



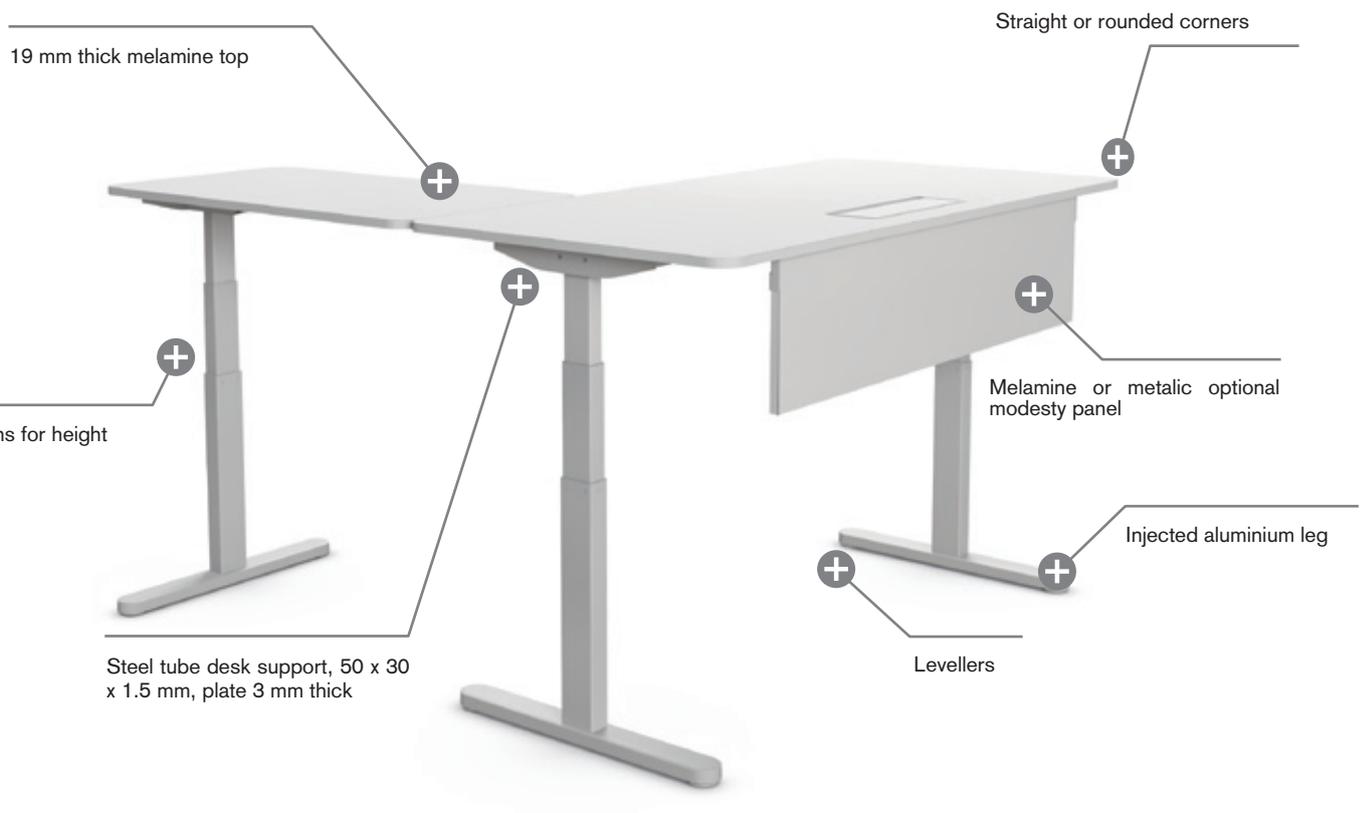
Skala

TECHNICAL FEATURES

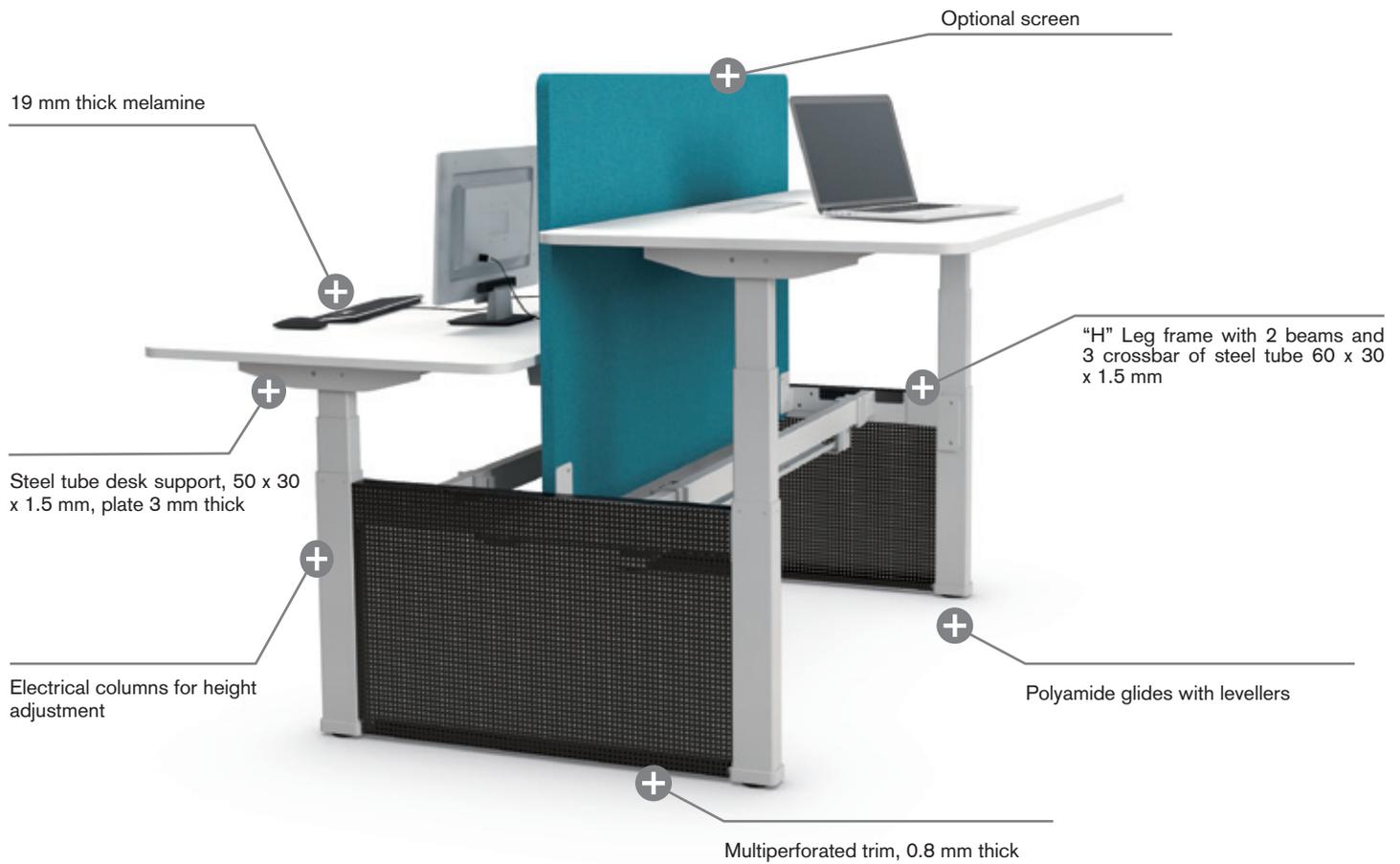
Skala is the result of the study of people, health at work and the application of ergonomic guidelines for office desks. The height adjustment of Skala expands the natural use of an office desk allowing a better adaptation to the physiology and anatomy of the user at all times. This table can be used and regulated by multiple users and, moreover, can become a place of spontaneous meetings and sharing ideas.



