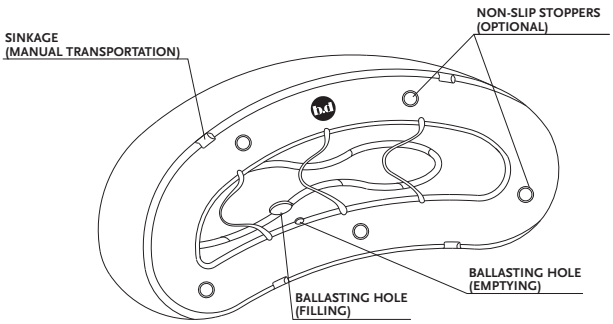
TECHNICAL SPECIFICATION

Bdlove Bench

www.bdlove.com
ROSS LOVERGROVE
2002

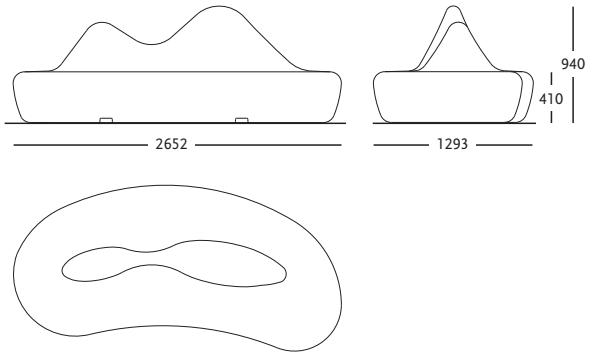
COMPONENTS AND MATERIALS:

BENCH made of Polyethylene (MDPE), of medium density, a material that is mass pigmented in different colours.
The part processing system is rotational moulding.
The bench contains 5 stainless steel inserts.
The piece has a seating capacity for ten people.
Optional non-slip **STOPPERS** in EPDM (rubber). These make waterdrainage at the bottom of the bench easier.
It is secured using stainless steel bolts. 5 bolts supplied if required.
Polyethylene **PEGS** for ballasting (2u).
Polypropylene **TRI-SURE PEG** with rubber O-ring seal for emptying (ballasting with water), (3u).



DIMENSIONS:

GENERAL MEASUREMENTS: 2652x1293xH.940mm.
MEASUREMENTS STACKING 2 BENCHES:
2652x1293xH.1350mm.
MEASUREMENTS STACKING 3 BENCHES:
2652x1293xH.1760mm.
MATERIAL THICKNESS: between 8 and 9mm.
The height (H) will increase by 140mm, when the benches are on pallets.



WEIGHT:

BENCH: approx. 67kg.

FINISHES:

STANDARD COLOURS: fluorescent red (P-805 U 2X) (Not for outside use), beige (P-467 U), white (WARMGREY IU), blue (P-303 U), green (P-373 U) and the colours sandstone (sand granite structured) and millstone (dark grey granite structured).
SPECIAL COLOURS: according to client requirements.
(consult commercial conditions).

BALLASTING:

The bench can be ballasted with water or washed sand (max. 120kg).

PACKAGING:

For one, two or three benches, always delivered duly protected and on pallets.
(Maximum 3 stacked benches per pallet).

Capacity for a 6 meters standard container:
(6x2'34xH.2'38m) 9 units

MEASUREMENTS IN MM
UPDATED: 22/02/06

SPECIFIC CHARACTERISTICS OF POLYETHYLENE :

POLYETHYLENE (MDPE) is a thermo-plastic from the polyolefin family. Polyethylene has high mechanical resistance, is not toxic and does not pollute. Furthermore, it has optimum chemical resistance characteristics as no solvent can dissolve it at room temperature. The products manufactured in this material, thanks to its resistance to atmospheric agents, can be kept outside.
Sharp or cutting objects can scratch the surface of the polyethylene, as with other materials such as wood or metal.

Density:	0'934 G/CC
MFI: (190°C/2'16KG):	4 G/10MM
HDT:	58°C
Tensile strength:	16 MPA
Bending module:	550 MPA

RESISTANCE TO HIGH TEMPERATURES:
Polyethylene is a non-inflammable, self-extinguishing thermo-plastic. Its resistance to high temperatures is limited and, therefore, it should be kept away from sources of very high heat. The bench must not be exposed to temperatures outside the following range (-20°C .... 80°C).

