

# IKARA



■ Code: FTS 1007 032

■ Description: Moulded plywood chair

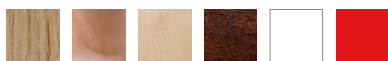
### DESCRIPTION

**Frame** steel molded and cone shape tube Ø 22 x 1,5 mm in different finishes: **aluminium, chrome or white**. Oscillating levelers. Includes trim-protector for stacking a maximum of 4 units. Polypropylene (P.P) Linking devices 5 mm thickness.

Different Shell models:

- **Beech plywood lacquered** sheets placed in perpendicular or transversal position. 10 mm thickness lacquered board available in wengue, natural chesnut, red, white, natural oak or natural beech.
- **Upholstered** finish. Inner, 2 cm foam (40kg/m<sup>3</sup>)
- **Leather face**, 2 mm thickness leather, inner made of 4 mm thickness latex in the seat and 6 mm thickness latex in the back + beech, chestnut, wengue or black shell.

### LACQUER WOOD FRAME

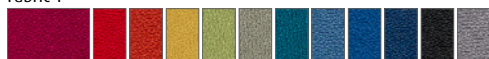


### UPHOLSTERED FRAME

Fabric K



Fabric T



Fabric N

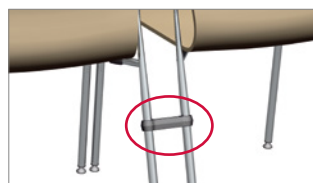


### LACQUER CASE SKIN



(see finishes and fabric card)

### COMPLEMENTS



Polypropylene (P.P) linking devices.  
5 mm thickness



Stackable chairs



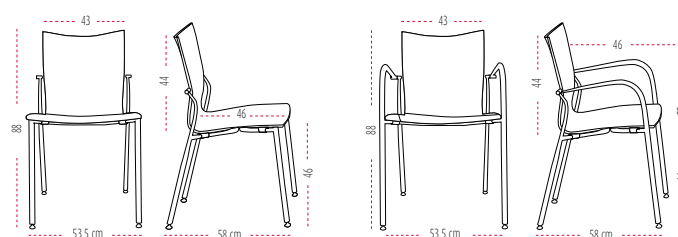
- ① Housing Monoblock
- ② Arms in finishes **aluminium, chrome or white**
- ③ Hub cap-stacking protector
- ④ Steel tube de Ø 22 x 1,5 mm in different finishes: **aluminium, chrome or white**
- ⑤ Oscillating levels

### SIZES

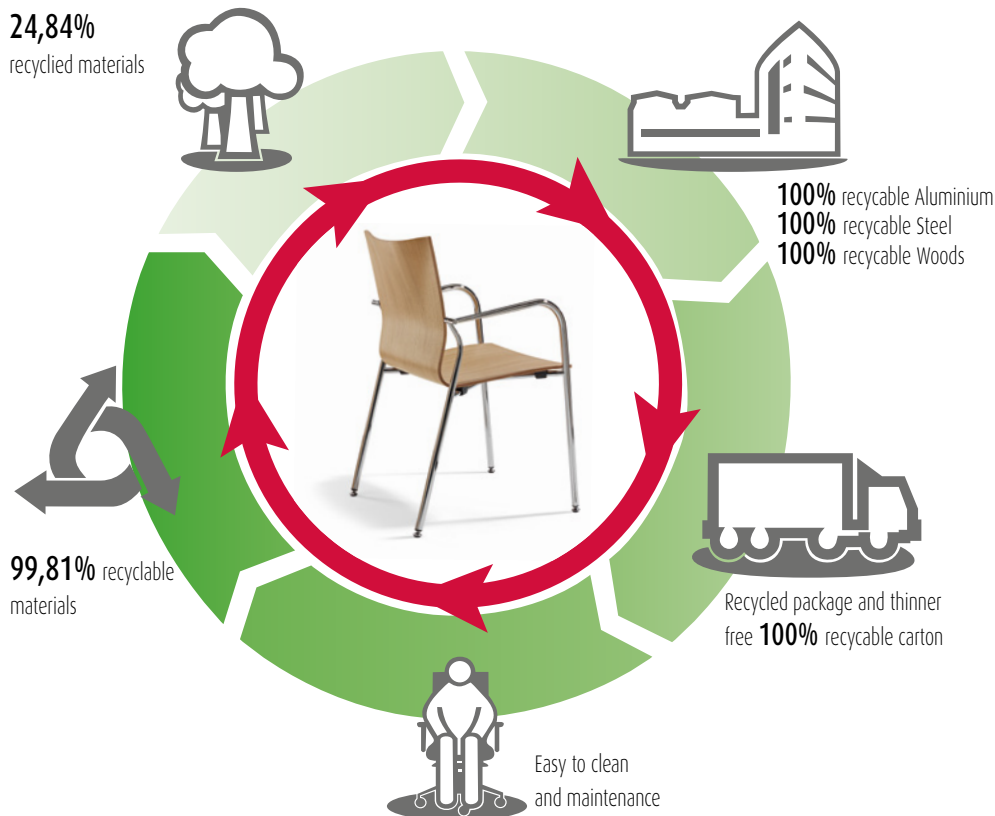
Total height: from 880 mm  
Total width: from 535 mm  
Total depth: from 580 mm

