

BROS

BEAM
SPECS GUIDE



 **SEAT and BACKREST****UPHOLSTERED:**

Black shell-cover of polyamide with 20% fiberglass.

Upholstered with polyurethane flexible-foam of $\pm 52 \text{ Kg/m}^3$ density (1 cm thickness).

All the fabrics of the fabric folder are available.

Inner structure of PCF: 75% polypropylene with 20% of calcium and 5% fiberglass.

PLASTIC SHELL:

Black shell-cover of polyamide with 20% fiberglass.

Polycarbonate and ABS one-piece shell.



Available finishes: black (Black Pantone), white (Cool grau 1C Pantone), blue (5405EC Pantone), red (704C Pantone), green (368C Pantone), graphite (7547EC Pantone) or maple wood imitation.

OPTIONAL: upholstered **seat** with polyurethane flexible-foam of $\pm 52 \text{ Kg/m}^3$ density (1 cm thickness).

All the fabrics of the fabric folder are available.

Inner structure of PCF: 75% polypropylene with 20% of calcium and 5% fiberglass.



Upholstered



Black



Graphite



White



Blue



Red



Green



Maple imitation



OPTIONAL: upholstered seat



FRAME



Black beam
Black structure



Silver beam
Silver structure



Silver beam
Chrome structure



Steel Y-shape **structure**.



Black polypropylene glides (Ø38 mm M8x25 mm) to protect bench and floor from scratching.

Finishes: black (RAL 9005), silver (RAL 9006) or chrome.



Bench beam: cold-rolled rectangular steel tube 80 x 30 x 2 mm.

Finishes: black (RAL 9005) or silver (RAL 9006).

Bench-beam is fixed inside the slot of the structures.



A polished aluminum cover (black, silver or chrome) is screwed on the top of the structure to ensure the bench-beam stability.

The bench-beam is protected with black ABS covers in both sides.



An aluminum plate is screwed under the seat-shell.

Seat and backrest shell are fixed to bench-beam with black fittings, a U-shape bracket and screws.



OPTIONAL: Polished aluminum S-shape arms.

Joined to seat and backrest shell with screws and pressure.

OPTIONAL:



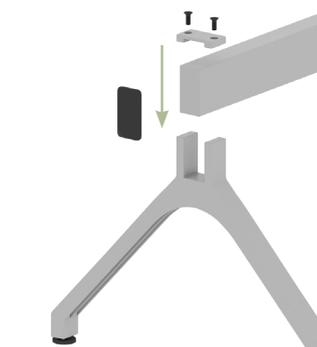
MELAMINE TABLE TOP: 19 mm of thickness. Recoated chipboard with melamine of 120 grs/m² in both faces with a density of 600 Kg/m³ ± 5 %. ABS edges all around the top with a bevel of 2 mm. Edges are fixed with melted glue and rounded in shape.

Finishes: graphite, grey, beech, maple, pear, wengue, light acacia, dark acacia, zebrano, oak or dark oak.

Joined to the bench-beam with an U-shape bracket.



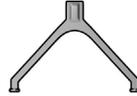
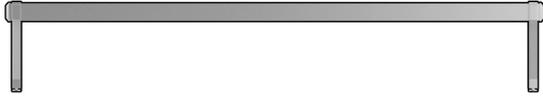
Measurements: 46 x 40 cm.





MEASUREMENTS (cm)

40,5



58,7

48



43,9



53,2

2 sitze: 111,2
3 sitze: 161,2
4 sitze: 211,2
5 sitze: 261,2



VERSIONS





CERTIFICATES

UNE-EN 13761:2003



CARE INTRUCTIONS

Clean the chair-beam and its components with a soft cloth and neutral detergent.



RECYCLABILTY AND TOXIC MATERIALS

This chair-beam does not contain any toxic material and its components are recyclable.

MATERIALS:

- 42% of BROS chair-beam materials are recycled.
- Polymerized powder for painting.
- Use of glues without emissions of C.O.V

PRODUCTION:

- To avoid huge quantities of non-wasted material some metal pieces sizes and production groups are optimized.
- Glues are not used for the assembling. Assembly is mechanical.
- Production processes are optimized using fewer natural resources.

SHIPPING:

- BROS chair-beam permits one only package with minimum volume.

USE:

- BROS chair-beam can have different frames. For this reason, is easy to keep the seat and backrest chair-beam and change the frame in case is need it.
- All kind of replacements are available. It is the better way to prolong its utility.

END OF LIFE:

- This chair-beam is recyclable in a 99%.
- Chair-beam packing materials are 100% recyclables.
- All the components can be disassembled easily and treat them separately for its recyclability.

