





Polar Armchair

Designer: Pearson Lloyd
Year: 2006

Polar is inspired by the shear forms of the ice caps in the arctic seas, thus giving life to an extremely versatile seating system. The seats and backrests, characterized by their full and sheared forms can be coupled together in a variety of ways, creating numerous seating layouts or options. The system is completed by a rather beautiful armchair and an original accessory which can be used as a seat or side table.

Developed by Tacchini in Italy

Dimensions (cm)

Cod. OPOL107



W 107 D 81.5 cm
H 67 cm
Seat H 37 cm

Cod. OPOLP107



W 107 D 81.5 cm
H 37 cm
Seat H 37 cm

Non-removable
covers

CAD Files:
3D (.dwg, .3ds)
2D (.dwg)

Download CAD
files at [tacchini.it/
en/downloads](http://tacchini.it/en/downloads)

Materials description

Internal frame

Seat frame: poplar plywood 18 mm thick with elastic belts, with fiberboard timber lateral frame.

Back frame: cold foam with metal inserts.

Padding

Seat: cold foam, with lateral covering with polyurethane foam.

Back: cold foam.

Base: aluminium feet.

Base



T23

Suggested upholsteries



Erika



Citrus



Dianella



Durian



Divina



Leather

Materials informations



Poplar plywood	36%
Cold foam	32%
Upholstery	12%
Metal inserts	10%
Fiberboard timber	5%
Elastic belts	4%
Polyurethane	1%

Polyurethane

Flexible expanded polyurethane is a solid elastic polymeric material with open cell structure. It is a non-toxic material and above all free from ozone-damaging components. Production and processing of the polyurethane we use meet the objectives of the new policy of ensuring the protection of human health and of the environment. We focus in particular on the choice and use of the types of density of polyurethane suitable for preserving over the years the features of load capacity, elasticity and resilience. For products used in public spaces flame-retardant expanded polyurethane is chosen, tested and certified according to international regulations.

Wood

Wood is a renewable raw material. All products derived from wood, such as for example plywood, have the advantage of being able to be machined more easily than wood and do not deform. The timber we use – solid or plywood – comes mainly from European and Russian forests and is seasoned to specific values of humidity with tests. Moot of the structures of the products in the collection have a frame in solid pine or ash, or in beech or poplar plywood.

Foam

Similar to polyurethane, foam is used for moulding products with special and organic shapes. It is a material which is highly resistant to ageing and flames. Its appearance at the edges is clean, compact. All products made with a foam structure offer a solution with extraordinary comfort.

Metal

The need to combine complex yet lightweight shapes with resistant materials necessarily involves the use of metals such as steel and aluminium. products in polyurethane foam are made with an inner steel frame for adding strength to the structure. The bases are in tubular metal which can be chromed with a gloss or satin finish or painted with epoxy powders.

Elastic belts

The elastic belt used on the seats of our upholstered products is a component to be chosen with care in order to ensure adequate elasticity and springing for the dimension and the structure of the product. We use plaited elastic webbing to add greater comfort and resistance to weight stresses.

Recyclability

All Polar Armchair elements are 100% recyclable when fully separated. Tacchini undertakes on-going research and development, with efforts made to introduce products which are a perfect combination of function and safety without jeopardizing the final design of the same articles. During production attempts are made to minimize noise and emission levels and to reduce rejects as far as possible. All the single materials which make up the production process, once disassembled, can be reused several times, maintaining a high quality standard.

Packaging

Polar Armchair element is dispatched already assembled. It is protected by tissue paper and cellophane to protect the covering from dust and direct contact with the cardboard. The product is packed in rigid cardboard boxes suitable for world export. Manufacture of the packaging observes the criteria for recovery both as recycling and energy recovery and composting.

Once a product reaches the end of its life cycle it has to be eliminated.

To discover more about Tacchini environmental policy please visit: www.tacchini.it



Pearson Lloyd

Pearson Lloyd is one of the leading names in contemporary British design, and this multidisciplinary studio works in a wide range of sectors: from furnishing to public spaces to brand development. Established by Luke Pearson and Tom Lloyd in 1997, the studio has received numerous acknowledgements and accolades in both Europe and the United States. The British design duo write regularly for major design magazines, as well as acting as “visiting lecturers” at the École Cantonale d’Art in Lausanne.

Other products by Pearson Lloyd:
Crystal, Crystal Armchair, Eddy, Fixie, Galleria, Ischia, Nebula, Nebula Interiors, Nebula Poissons, Polar, Polar Perch, Polar Table, Quilt, Stone.

Tacchini Projects:



Cocomo Hotel
(Seoul, South Korea)



Schiphol Real Estate
(Amsterdam, The Netherlands)



DoubleTree by Hilton
(Wroclaw, Poland)



Alma Hotel
(Barcelona, Spain)



Musikkens Hus
(Aalborg, Denmark)



EB Group
(Berlin, Germany)

Tacchini Projects:



South Australian Health and Medical
Research Institute (Adelaide, Australia)



Bavaria Lounge, Messe München
(Munich, Germany)



Consultancy Firm
(Munich, Germany)



Microsoft
(Berlin, Germany)



Warsaw Trade Tower
(Warsaw, Poland)



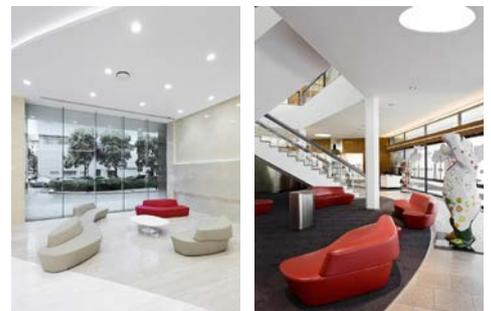
Stadium Meazza S. Siro
(Milan, Italy)



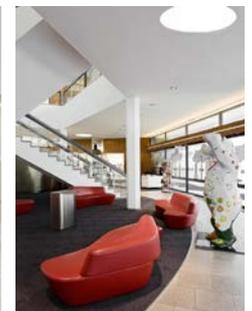
King Abdullah Sports City
(Dubai, United Arab Emirates)



Svarowski
(London, Great Britain)



Mary Kay
(Shanghai, China)



Berliner
Fernsehturm
(Berlin, Germany)



Epic Sana Hotel
(Lisbon, Portugal)