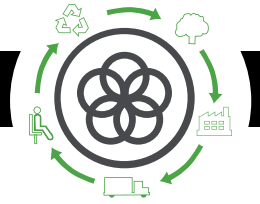
30%-40% recycled material.

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.

Aluminium is 100% recycable.

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.

GLASS PIECES

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

Do not use abrasive products in any case.

LEGAL TERMS

CERTIFICATES

Forma 5 certifies that Let's program has passed all tests provided by AENOR INTERNATIONAL:

UNE-EN-ISO 14006:2011 : management system certificate of Ecodesign

Forma 5 certifies that Let's Work 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 527-1-2001 norm. Office furniture. Desks. Part 1: Dimensions.

UNE EN 527-2-2003 norm. Office furniture. Desks. Part 2: Security mechanism requirements.

UNE EN 527-3-2003 norm. Office furniture. Desks. Part 3: Testing methods to determine the stability and mechanic resistance of the structure.

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