

# esPattio

TECHNICAL FEATURES

# NOTA

By Jorge Herrera Studio



## Tables



### Covers

- **Wood:** 16 mm thick DM fiber board. Covered by a porous wood veneer with chamfer. The edge and downside of the board have the same lacquered finish. Finished with in-line UV-cured varnish. Surface sprayed with a water-based ultraviolet product. 100% ecologic.

### Structure

- **Fixed:** easy-to-assembly structure. 5 mm thick steel plate base, attached to a 32 mm long, 1,5 mm wide tubular steel mast. Aluminium injected linking piece attached to the mast that holds the cover with four screws. The whole structure is lacquered in the same colour and is delivered disassembled.
- **Adjustable in height:** structure that allows regulating the desk height through a threaded mechanism. It consists of a 5 mm steel plate base attached to a 40 mm diameter and a 2 mm thick extruded aluminium tubular mast.  
The piston, made up by a 32 mm steel tube, is introduced and fixed to the extruded tube by plastic pieces that prevent the piston from sliding and rotating.  
Aluminium injected linking piece attached to the piston, holding the cover with four screws.

### Packaging

Single package with every part. Base, mast, linking piece and cover disassembled. Tight packing to prevent internal slippage of parts.  
Total volume optimized to the maximum for transport. Always with the purpose of obtaining flat and stackable packages.

## 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.

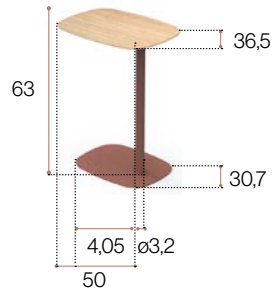
As a general rule, we recommend the use of environmentally friendly cleaning agents. Please follow the cleaning product manufacturer's instructions.

► [Information](#)

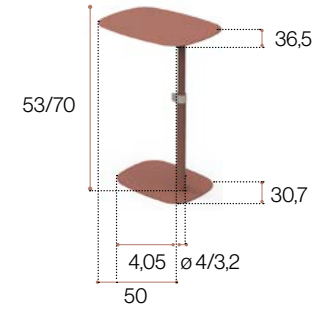
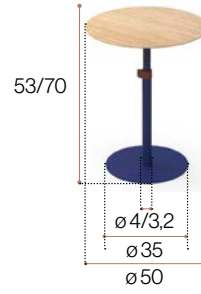
Dimensions

cm

**Fixed table**



**Adjustable tables**



	Rounded			Rectangular		
	kg			kg		
Fixed table	7,88-7,48 kg	0,02 m <sup>3</sup>	1	7,83-7,43 kg	0,01 m <sup>3</sup>	1
Adjustable table	7,96-7,56 kg	0,02 m <sup>3</sup>	1	7,91-7,51 kg	0,01 m <sup>3</sup>	1

## Life cycle analysis



PLTAR

Raw material	kg	%
<b>Steel</b>	<b>5,1</b>	<b>67,1</b>
<b>Wood</b>	<b>1,7</b>	<b>22,3</b>
<b>Aluminium</b>	<b>0,6</b>	<b>7,8</b>
<b>Plastic</b>	<b>0,2</b>	<b>2,6</b>

**% Recycled Mat.= 71,8%**

**% Recyclable Mat.= 95%**

## 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.

### 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.
- EsPattio 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):
- Wood is 100% recyclable. Steel is 100% recyclable. Aluminium is 100% recycable. 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.