Seat height: from 440 mm  
Seat width: from 430 mm  
Seat depth: from 460 mm

### SIZES



**24,84%**  
recycled materials



#### MATERIALS

**IKARA** has been designed to be manufactured with recycled materials 24,84%, danger substances such as chrome, mercury or cadmium are not used in big quantity. Recyclables Aluminium, Steel and Wood 100%. Organic volatile Components. Packages manufactured with recycled carton. Ink thinner free.



#### PRODUCTION

Energy use is optimized during the production process. Minimum environmental impact. Last generation technological system in coating processes. Painting that have not been used is recovered to use it again. Zero COVs emissions and other contaminant gas. Close water circuit to clean the metals. Heat recovery. Automatic manufacture systems. Cut process is planned.



#### TRANSPORT

Optimum packaging to reduce space in transport and save energy.



#### USE

Long lasting use. Spare parts and replacements available. Easy to clean and maintenance.



#### DISPOSAL

99,81% recyclable. Easy and quick to split **IKARA** components. Packages are reuse by our supplier to avoid waste generation. Carton used in packages is recyclable.

### CERTIFICATES AND REFERENCES

The different programmes get points in different environmental categories to get the LEED certificate (sustainability, material and resources, water, energy and atmosphere, inner environment quality, innovation and design).



The mark of  
responsible forestry



PEFC Certificate



EN ISO 14006:2011  
ECODESIGN Certificate



UNE-EN ISO 9001:2008  
ISO 9001 Certificate



UNE-EN ISO 14001:2004  
ISO 14001 Certificate



E1 by EN 13986 Certificate



**ACTIU TECHNOLOGICAL PARK**  
project certified as LEED® GOLD  
by U.S. Green Building Council 2011  
Leadership in Energy & Environmental Design



### DESCRIPTION

**Frame,** Manufactured with warm laminated steel cylinder tube, moulded, flatten and conical shape (25 - 17 mm), 2,5 mm thickness in finishes **aluminium, chrome or white**. Swivel **Base,** self-return and oscillating levers.

Different Shell models:

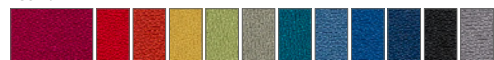
- **Upholstered** finish. Inner, 2 cm foam (40kg/m<sup>3</sup>)
- **Leather face**, 2 mm thickness leather, inner made of 4 mm thickness latex in the seat and 6 mm thickness latex in the back + beech, chestnut, wengue or black shell.

