

BI-BARREL

The BI-BARREL is so called for its multiple functions. Made from a used drum, a small table and related chair were created, but on top of these functions the BI-BARREL can be again closed to become a single unit.



BI-BARREL

The reuse of drums of 200 litres fuel has long been widely practiced for its qualities: functional, structural and material. In many economically disadvantaged countries is reused to build houses, utensils and many other items. In Western countries we see only recently revived with design purposes, becoming chair, bench, box for small items.

For my part I wanted to come up with a unique re-use of this container, made by very solid shape and recognizable design.

The BI-BARREL is a unique piece which shows a particular design made with a purposeful and seductive cut on the only stem: it is so called for its multiple functions. We propose to use it in two versions: closed and open. Whilst opened it performs two more functions: table and matching chair; the two pieces are expected to be used together, because belonging to the same cylindrical shape and design. The BI-BARREL can then be reassembled and put neatly aside, recovering its original cylindrical shape can be used as storage shelf.

This creation has the intent to show that we can achieve a complex end product - which, however, seems very simple - using a noteworthy design.

Data sheet

Total height BI-BARREL when closed, 90 cm
Width BI-BARREL when closed, diameter 58 cm

TABLE

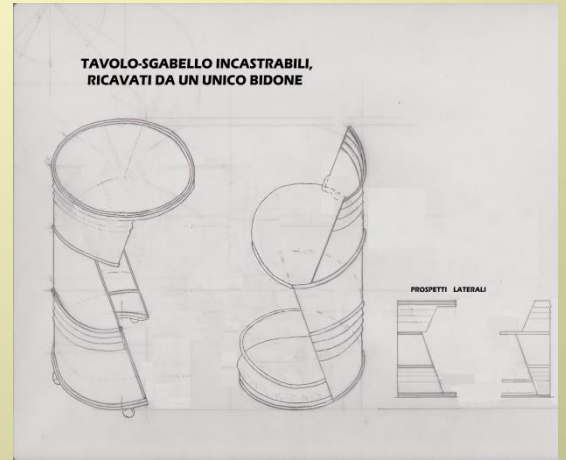
Height 90 cm
Width diameter 58 cm
Weight 8 kg

SEAT

Maximum height from the ground, at the back, 86 cm
Max seat width 58 cm, min 48 cm
Seat's ground clearance 66 cm
Footrest height from the ground 17 cm
Back height from seat, 20 cm
Weight 20 kg
Materials: iron, wood, sponge, leatherette



Design and sketch of BI-BARREL



Drawing and executive study



Recovery of used drums



Cut according to design



BI-BARREL essential lines



Studies and tests to dimension the internal structures of the BI-BARREL



Opening Bi-Barrel



Closing Bi-Barrel



Sketches for finishing and decoration



Choosing the color





BI-BARREL in use

