Forma 5

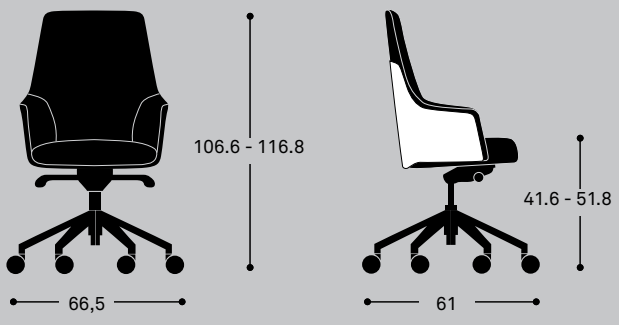
TECHNICAL FEATURES

CUORE

SWIVEL ARMCHAIR

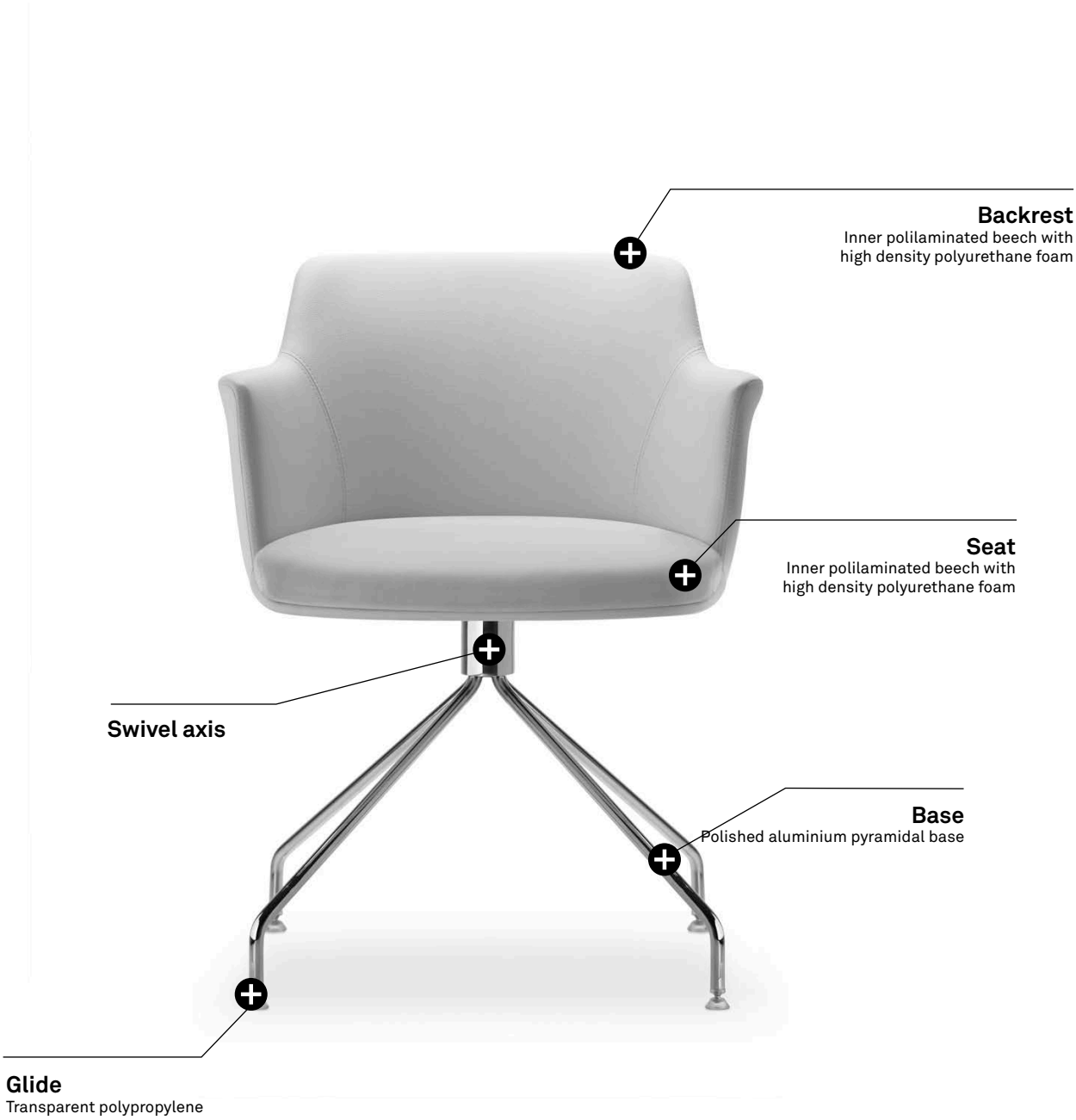
DIMENSIONS

Height	106.6 - 116.8 cm
Seat height	41.6 - 51.8 cm
Width	66.5 cm
Depth	61 cm
Weight	29,20 kg
Fabric meters: wooden or alum. outer backrest/ Upholstered outer back.	1,9 m / 2,9 m