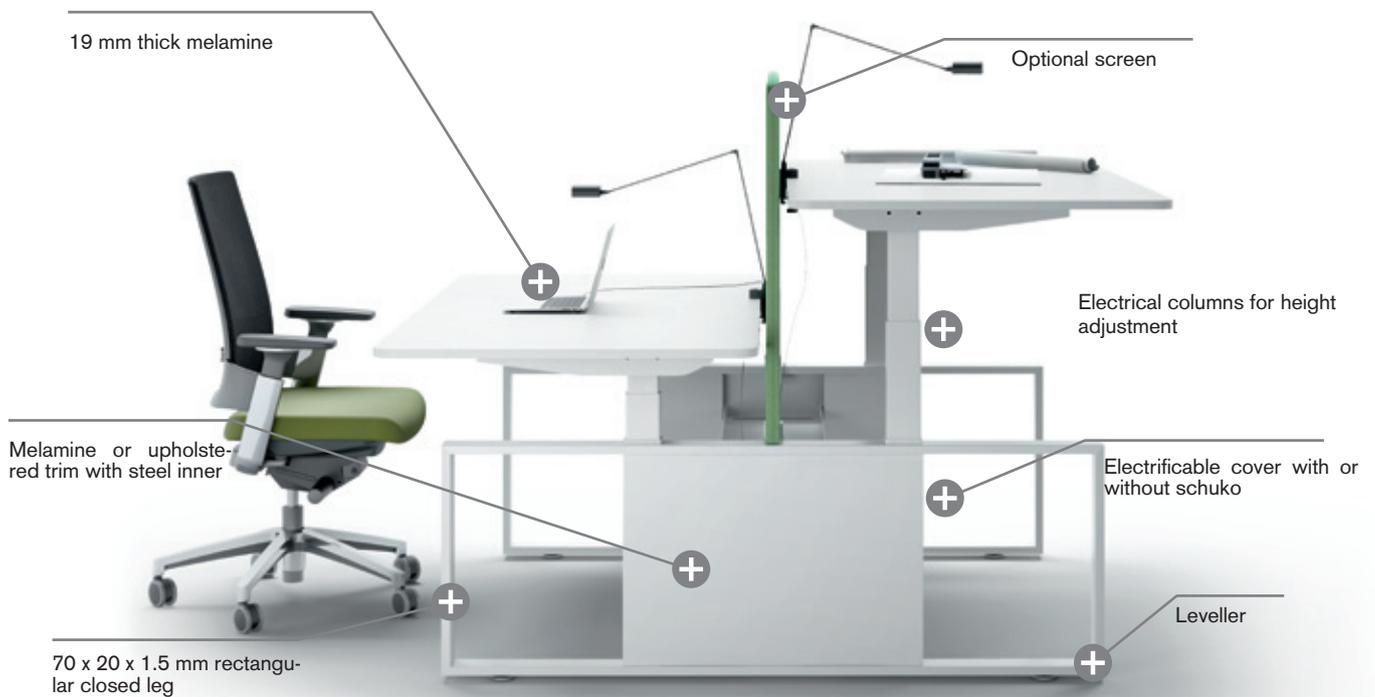
DESK



BENCH DESK

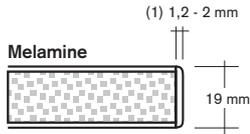


BENCH DESK



ELEMENTS DESCRIPTION

BOARD



| | |
|---------------------|-------------|
| EDGE WIDTH | 19 mm BOARD |
| 2 mm ⁽¹⁾ | Desk top |

TOP

19 mm thick melamine particle board. 2 mm thick thermofused edges around the perimeter. Round or 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.



Tapa bilaminada 19 mm

PEDESTALS

SINGLE AND RETURN DESK: pedestals with electrified height adjustment columns electrified with maximum dimensions of 80 x 50 mm (the lower column is wider than the two upper to allow for adjustment fitting into each other).

The connection between the top and the pedestal is performed by welded structures that support the table and are formed by a rectangular steel tube 50 x 30 x 1.5 mm and folded sheet 3 mm thick. The aluminium injected leg incorporates levellers.

"H" PEDESTAL BENCH: pedestals with height adjustment columns electrified with maximum dimensions of 80 x 50 mm (the lower column is wider than the two upper to allow for adjustment fitting into each other). The connection between the top and the pedestal is performed by welded structures that support the table and are formed by a rectangular steel tube 50 x 30 x 1.5 mm and folded sheet 3 mm thick. The floor support is made with polyamide glides that incorporate levellers.

LEG CLOSED BENCH: rectangular leg frame 70 x 20 x 1.5 mm. It has a lateral trim made of melamine or upholstered. The inner has a steel sheet 0.8mm painted in the same colour than the leg frame, that allows the possibility to include a schuko. The connection between the top and the pedestal is performed by welded structures that support the table and are formed by a rectangular steel tube 50 x 30 x 1.5 mm and folded sheet 3 mm thick. The support to the floor incorporates two levellers.



Individual table on Ala pedestal



"H" pedestal bench



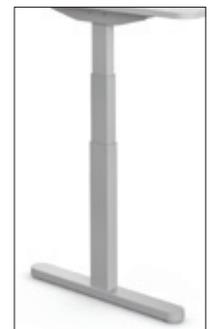
Leg closed bench

HEIGHT ADJUSTMENT

The different configurations that Skala presents allow adjusting the height of the top, swinging between 65 and 125 mm.

This adjustment is made possible by an electrification system located inside the columns, operated by three devices:

- Basic control that controls the raising and lowering functions. Small and compact, it's very easy to assemble and can regulate up to three columns.
- Display control manages the use of the table and reports the number of activations and how long the user has been working up or the number of calories burned. The table can be programmed to remind the user to get up.
- PC-Mac control cable enables upload and download functions from your computer. In addition to the functions of the digital control, it allows the preparation of statistics. There is a unique system, in all cases must be assembled near the digital or basic control.