CLEANING:
The surfaces of thermo-plastics are easily cleaned with a damp cloth soaked in water and soap or with commercial liquid detergents. Products containing the following must be avoided: acetone, trichloroethylene, ammonia and ethyl alcohol (may cause colour variations).

TESTS carried out at AIDIMA:

In compliance with the **UNE 11012:1989 "Sofas. Testing methods to determine structural resistance."**

In compliance with the **UNE 11021-2:1992 "Functional specifications and characteristics. Structural resistance and stability."**, the tests carried out classify it within the most demanding level of the Standard (level 5), indicating that its structural resistance responds to loads, fatigue and impact at the highest level of the test, which, according to the reference Standard, make it suitable for **severe public use.**

In compliance with the **UNE-EN-112017 "Resistance to rust in salt mist atmospheres",** the test certifies the inalterability of the material.

In compliance with the **ISO 4892 "Test method to determine the effects caused by ultraviolet radiation"**, the test certifies that the material complies with the demands of the test, its characteristics remaining stable except for its red colour.

In compliance with the **UNE-EN 60598-1:01 "Glow wire test"**, the test carried out certifies that the material, after being exposed to a glow wire tip temperature of 650°C, produces no drips that ignite a sheet of silk paper located directly under it.

In compliance with the **UNE-EN 1021-1:94 "Assessment of the inflammability of Furniture. Source of ignition: A lit cigarette"**, the test certifies that the material presents no inflammability.

In compliance with the **UNE-EN 1021-2:94 "Assessment of the inflammability of Furniture. Source of ignition: A lit match"**, the test certifies that the material presents no inflammability.

