

# STUA

## LIBERA ARMCHAIR TECHNICAL DETAILS



### LEGS & SHELL

The Libera armchair legs are made of solid walnut wood or ash stained in black.

The seat shell is made of moulded plywood. The padding of the shell is made with different layers of foam to create an amazing comfort.

The foam is fire retardant.



### METAL FRAME

The two wooden legs are connected with a metal frame (under the seat) that is lacquered in black. This metal frame ensures the long life of the armchair.



### COMFORT

The angle between seat and back adapts perfectly to the body. The armchair has an extraordinary comfort with a declined seat and gentle backrest.

The seat rests on high-quality elastic webbing straps. These straps have a 10 year guarantee.



### ARMRESTS

The armrests are generous and tactile, with a nice touch, thanks to the ergonomic design.

There are two frame options:

- natural walnut
- black stained ash

The wood is protected with an acrylic cover to make the chair more durable.



### RUBBER FEET

The wood legs of Libera include a rubber stopper to ensure the long life of the design and to prevent damage on delicate floors.

### UPHOLSTERY

The upholstery covers are not removable.

### PATAS Y CARCASA

Las patas de la butaca Libera son de madera maciza de nogal o fresno teñido negro.

La carcasa del asiento es de madera moldeada. El relleno de espuma está realizado con capas de diferentes densidades para un gran confort.

El foam es ignífugo.

### ESTRUCTURA METÁLICA

Las dos patas de madera se unen mediante una estructura de acero lacado en color negro. Sobre este chasis se instala el asiento tapizado. Esta estructura metálica alarga la vida de la butaca.

### CONFORT

El ángulo entre el asiento y el respaldo se adapta al cuerpo perfectamente. El asiento cuenta con una inclinación que nos hace sentir cómodos.

El asiento descansa sobre cinchas elásticas. Estas cinchas cuentan con una garantía de 10 años.

### BRAZOS

Los brazos son generosos y agradables al tacto gracias a su diseño ergonómico.

Existen dos opciones para la estructura de madera:

- nogal natural
- fresno teñido negro

La madera se protege con una capa acrílica para una gran durabilidad.

### TACOS DE GOMA

Las patas de Libera se rematan en la parte inferior con un taco de goma, que protege los suelos delicados.

### TAPICERÍA

La tapicería de Libera no es desenfundable.

### FRAME ESTRUCTURA



Solid Walnut  
Nogal macizo



Black stained ash  
Fresno teñido negro

### UPHOLSTERIES TAPIZADOS



[stua.com/design/libera](http://stua.com/design/libera)  
[stua.com/es/design/libera](http://stua.com/es/design/libera)



Weight / Peso: 10 Kg



## LIBERA IN BOSCO 004 FRB004, THE "IN-STOCK" TEXTILE



IN-STOCK Libera: [www.stua.com/in-stock](http://www.stua.com/in-stock)

## SUSTAINABLE DESIGNS

Within STUA's strategy, both, the quality of products and the preservation of the environment in our production processes, are a priority.

Over the years STUA has been implicated to the search for environmentally friendly raw materials, processes, products and packaging.

Among many others, we can highlight the following characteristics and actions:

- To design long lasting and good quality products.
- To reduce the consumption of raw materials.
- To use recycling materials.
- To use production systems which are environmentally friendly.

The achievement of these aims will contribute to a real sustainable development.

Our products hold the main European certificates and comply with demanding German standards as regards product resistance and ergonomics. At STUA we also care for people's health.

## ENVIRONMENTALLY FRIENDLY PACKAGING

- In the pursuit of an environmentally friendly packing, STUA is removing all the plastic from this process.
- All STUA cardboard packaging is made with recycled materials and is 100% recyclable because no staples are used in the production.
- Our remaining packaging plastics contain no halogen.

## LOGISTICS MINIMIZING CARBON FOOTPRINT

- STUA choose the eco-friendliest transportation method available.
- We select logistic partners who use environmentally-friendly technologies for their vehicles/engines and are located close to the factory where our products are manufactured in order to reduce the emission release.
- Load Optimization. We try to send a truck only when it is fully loaded.
- Route Optimization. By choosing the best route, it is possible to save fuel and, consequently, reduce the amount of CO<sub>2</sub> emissions.

## RESPONSIBLE MANUFACTURING

- This product is totally manufactured in the European Union.
- The STUA designs are created for a long duration. This helps to make a friendly use of the natural resources. We offer a 2-year guarantee on all the STUA products. STUA guarantees a period of availability of spare parts of 10 years for any product.
- The wood used to manufacture our designs comes from sustainably managed forests registered with the PEFC (Programme for the Endorsement of Forest Certification).
- The MDF material and glues used in the production are formaldehyde free. STUA products use materials that comply with M1 and the California Air Resources Board ACTM 93120.2.
- STUA's fabrics comply with the strict ISO 14001 international environmental regulations regarding its products and its manufacturing processes.
- STUA's upholstery is fire-resistant but avoids the use of harmful retardants like PBB and PBDE.
- The foams used by STUA complies the most exhaustive ecological textile certificate: the OEKO-TEX STANDARD 100. The analyses include prohibited and regulated substances, chemicals considered dangerous to health, and preventive parameters.
- The treatment of metal parts for their subsequent painting, with powder paint or chromed, is the one corresponding to a degreasing and phosphating of the same. No aromatic solvents are used and no diffuse emissions of volatile organic compounds are generated.
- STUA's chrome plating process uses a trivalent chromium bath to replace the highly-toxic hexavalent chromium bath. The trivalent chromium process must produce hard chrome components that perform as well as or better than the older process. Other additional advantages involved in this process:
  - It is not necessary to reduce hexavalent chromium in wastewater.
  - It makes it easier to handle and use the product.
  - No gas emissions are produced.
- The recyclability of the metallic materials used by STUA reaches 97%.
- Our plastic elements are excluded from heavy metals and phthalats in their manufacture, as well as halogenated plastics such as PVC.
- STUA promotes processes with low water consumption. In the last 5 years, we have achieved a 31% saving in drinking water consumption by implementing saving processes.



USE OF WOOD FROM SUSTAINABLY MANAGED FORESTS



ECOLOGICAL UPHOLSTERY WITHOUT PBB & PBDE



FOAMS FIRE RETARDANT & FREE OF TOXIC SUBSTANCES



FORMALDEHYDE FREE PRODUCTS



HEXAVALENT CHROMIUM-FREE FINISHES



PROCESSES WITH LOW WATER CONSUMPTION



RECYCLABLE MATERIALS AND PACKAGING



CERTIFICATED FOR POSTURAL HEALTH