### UPHOLSTERED FRAME

Fabric K



Fabric T



Fabric N

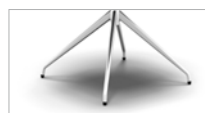


### LACQUER CASE SKIN



(see finishes and fabric card)

### BASES



Steel shaped and tapered tube  
Chromed finish - 71,5 cm.  
Oscillating levels



Steel shaped and tapered tube  
White Finish - 71,5 cm.  
Oscillating levels



Steel shaped and tapered tube  
Silver Finish - 71,5 cm.  
Oscillating levels



- ① Housing Monoblock
- ② Arms in finishes **aluminium, chrome or white**
- ③ Auto-return
- ④ Steel cylinder tube, moulded, flatten and conical, in different finishes: **aluminium, chrome or white**
- ⑤ Oscillating levels

### SIZES

**Total height:** from 880 mm

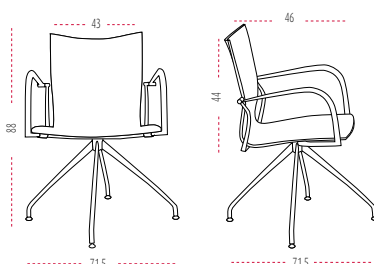
**Total width:** from 715 mm

**Total depth:** from 715 mm

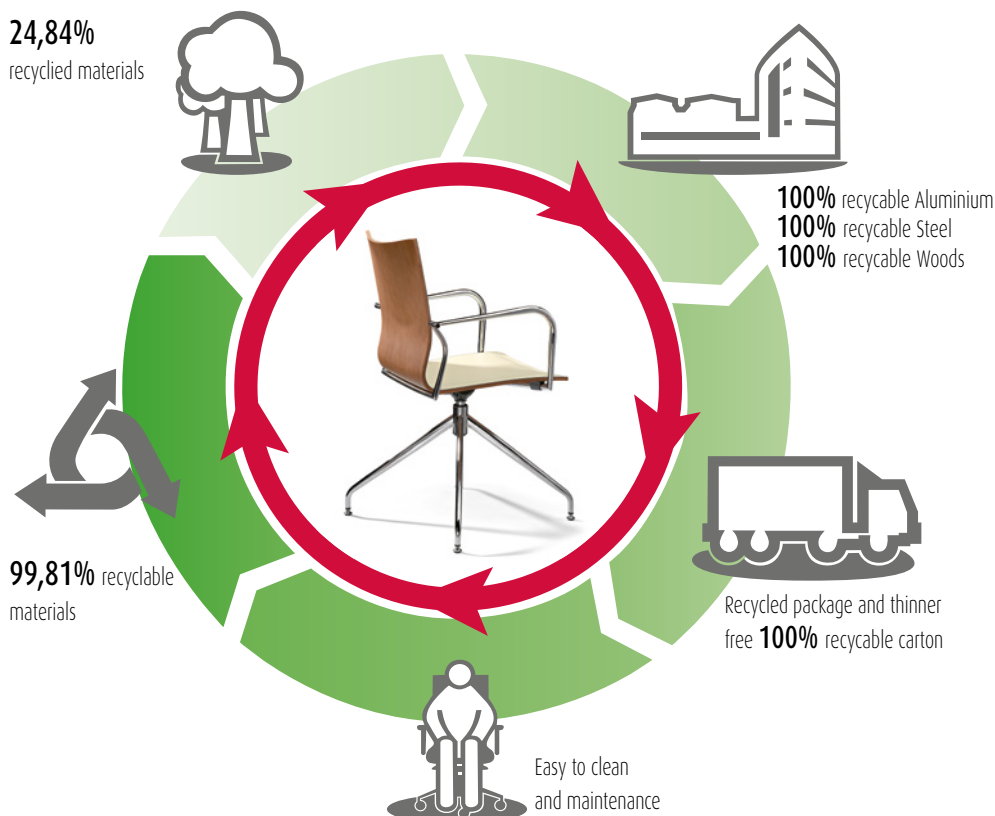
**Seat height:** from 440 mm

**Seat width:** from 430 mm

**Seat depth:** from 460 mm



**24,84%**  
recycled materials



## MATERIALS

**IKARA** has been designed to be manufactured with recycled materials 24,84%, danger substances such as chrome, mercury or cadmium are not used in big quantity. Recyclables Aluminium, Steel and Wood 100%. Organic volatile Components. Packages manufactured with recycled carton. Ink thinner free.



