

esPattio

TECHNICAL FEATURES

BOW CHAIR

By Studio Yonoh



Armchairs**Shell**

Both high and low backrest (two seat sofa is always with low backrest) versions have a strong metal frame made from 11 mm diameter cold rolled steel rods and steel support plates. This frame is then wrapped and injected with high density foam 70 Kg/m³. This Legs is then upholstered at various thickness, with at least a depth of 12.5 cm at the seat area.

Optional structures

- **4 wooden legs:** fixed structure with 4 legs made of varnished or lacquered beech wood. Each leg tapers from 4 cm to 3 cm at the foot. Bolt-on glides manufactured in black polyethylene with grey anti-slip are then added.
- **4 conical metal legs:** fixed structure with 4 legs made of threaded steel. Diameter of 1.7 cm in the lower part and 3.1 cm in the upper part of each leg. Black glides in low density polythene (PELD) are added.
- **Sled base:** Ø 11 mm curved sled structure.
- **Flat base:** polished aluminium flat base with 4 polypropylene glides. Rectangular section arms. 70 cm diameter base.
- **Pyramidal wooden Legs:** crew-in swivel structure made of steel and covered with a varnished beech wooden case of 87.5 x 87.5 x h:31.8 cm. Plus polypropylene levelers.
- **4 spoke base:** 4 spoke swivel structure made of aluminium with conical shape of Ø70 cm and h: 30,8 cm.

Packaging

The armchairs is delivered packed in an individual box that protects it during transport. The cardboard used in this box is 100% recyclable.

5-year warranty

► [Warranty terms and conditions](#)

Maintenance and cleaning of products

esPattio provides recommendations to the user so that their products always look new and in excellent condition.

As a general rule, we recommend the use of environmentally friendly cleaning agents. Please follow the cleaning product manufacturer's instructions.

► [Information](#)

Dimensions

With armrest









Depth: 62,5 cm
Seat depth: 42 cm

Without armrest



Depth: 60 cm
Seat depth: 42 cm

Pata/Base	Without arms			With arms		
	kg			kg		
4 wooden base	11,5 - 8,9 kg	0,21 m ³	1	13,4 - 10,80 kg	0,21 m ³	1
Pyramidal wooden base	16,8 - 14,2 kg	0,21 m ³	1	18,6 - 16 kg	0,21 m ³	1
Aluminium flat base	13,6 - 11,1 kg	0,21 m ³	1	15,6 - 13,1 kg	0,21 m ³	1
4 conical metal legs	20,30 - 17,60 kg	0,21 m ³	1	22,40 - 19,8 kg	0,21 m ³	1
Sled structure	11,5 - 8,90 kg	0,21 m ³	1	13,40 - 10,80 kg	0,21 m ³	1
4 spoke pyramidal aluminium base	12,75 - 10,1 kg	0,21 m ³	1	15,09 - 12,49 kg	0,21 m ³	1
Linear meters		 1,5 ml		 1,5 ml		

Life cycle analysis



SBSC2

Raw Materials	kg	%
Steel	12,31	68
Upholsteries / Filling materials	5,802	32
Plastics	0,01	1

% Recycled Mat.= 5%
% Recyclable Mat.= 12%

Ecodesign

Results reached during the life cycle stages

Materials

- Steel: 15%-99% recycled material.
- Wood: 70% of the wood material is recycled, has PEFC/FSC and complies within the E1 standard.
- Plastic: 30%-40% recycled material.
- Podwer painting without COV emissions.
- Staff material without HCFC and certified by Okotext.
- Upholsteries without COV emissions and certified by Okotext.
- 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 pannels).
- Energy saving measures in all production process.
- COV global emission reduction of the production processes by 70%.
- Podwer painting recovery 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.

Transporte

- 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.
- Pattio guarantee.
- 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):
- Aluminium is 100% recyclable. Steel is 100% recyclable. Wood is 100% recyclable. Plastics are from 70 to 100% recyclable.
- With no air or water pollution while removing waste.
- Returnable, recyclable and reusable packing.

Maintenance and cleaning guide

Lines for a correct cleaning and maintenance considering the different materials:

Fabrics

- ① Vacuum often.
- ② Rub the dirty spot with a wet cloth with PH neutral soap.
Test first on a hidden spot.
- ③ Dry foam for carpets can be alternatively used.

Metal pieces

- ① Rub the dirty spots 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 cottom cloth.

Plastic pieces

Rub the dirty spots with a wet cloth with PH neutral soap.
Do not use abrasive products in any case.