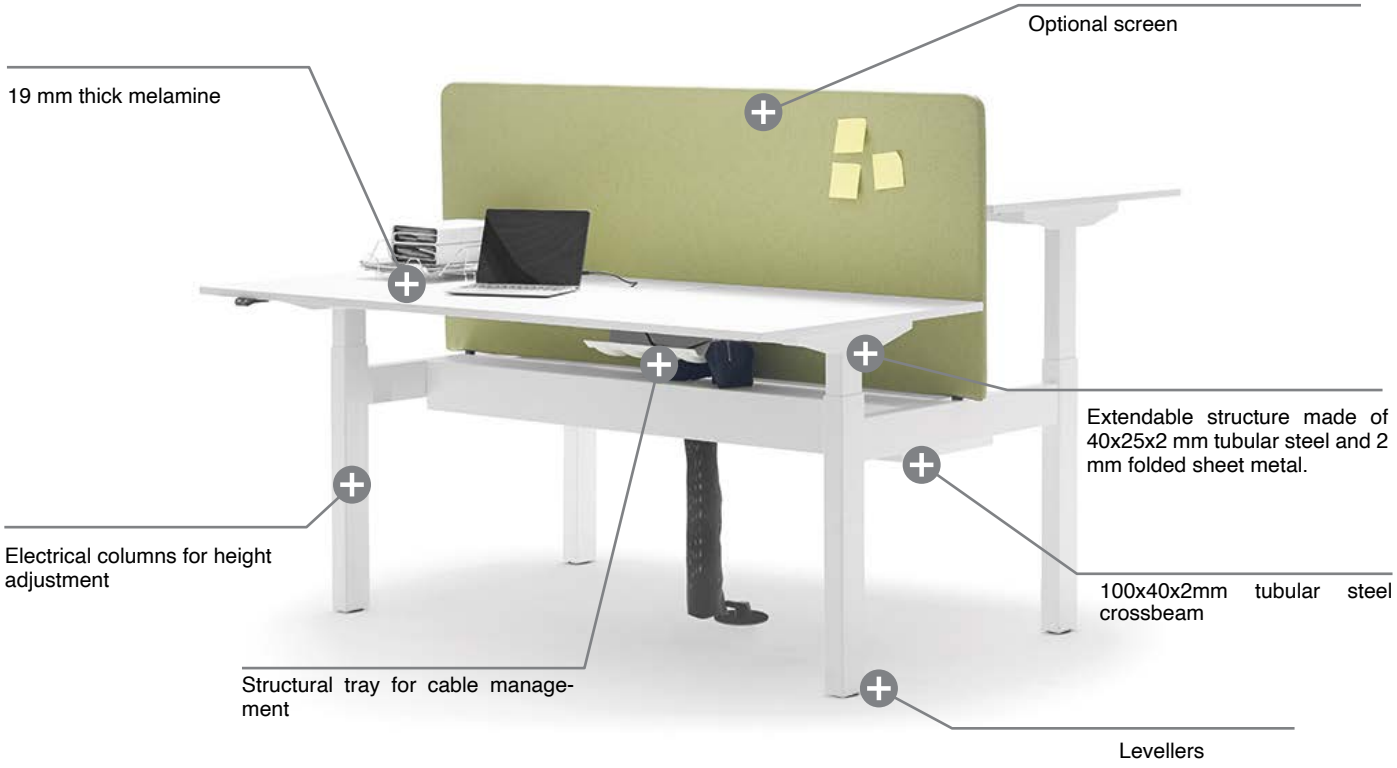
Forma 5

## TECHNICAL FEATURES

# SKALA READY

## HEIGHT ADJUSTABLE SINGLE DESK


## HEIGHT ADJUSTABLE BENCH DESK



# ELEMENT DESCRIPTION

**TOPS**
19 mm thick melamine particle board, 2 mm thick thermofused edges around the perimeter. Straight corners.
Drilled underneath to allow a correct assembly. The quality requirements for the board are made
according to the UNE-EN312 legal terms, corresponding to P2 board. The average density for 19 mm thick boards is 630 kg/m3.

**PEDESTAL**

**INDIVIDUAL DESK:** extendable structure with electrified height adjustment columns measuring 83 x 53 mm (the lower column is wider than the upper column to allow adjustment by fitting one into the other). The connection between the cover and the structure is made by means of 2 mm thick steel plate plates. The steel plate base incorporates levellers that allow the table surface to be levelled on any type of floor.

