

Forma 5

TECHNICAL FEATURES

# BOW CHAIR



## FIXED CHAIR 4 WOODEN LEGS



## DIMENSIONS

|                      | Without arms | With arms   |
|----------------------|--------------|-------------|
| Height               | 84 cm        | 84 cm       |
| Seat height          | 46 cm        | 46 cm       |
| Width                | 58 cm        | 62 cm       |
| Depth                | 62,5 cm      | 60 cm       |
| Seat depth           | 42 cm        | 42 cm       |
| Weight (gross - net) | 11 - 8,5 kg  | 11,5 - 9 kg |
| Fabric meters        | 1,5 m        | 1,5 m       |

Dimensions in centimeters

## FIXED CHAIR 4 CONICAL METAL LEGS



## DIMENSIONS

|                      | Without arms  | With arms     |
|----------------------|---------------|---------------|
| Height               | 84 cm         | 84 cm         |
| Seat height          | 46 cm         | 46 cm         |
| Width                | 58 cm         | 62 cm         |
| Depth                | 62,5 cm       | 60 cm         |
| Seat depth           | 42 cm         | 42 cm         |
| Weight (gross - net) | 11,9 - 9,4 kg | 12,4 - 9,9 kg |
| Fabric meters        | 1,5 m         | 1,5 m         |

Dimensions in centimeters

## SWIVEL CHAIR WITH PYRAMIDAL METAL BASE

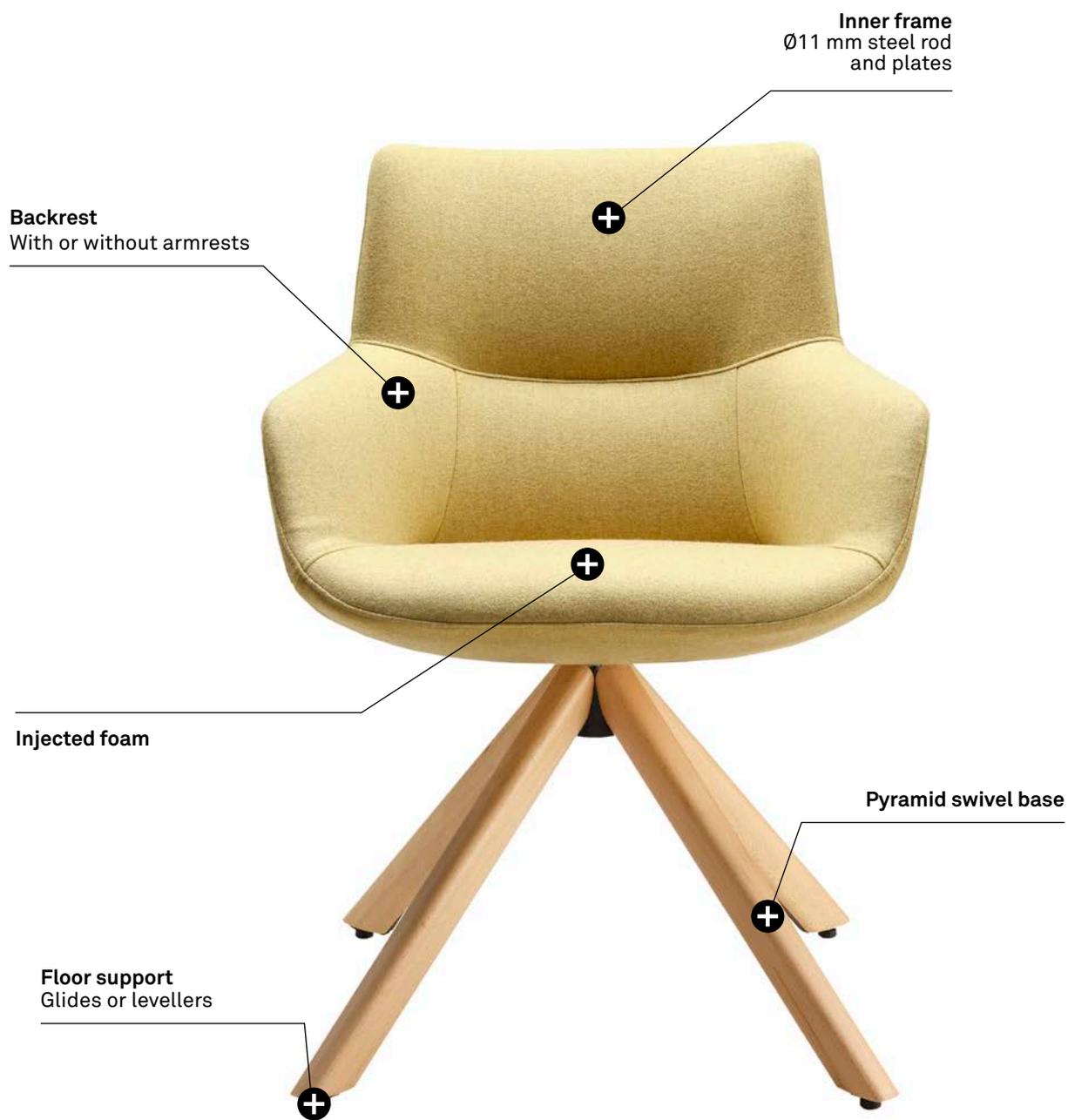


## DIMENSIONS

|                      | Without arms   | With arms      |
|----------------------|----------------|----------------|
| Height               | 84 cm          | 84 cm          |
| Seat height          | 46 cm          | 46 cm          |
| Width                | 58 cm          | 62 cm          |
| Depth                | 62,5 cm        | 60 cm          |
| Seat depth           | 42 cm          | 42 cm          |
| Weight (gross - net) | 20,3 - 17,6 kg | 24,4 - 19,8 kg |
| Fabric meters        | 1,5 m          | 1,5 m          |

