

**esPattio**

**TECHNICAL FEATURES**

**AMIVERA**

By Jorge Herrera Studio





### Frame

Steel structure formed by a rectangular central beam measuring 50x30x1.5 which supports the sofa longitudinally until reaching the transverse bars also made of rectangular tube. The crosspieces are topped with feet in round steel tube 25 mm in diameter with a rounded finish.

### Seat

Formed by a pine wood frame which serves as a frame for the steel pocket springs crossed by elastic straps which are the basis of the firmness of the seat and on which rests a generous polyurethane foam D40 Kg. /m<sup>3</sup> and 120 mm thick. The padded elements that complete the seat give it extraordinary comfort. The one-piece seat incorporates a central seam in the 2 and 3 seater models.

### Armrests - backrest

Monoblock assembly with interior structure in pine wood and MDF panel. The padded exterior faces provide a high-quality hand feel. Inwards, facing the user, the different combinations of polyurethane foam pieces, of different hardness and density, help us to obtain the best back support, all wrapped in a padded element that provides padding. The upholstery is characterized by colored piping that runs along the perimeter of the armrests and backrest.

**Packaging**

The sofas are delivered in individual boxes, which protect them during the transport. The cardboard used 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.

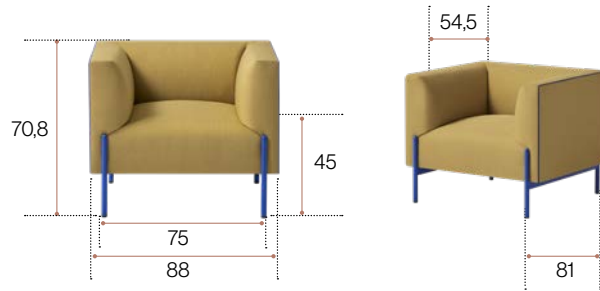
As a general rule, we recommend the use of environmentally friendly cleaning agents. Please follow the cleaning product manufacturer's instructions.

► [Information](#)

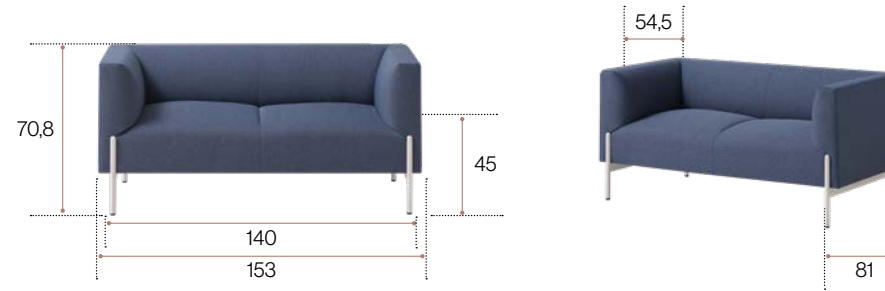
Dimensions

cm

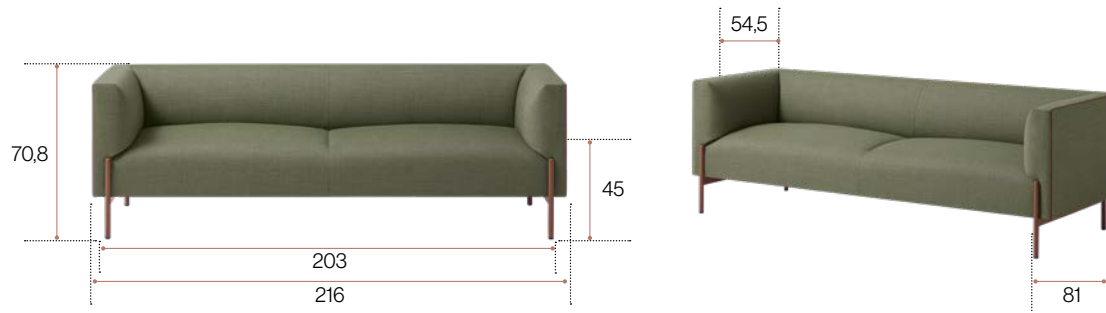
**1 seater sofa**






**2 seater sofa**



**3 seater sofa**



	kg			
1 seater sofa	39 kg	0,504 m <sup>3</sup>	1	3,6 m
2 seater sofa	58,5 kg	0,877 m <sup>3</sup>	1	5,4 m
3 seater sofa	70,35 kg	1,239 m <sup>3</sup>	1	6,7 m

## Life cycle analysis



Raw Materials	kg	%
<b>Upholsteries / Filling materials</b>	<b>37,04</b>	<b>52,63</b>
<b>Wood</b>	<b>22,27</b>	<b>31,65</b>
<b>Steel</b>	<b>10,81</b>	<b>15,36</b>
<b>Plastics</b>	<b>0,25</b>	<b>0,36</b>

**% Recycled Mat.= 48%**  
**% Recyclable Mat.= 67,99%**

## 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.
- Powder 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%.
- Powder 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.

### Transport

- 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 standardized 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.

### **Plastic pieces**

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

### **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 cotton cloth.

### **Plastic pieces**

- ① Rub the dirty spot with a wet cloth with PH neutral soap.  
Test first on a hidden spot.
- ② Do not use abrasive products under any circumstances.