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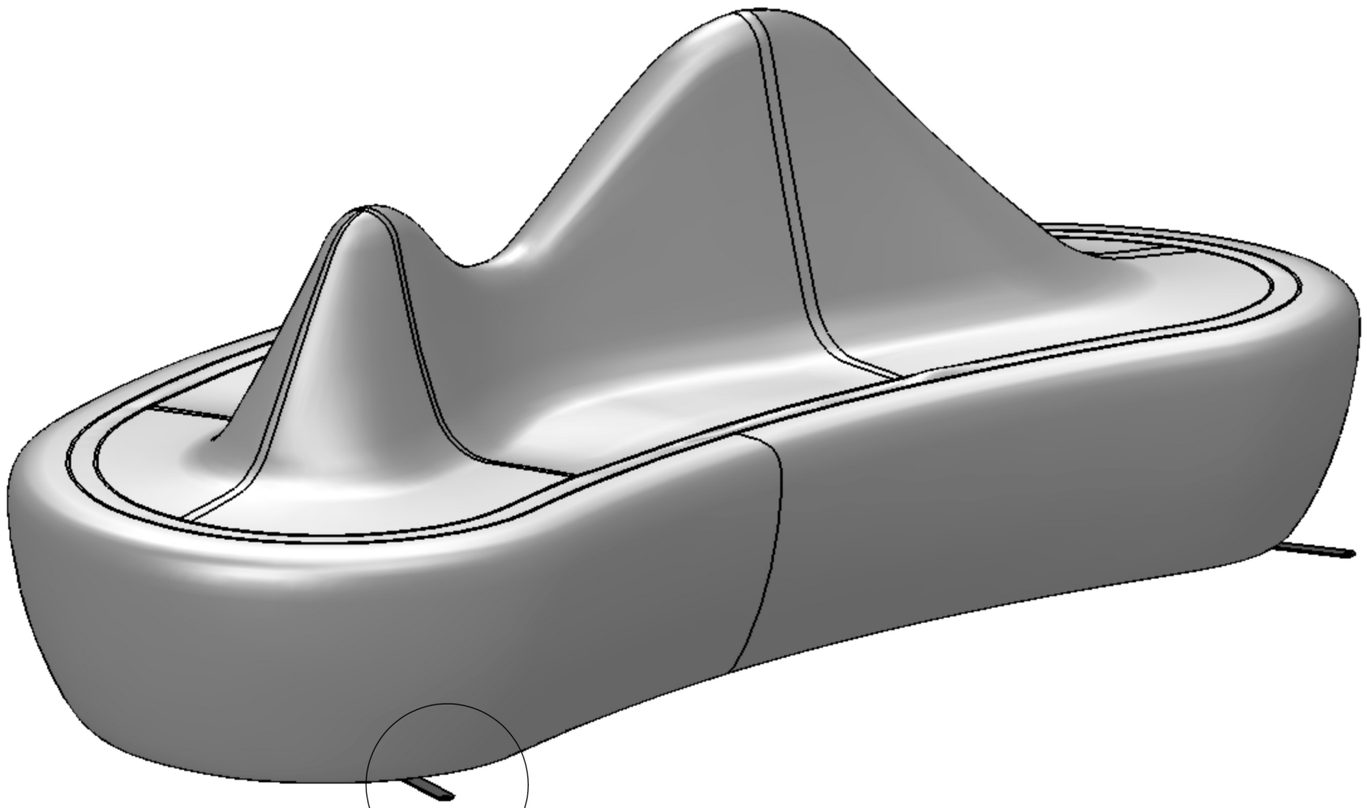
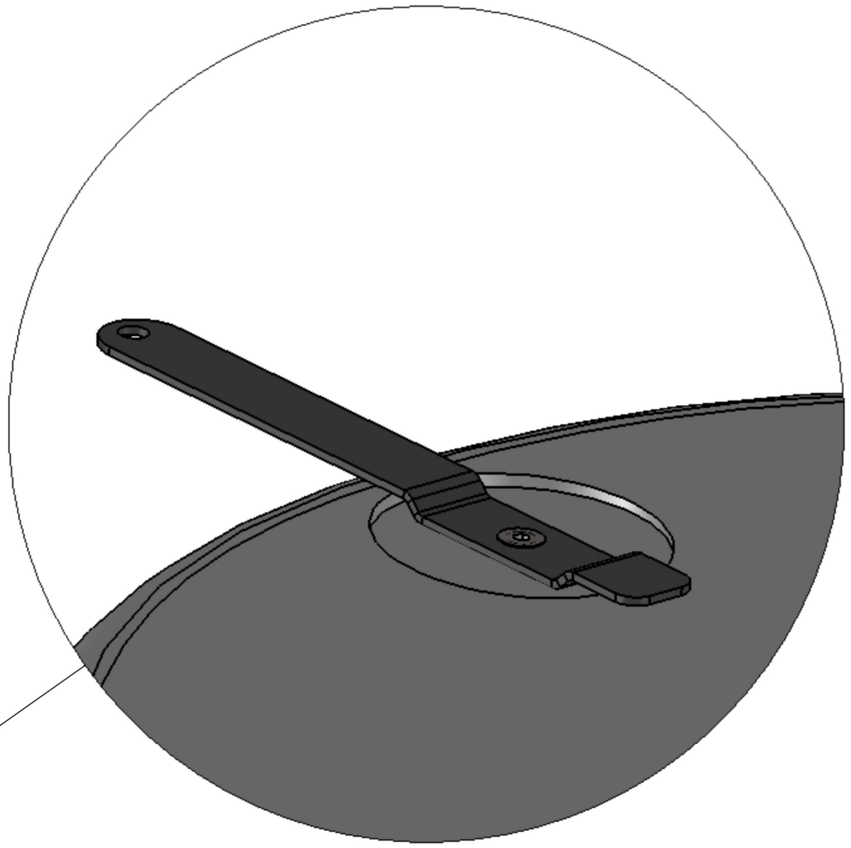