## PRODUCTION

Energy use is optimized during the production process. Minimum environmental impact. Last generation technological system in coating processes. Painting that have not been used is recovered to use it again. Zero COVs emissions and other contaminant gas. Close water circuit to clean the metals. Heat recovery. Automatic manufacture systems. Cut process is planned.



## TRANSPORT

Optimum packaging to reduce space in transport and save energy.



## USE

Long lasting use. Spare parts and replacements available. Easy to clean and maintenance.



## DISPOSAL

99,81% recyclable. Easy and quick to split **IKARA** components. Packages are reuse by our supplier to avoid waste generation. Carton used in packages is recyclable.

## CERTIFICATES AND REFERENCES

The different programmes get points in different environmental categories to get the LEED certificate (sustainability, material and resources, water, energy and atmosphere, inner environment quality, innovation and design).



The mark of  
responsible forestry



PEFC Certificate



EN ISO 14006:2011  
ECODESIGN Certificate



UNE-EN ISO 9001:2008  
ISO 9001 Certificate



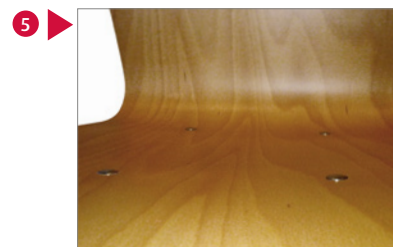
UNE-EN ISO 14001:2004  
ISO 14001 Certificate



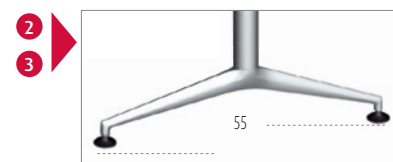
E1 by EN 13986 Certificate



**ACTIU TECHNOLOGICAL PARK**  
project certified as LEED® GOLD  
by U.S. Green Building Council 2011  
Leadership in Energy & Environmental Design



Detail for the fixing to the frame



Steel column Ø 60 x 2 mm  
Moulded aluminum feet 55 cm x 6 mm

### DESCRIPTION

#### 1 Different types of shells:

**Beech plywood lacquered**, sheets placed in perpendicular or transversal position. 10 mm thickness lacquered board available in wengue, natural chestnut or beech.

**Upholstered** finish. Inner, 2 cm foam (40kg/m<sup>3</sup>)

**Leather face**. 2 mm thickness leather, inner made of 4 mm thickness latex in the seat and 6 mm thickness latex in the back + beech, chestnut or wengue shell.

#### 2 Steel Column Ø 60 x 2 mm thickness in different finishes

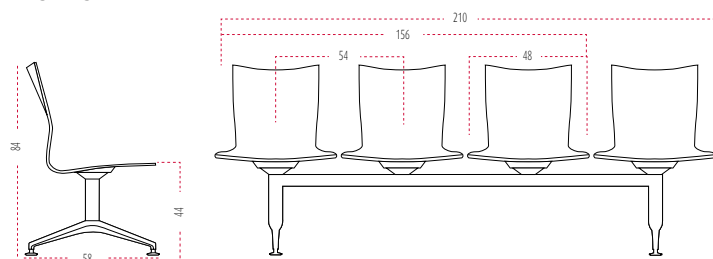
#### 3 Moulded aluminium Feet 55 cm width, 6 mm thickness in different finishes. Levelers M8 Ø 53 (P.P)+ black Anti-skid pads (PE). Column and feet epoxy finish 90 micron. Possible to apply anti-bacterial treatment.