Dimensions in centimeters

## SWIVEL CHAIR WITH PYRAMIDAL WOODEN BASE



### DIMENSIONS

|                      | Without arms   | With arms    |
|----------------------|----------------|--------------|
| Height               | 84 cm          | 84 cm        |
| Seat height          | 46 cm          | 46 cm        |
| Width                | 58 cm          | 62 cm        |
| Depth                | 62,5 cm        | 60 cm        |
| Seat depth           | 42 cm          | 42 cm        |
| Weight (gross - net) | 16,8 - 14,2 kg | 18,6 - 16 kg |
| Fabric meters        | 1,5 m          | 1,5 m        |

Dimensions in centimeters

## SWIVEL CHAIR WITH POLISHED ALUMINIUM FLAT BASE



### DIMENSIONS

|                      | Without arms   | With arms      |
|----------------------|----------------|----------------|
| Height               | 84 cm          | 84 cm          |
| Seat height          | 46 cm          | 46 cm          |
| Width                | 58 cm          | 62 cm          |
| Depth                | 62,5 cm        | 60 cm          |
| Seat depth           | 42 cm          | 42 cm          |
| Weight (gross - net) | 13,6 - 11,1 kg | 15,6 - 13,1 kg |
| Fabric meters        | 1,5 m          | 1,5 m          |

Dimensions in centimeters



### SHELL

Backrest with or without versions have a strong metal frame made from 11mm diameter cold rolled steel rods and steel support plates. This frame is then wrapped and injected with high density foam 62kg/m<sup>3</sup>. This base is then upholstered at various thickness, with at least a depth of 12.5 cm at the seat area.

### STRUCTURE

#### 4 WOODEN LEGS

Fixed structure with 4 legs made of varnished or lacquered beech wood. Each leg tapers from 4cm to 3 cm at the foot. Bolt-on glides manufactured in black polyethylene with grey anti-slip are then added.

#### SLED BASE STATIONARY CHAIR

Ø 11 mm curved sled structure.

#### FLAT BASE

Polished aluminium flat base with 4 polypropylene glides. Rectangular section arms. 70 cm diameter base.

#### 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.

#### 4 SPOKE BASE

4 spoke swivel structure made of aluminium with conical shape of ø70 cm and h: 30,8 cm.

#### PYRAMIDAL WOODEN BASE

Crew-in swivel structure made of steel and covered with a varnished beech wooden case of 71.8 x 71.8 x h:39cm. Plus polypropylene levelers.



## TABLES

### STRUCTURE 4-LEGGED

All wooden components are accurately and precisely machined. The structure is normally based on a cross section or a triangular format for strength and stability. The legs are inclined and tapered. All components and joints are glue spiked. Each table can be varnished or lacquered.

The tops of the tables are separated from the structures by means of conical aluminum bushes that act as spacers. The support legs have a felt finish to the floor.



### WOODEN PYRAMIDAL BASE

Structure with pyramidal base of wooden legs that are fixed to a metal structure by means of screws that can be easily replaced. The legs are made of beech wood with a variable section geometry and can be lacquered or varnished. The support to the floor with glides, screwed and clipped to the leg with a felt finish.

Fixing to the top using a metal plate and 4 screws.



### WOODEN TOPS

23 mm thick DM fiber board. Coated with natural wood veneer with open pores. The edge and underside of the lacquered board is painted black when the finish has a grain. When the top is lacquered, all is lacquered (bottom and top). Finished with varnish and ultraviolet curing. The surface treatment is a water based ultraviolet product. 100% ecological.



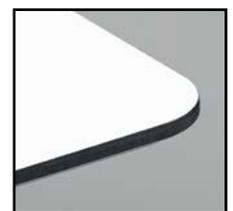
Wood top



Lacquered wood top

### KOMPRESS TOPS

13 mm thick board top, high density fiber resistant to humidity with melamine coating to the top and bottom faces. Machined underneath for correct assembly. Unclad edge, black finish.



Kompress top



Life Cycle Analysis  
**BOW CHAIR Program**



| RAW MATERIALS   |          |     |
|-----------------|----------|-----|
| Raw Material    | Kg       | %   |
| Steel           | 12,31 Kg | 68% |
| Uphols./Fulling | 5,802 Kg | 32% |
| Wood            | 0,01 Kg  | 1%  |

% Recycled materials= 5%  
 % Recyclable materials= 12 %

## Ecodesign

Results reached during the life cycle stages



**Steel**  
 15%-99% recycled material.

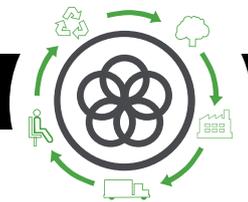
**Paintings**  
 Powder painting without COV emissions

**Plastic**  
 30%-40% recycled material.

**Upholsteries**  
 Without COV emissions and certified by Okotext.

**Staff material**  
 Without HCFC 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 and dangerous waste special treatment.



## TRANSPORT

### Cardboard use optimization

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.

### Forma 5 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):

Steel is 100% recyclable.

Plastics are from 70 to 100% recyclable.

### With no air or water pollution

while removing waste.

### Returnable, recyclable and reusable packing

### Product recyclability 36%

# CHAIR MAINTENANCE AND CLEANING GUIDE

LINES FOR A CORRECT CHAIR CLEANING AND MAINTENANCE, CONSIDERING THE DIFFERENT MATERIALS:

## FABRICS

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- 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

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Rub the dirty spots with a wet cloth with PH neutral soap.

Do not use abrasive products in any case.

## METAL PIECES

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- 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.

Design by STUDIO YONOH