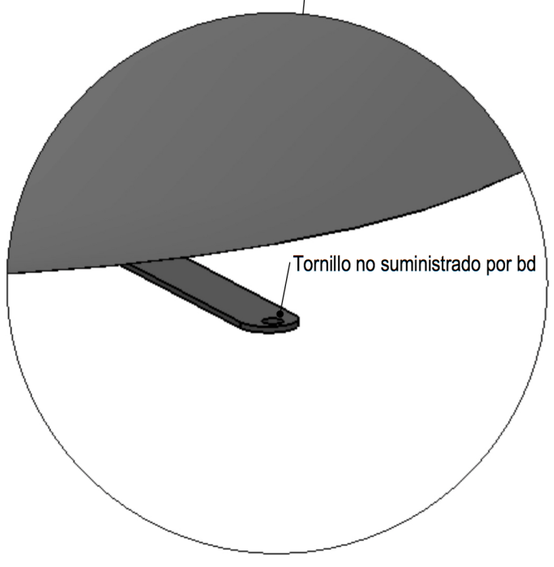
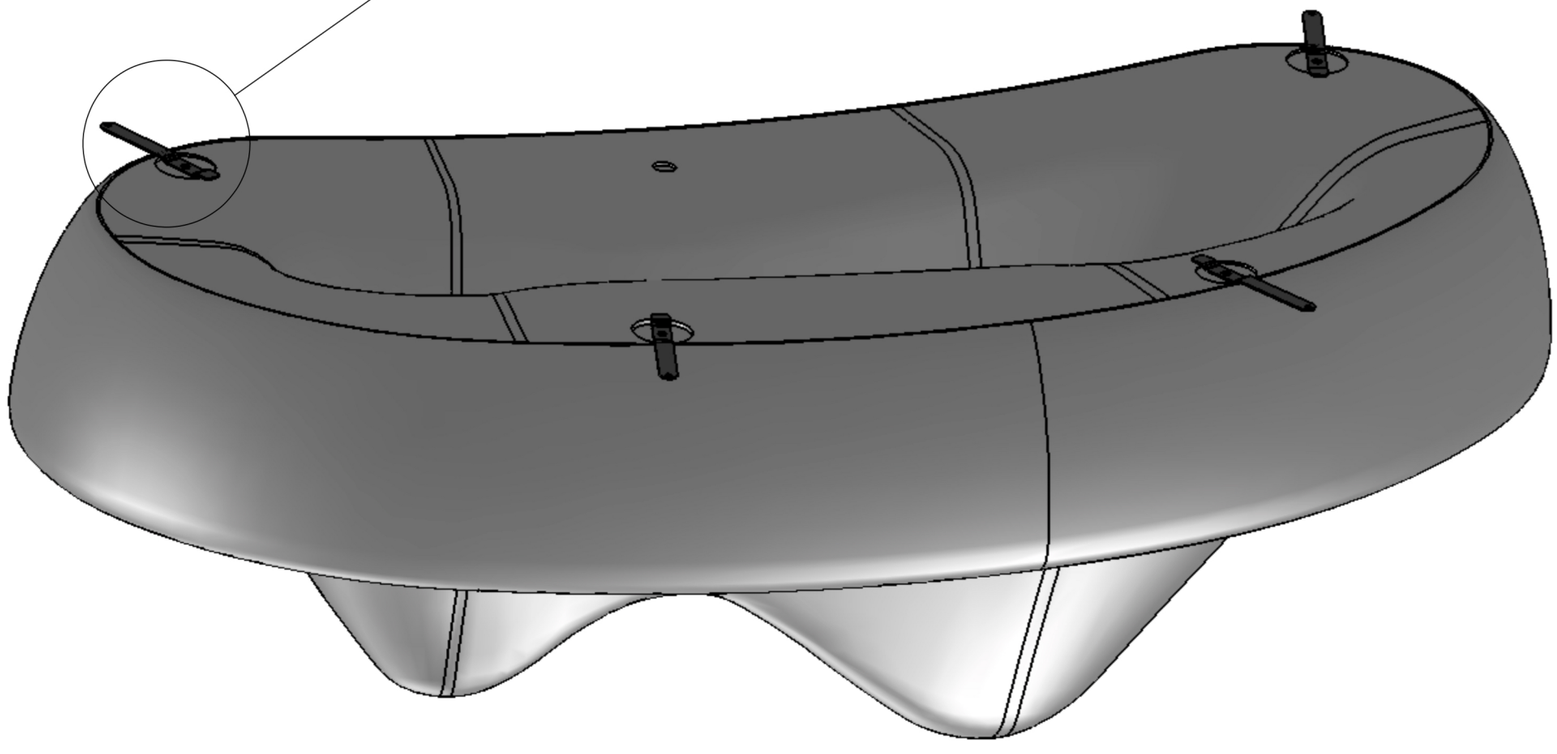





Tornillo no suministrado por bd



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