

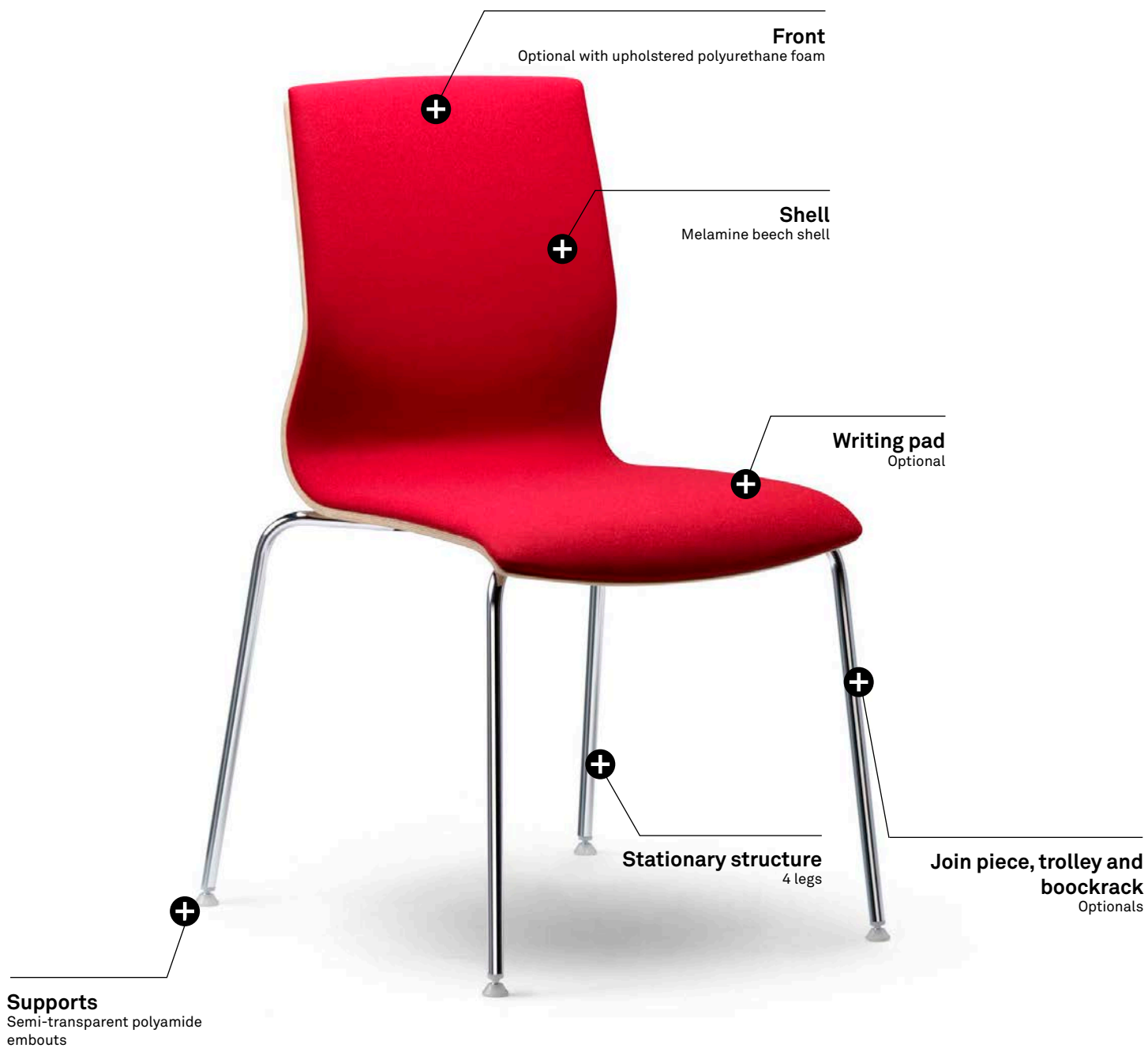
Forma 5

TECHNICAL FEATURES

**CURVAE**



# STATIONARY CHAIR | 4-LEGGED

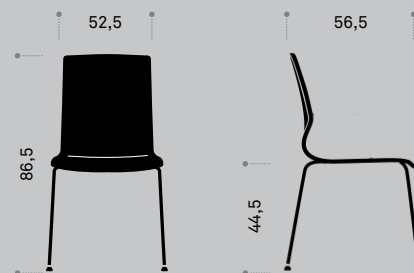


## DIMENSIONS

Height *	86,5 cm
Seat height *	44,5 cm
Width	52,5 cm
Depth	54,5 cm
Weight (without arms / with arms / with pad) *	5,16 kg
Fabric meters	1 m



These minimum and maximum dimensions depend on the chosen configuration (arms, writing pad...). Please ask for concrete values in case you need them.