Height adjustment

ELEMENTS DESCRIPTION

MODESTY PANEL

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

METAL: 1.5 mm thick textured steel sheet panel with epoxy paint finish, polymerized at 220°C. The assembly system includes fittings to facilitate it all. It hangs from the front beam.



Bilaminado



Metálico

DESK SCREENS (Desk screens section)

This program offers a wide range of compatible screens. Overall, the available options are:

- Simple technical monorail or multirail. These screens may be melaminated or upholstered. Technical screens allow rails by placing trays and accessories that increase the functionality of the screen.
- Acoustics and pinable screens, made of particle board and high density foam 60 kg/m³, upholstered in Forma 5 Group 1, 2, 3 and 5 fabrics.
- Simple screens. Available in melamine or upholstered, may be placed in the front and in the lateral side of each position in benches overviews between two desks.

CABLE MANAGEMENT

The Skala program has several electrification solutions:

1. As for the accessibility, Skala can include top access: aluminium extrusion piece which gives access to the installation through a rectangular area of 360 x 120 mm in the desk. Same finishes as the framework.

2. As for the distribution, we highlight:

- Single trays made of polypropylene or metal. They are associable thus joining several of them, cables may be conducted through multiple workstations. Its main function is to support the terminal interconnections.
- The spine cable management is performed through a vertebral kit.



To complete the access to electricity or data network, you may add also additional items available in the "Cable management" section, as shuckos, power or extension cables and CPU holder.

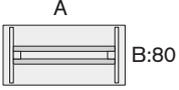
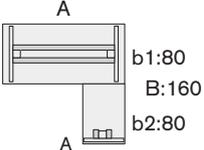
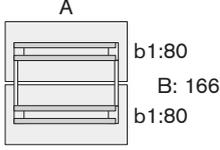
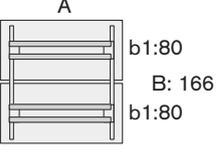
OTHER COMPLEMENTS

- PC-MAC control cable.
- Multiperforated trim for bench.
- "Desk Manager" software

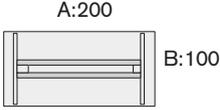


CONFIGURATIONS AND DIMENSIONS

SINGLE DESKS - RETURN DESK - BENCH DESK

| | | | |
|---|--------------------|----------|--|
|  <p>A B:80</p> | DESK | A x B | 180 x 80 160 x 80 140 x 80 120 x 80 |
|  <p>A b1:80 B:160 b2:80</p> | DESK + RETURN DESK | A x B | 180/60 x 160/80/80 180/60 x 160/80/80 |
|  <p>A b1:80 B: 166 b1:80</p> | "H" PEDESTAL BENCH | A x B/b1 | 180 x 166/80 160 x 166/80 |
|  <p>A b1:80 B: 166 b1:80</p> | LEG CLOSED BECH | A x B/b1 | 180 x 166/80 160 x 166/80 |

MEETING TABLES

| | | | |
|--|--------------------|-------|-----------|
|  <p>A:200 B:100</p> | RECTANGULAIRE DESK | A x B | 200 x 100 |
|--|--------------------|-------|-----------|



Life Cycle Analysis
Skala



| RAW MATERIALS | | |
|---------------|----------|-----|
| Raw Material | Kg | % |
| Steel | 10,96 Kg | 19% |
| Plastic | 0,577 Kg | 1% |
| Wood | 43,28 Kg | 75% |
| Aluminium | 2,885 Kg | 5% |

% Recycled material= 64%
 % 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 panels)

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 provides a 2 year guarantee

and up to 10 years for big projects.

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 98%

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 cotton 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 527-2:2003 sec. 3 and 4: "Office furniture. Desks. Part 1: Safety and design requirements".
UNE-EN 527-3:2003 sec. 5.1.2.1: "Office furniture. Desks. Part 2: Stability under vertical charge".
UNE-EN 527-3:2003 sec. 5.2: "Office furniture. Desks. Part 3: Resistance under vertical pressure".
UNE-EN 527-3:2003 sec. 5.3: "Office furniture. Desks. Part 4: Resistance under horizontal pressure".
UNE-EN 527-3:2003 sec. 5.4: "Office furniture. Desks. Part 5: Fatigue under horizontal pressure".
UNE-EN 527-3:2003 sec. 5.5: "Office furniture. Desks. Part 6: Fatigue under vertical pressure".
UNE-EN 527-3:2003 sec. 5.6: "Office furniture. Desks. Part 7: Falling test".

developed by TANDEM COMPANY