#### 4 Silver steel Beam 60 x 40 x 3 mm thickness to link frame to shell in different finishes. Aluminium plate to fix the shell to the beam.

#### 5 Benches ideal for intensive severe use.

- Natural beech lacquered wood benches: sight fixings.
- Upholstered and leather faced benches: hidden fixings (embedded fixing devise)

### SIZES



### SIZES

Total height: from 840 mm

Total width: from 1560 to 2100 mm

Total depth: from 580 mm

Seat height: from 440 mm

Seat width: from 430 mm

Seat depth: from 460 mm

### LACQUER WOOD FRAME



### UPHOLSTERED FRAME

Fabric K



Fabric T



Fabric N



### LACQUER CASE SKIN



(see finishes and fabric card)

**24,84%**  
recycled materials



## MATERIALS

**IKARA** has been designed to be manufactured with recycled materials 24,84%, danger substances such as chrome, mercury or cadmium are not used in big quantity. Recyclables Aluminium, Steel and Wood 100%. Organic volatile Components. Packages manufactured with recycled carton. Ink thinner free.



## PRODUCTION

Energy use is optimized during the production process. Minimum environmental impact. Last generation technological system in coating processes. Painting that have not been used is recovered to use it again. Zero COVs emissions and other contaminant gas. Close water circuit to clean the metals. Heat recovery. Automatic manufacture systems. Cut process is planned.



## TRANSPORT

Optimum packaging to reduce space in transport and save energy.



## USE

Long lasting use. Spare parts and replacements available. Easy to clean and maintenance.



## DISPOSAL

99,81% recyclable. Easy and quick to split **IKARA** components. Packages are reuse by our supplier to avoid waste generation. Carton used in packages is recyclable.

## CERTIFICATES AND REFERENCES

The different programmes get points in different environmental categories to get the LEED certificate (sustainability, material and resources, water, energy and atmosphere, inner environment quality, innovation and design).



The mark of  
responsible forestry



PEFC Certificate



EN ISO 14006:2011  
ECODESIGN Certificate



UNE-EN ISO 9001:2008  
ISO 9001 Certificate



UNE-EN ISO 14001:2004  
ISO 14001 Certificate



E1 by EN 13986 Certificate



**ACTIU TECHNOLOGICAL PARK**  
project certified as **LEED® GOLD**  
by U.S. Green Building Council 2011  
Leadership in Energy & Environmental Design

### ■ **ERGONOMICS**

ÍKARA is available for all types of users. Perfect for any need and keeps user's posture in a natural way without any manual adjustment.

### ■ **ECOLOGY**

#### **ENERGY SAVING**

The new technological production system included, reduces the energy resources used to manufacture each component. Materials are very well used to avoid wastes.

#### **RECYCLED AND RECYCLABLE MATERIALS**

ACTIU environmental policy opts to use recycled materials in those components where functionality and lasting is not a condition. Materials used in ÍKARA such as Aluminium, Steel or Bois are totally recyclable.



**■ REMARKABLE VALUES**

**1** – Coating 90 micras thickness. This covering guarantees the finish and maintenance of metal structures.

**2** – Painting process:

Actiu painting plant has minimum environmental impact against the traditional industry processes.

Treatment is done by polarized coating and compacted with temperature. We get homogeneous and regular application with 98% of painting and the remaining 2% is used to produce other paints. Paints used are COVs free (Volatile Organic Components) which are very dangerous for the environment. All water used in the process is re-used, so we get zero dump. The process is free in heavy metal, phosphate, organic components and **DQD** (Biochemical demand of Oxygen). The program gives us an exact control of thickness, so it provides us with standard thickness (90 micron).

**3** – ACTIU has **PEFC y FSC**, certificate to proof that the wood used in our products comes from sustainable exploitations and **ECODESIGN ISO 14006** certificate.