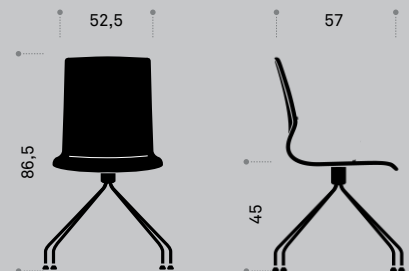
Dimensions in centimeters

# SWIVEL CHAIR | 4-SPOKE BASE



## DIMENSIONS

Height *	86,5 cm
Seat height *	45 cm
Width	52,5 cm
Depth	57 cm
Weight (without / with arms) *	9,01 kg
Fabric meters	1 m



\* These minimum and maximum dimensions depend on the chosen configuration (arms, writing pad...). Please ask for concrete values in case you need them.

Dimensions in centimeters

## ELEMENT DESCRIPTION

### SHELL

Overlaid beech polylaminate.

10 mm total thick, the cut of the shell has a format which the height and width dimensions are similar and they give, with the backrest curve, an ergonomic and generous support. The shell is screwed to the structure.

The finish is made by varnish pulverization acrylic glossy and added on both sides.

The upholstered front version starts in the inner shell and it is covered by polyurethane foam with 25 kg/m<sup>3</sup> density and 10 mm thick.



Beech shell

### WRITING PAD (4 LEGS)

13 mm thick kompress top writing pad with a 220 x 335 mm writing surface. The aluminium anti-panic mechanism allows placing the writing surface horizontally and vertically and its adjustment is placed on the side of the user. Left and right rotation. The pad ergonomics may be adapted to the user needs. It is also possible to adjust the distance from the user to the top. Allows stackability.



Writing pad

### BASE

**4-LEGGED STATIONARY CHAIR:** four 16 x 1,5 mm curved legs, welded together with steel tubes. Finishes: chromed and double-layer silver grey (100 microns). Anti-sliding polyamide floor supports for an easy adaptation to any surface.

**4 SPOKE BASE SWIVEL CHAIR:** swivel axis below the seat. Four Ø 16 mm steel sleds. Translucent truncated cone glides with spherical insert are provided for floor support. Without height adjustment. The set is fixed to the base through an axis-cap mechanism to facilitate the chair turn. Chromed finish in the base and double layer in the mechanism.



4-legged base



4-spoke base

### BOOKRACK

5 mm thick steel rod bookrack. Easy to install. It hangs from the seat with some fittings, which are screwed to the shell. Chairs with bookrack are not stackable.



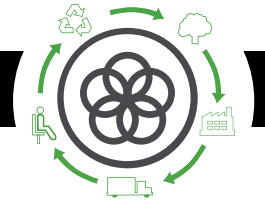
### CHARIOT PORTE-CHAISES

The trolley for stack chairs is made of polypropylene injection mould, 99 x 58 x h:50. It includes 4 casters, 2 of them with locking mechanism, made of galvanized steel sheet.



### UPHOLSTERY

Backrest and seat available for all the fabrics range of Forma 5, including a wide range of fabrics (yarn, fireproof fabrics) and leathers Consult fabrics brochure and Forma 5 Pricelist. The Group 1, 2, 3 and 5 fabrics of Forma 5 are supplied by the manufacturer company Camira. Although our fabrics brochure includes a selection of the Camira fabrics, if the customer requires another specific, Forma 5 will upholster any of its fabrics in any fabric from Camira catalog.



Life Cycle Analysis  
**Program CURVAE**



RAW MATERIALS		
Raw material	Kg	%
Steel	2,66 Kg	44 %
Plastics	0,2 Kg	3 %
Wood	3,10 Kg	51%
Aluminium	0,12 Kg	2 %

% Recycled materials= 20%  
 % Recyclable materials= 97%

## Ecodesign

Results reached during the life cycle stages



### MATERIALS

**Aluminium**

60% recycled material.

**Steel**

15%-99% recycled material.

**Plastic**

30%-40% recycled material.

**Upholsteries**

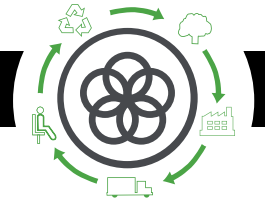
Without COV emissions and certified by Okotext.

**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

ecoverly of 93% of the non deposited painting

### Glue removal from the upholstery

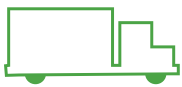
The facilities have an internal sewage for liquid waste.

### 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.

### 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 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% recyclable.

### With no air or water pollution

while removing waste.

### Returnable, recyclable and reusable packing

### Product recyclability 97%

# 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.

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## CERTIFICATE

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Forma 5 certifies that the Curvae program has passed all tests provided by our intern Quality Department, as well as the Technological Research Center (TECNALIA) with "satisfactory" results:

UNE-EN 15373:2007 / apt: 5.1, 5.2 : "General Requirements for Safety".

UNE-EN 1022:2005 / apt: 6.2, 6.6 y 6.4 : "Front, rear and lateral upset".

UNE-EN 1728:2001 / apt: 6.2.1, 6.2.2, 6.7, 6.8, 6.12, 6.13, 6.15 y 6.16: "Aesthetic load test on seat and backrest", "Aesthetic load test on the front edge of the seat", "Fatigue test on the seat and backrest", "Fatigue test on the front edge of the seat", "Aesthetic load test on the front legs", "Aesthetic load test on the lateral legs", "Impact over seat test" and "Impact over backrest test".

Developed by R&D FORMA 5