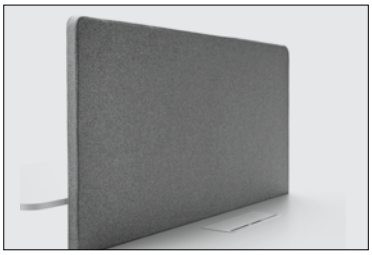
**"H" PEDESTAL BENCH:** Extendable structure with electrified height adjustment columns measuring 83 x 53 mm (the lower column is wider than the upper column to allow adjustment by fitting one into the other). The connection between the cover and the structure is made by means of 2 mm thick steel plate plates. The connection between the columns is made by means of a 100x40x2mm structural steel tube crossbar. Fastening by means of screws to the columns, hidden and finished off with a PP plastic cover. The assembly has a structural tray between the folded and welded steel plate crossbars with two covers that allow access to the electrification, leaving all the wiring concealed. The crossbeam is prepared for the installation of an acoustic separator by means of a screwed fixing. Floor support is provided by levellers that allow the table surface to be adapted to any type of floor.

**HEIGHT ADJUSTMENT**

The different configurations of the Skala Ready programme allow the height of the table top to be adjusted electrically, ranging from 700mm to 1200mm at the user's choice. This adjustment is possible thanks to the electrification system located inside the columns, which is operated by 1 device that controls the raising and lowering functions. Small, compact and very easy to assemble.

## DESK SCREENS






**MELAMINE DESK SCREEN**
19 mm thick particle board with 2 mm thermofused edges around the perimeter. Fixed to the framework with specific fittings.

**GLASS DESK SCREEN**
6 mm (3 + 3 mm) laminated glass with inner butyral sheet. Polished edges and rounded corners. Fixed to the framework by specific fittings.

**UPHOLSTERED DESK SCREEN**
16 mm thick particle board base with both sides upholstered, fixed to the framework by specific fittings. Sewings at laterals.

**UPHOLSTERED ACOUSTIC DESK SCREEN**
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.

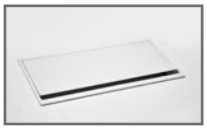
## MODESTY PANELS

**MELAMINE MODESTY PANELS**
19 mm thick particles board with 1,2 mm thick thermofused edges in its whole perimeter fixed to the framework with specific fittings hidden under the desk.

**METAL MODESTY PANELS**
Drilled steel modesty panel with powder epoxy paint finished 220ºC polymerized (1,5 mm thick) and engraved texture. Hanging from the front beam. Depending on the program and the modesty panel position in relation with the cable management, we have references for:

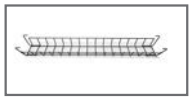
# CABLE MANAGEMENT

### ACCESSORIES FOR DESK SURFACE



**POLYAMIDE TOP ACCESS**
Pollyamide 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.

### HORIZONTAL CABLE DRIVING



**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

### VERTICAL CABLE DRIVING

**FABRIC CABLE RISER**
Fabric cable riser, made of Web mesh and 80 mm diameter. It is only compatible with the extensible tray. Fixed by an elastic band.

### ADDITIONAL ACCESSORIES

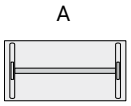
**ADJUSTABLE CPU CABINET**
Support folded metal sheet, 2 mm thick. Adjustable height and width to suit different dimensions. Screwed to desk top. Flexible polyurethane protections to prevent vibration and to ensure an optimal fit.

**POWER CABLE AND EXTENSION CABLE**
3 x 1,5 $mm^2$ cable 250V 16A with grounding.

**4 WAY POWER BLOCK**
16A 250V sockets with 3 x 1.5 $mm^2$ power cable. CAT5E network cable.

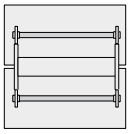
**3 WAY POWER BLOCK WITH 2X RJ45 DATA**
16A 250V sockets with 3 x 1.5 $mm^2$ power cable. CAT5E network cable.

## HEIGHT ADJUSTABLE SINGLE DESK WITH ELECTRIC SYSTEM, STRAIGHT CORNERS




| | | |
|---|---|---|
| SINGLE DESK | A x B | 180 x 80<br>160 x 80<br>140 x 80<br>120 x 80 |

## HEIGHT ADJUSTABLE BENCH WITH ELECTRIC SYSTEM, STRAIGHT CORNERS




| | | |
|---|---|---|
| BENCH DESK | A x B / b1 | 180 x 160/78<br>160 x 160/78<br>140 x 160/78 |

Life Cycle Analysis

## Serie Skala Ready

| RAW MATERIALS | | |
|---|---|---|
| Raw Material | Kg | % |
| Steel | 17,71 Kg | 33,48% |
| Plastic | 1,63 Kg | 3,18% |
| Wood | 18,14 Kg | 35,36% |
| Aluminio | 2,03 Kg | 3,96% |

% Recycled material= 40%
% Recyclable materials= 73%

# 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% recyclable

**With no air or water pollution**
while removing waste.

**Returnable, recyclable and reusable packing**

**Product recyclability 73%**

# 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 areas 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 ELEMENTS

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

Do not use abrasive products in any case.

# REGULATION

## CERTIFICATES

Forma 5 certifies that Logos 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 resistence of the structure.

DESIGN BY R&D FORMA 5