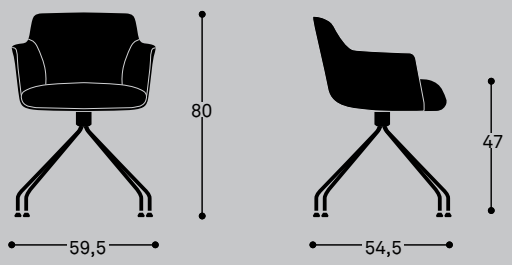
Dimensions in centimeters

SWIVEL VISITOR ARMCHAIR | 4-SPOKE CHROMED BASE



DIMENSIONS

Height	80 cm
Seat height	47 cm
Width	59,5 cm
Depth	54,5 cm
Weight	19,94 kg
Fabric meters	1,6 m



Dimensions in centimeters

VISITOR SWIVEL ARMCHAIR | 4-SPOKE FLAT ALUMINIUM BASE

Backrest
Inner polilaminated beech with high density polyurethane foam

Arm
Arms integrated in the backrest with polypropylene reinforcement

Seat
Inner polilaminated beech with high density polyurethane foam

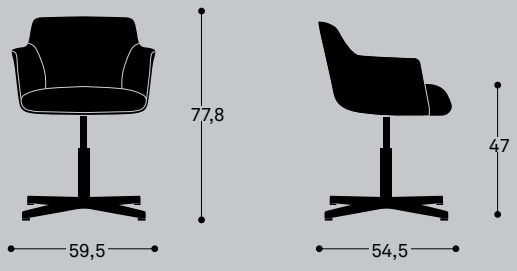
Mechanism
Auto-return lift

Base
4 spoke aluminium flat base

Glide
Black polypropylene

DIMENSIONS

Height	77,8 cm
Seat height	47 cm
Width	59,5 cm
Depth	54,5 cm
Weight	14,07 kg
Fabric meters	1,6 m



Dimensions in centimeters

VISITOR SWIVEL ARMCHAIR | ALUMINIUM STAR BASE

Backrest
Inner polilaminated beech with high density polyurethane foam

Arm
Arms integrated in the backrest with polypropylene reinforcement

Seat
Inner polilaminated beech with high density polyurethane foam

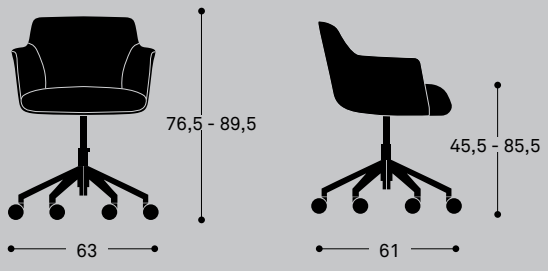
Height adjustment

Base
Polished aluminium D69 star base

Casters
Casters with chromed arc

DIMENSIONS

Height	76,5 - 89,5 cm
Seat height	45,5 - 85,5 cm
Width	63 cm
Depth	61 cm
Weight	15,57 kg
Fabric meters	1,6 m



Dimensions in centimeters

INNER BACKREST

High backrest with 0,6 cm thick polilaminated beech interior overinjected with 65 kg/^{m3} high density polyurethane foam. Rounded shapes and curved surfaces that facilitate the contact with the back in any position. They maximize the comfort feeling of the user. The upholstery covers completely the backrest, without wrinkles in its useful surface.

Inner high backrest

OUTER BACKREST

10 mm thick polilaminated beech outer shell. Depending on the chosen option, the outer shell has a high pressure cover made of varnished natural wooden board. It can also be chosen with the outer shell upholstered matching the rest of the upholstery.

Wooden outer backrest

Upholstered outer backrest

SEAT

Upholstered seat. The base of the seat is made by a beech polilaminated wooden board with 65 kg/m^3 high density overinjected foam. The upholstery highlights the ergonomic shape of the seat, facilitating the distribution of the pressures and decreasing the fatigue feeling.

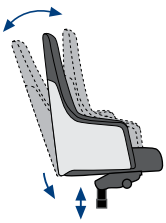
Swivel armchair

ARM

Arms built in the upholstered backrest, with polypropylene reinforcement and overinjected foam on the whole backrest.

MECHANISM

GAS: height adjustement by gas-lift.



SYNCHRO OSCILO: polished aluminium shell mechanism. 2:1 ratio for backrest leaning movement and seat rotation movement. Up to 20º leaning. 5 fixed positions. Anti-return system. Backrest leaning pressure adjustment. Leaning and height adjustment through levers.

VISITOR ARMCHAIR

Inner polypropylene shell, covered by upholstered foam on the seat, backrest and arms. Structure options: 4-spoke swivel base, flat base with auto-return tilt and pyramidal base of polished aluminum with chromed wheels and piston.

BASE

POLISHED ALUMINIUM: 69 cm diameter. 5 trapezoidal branches with rounded corners. Chromed inner arc polyamide soft casters D6.

4-SPOKE SWIVEL BASE: steel rod swivel base. Truncated cone transparent polypropylene supports. Chromed finish.

POLISHED ALUMINIUM FLAT BASE: with 4 polypropylene glides. Rectangular section arms. 70 cm diameter base.

Swivel armchair:
star 69 polished aluminium base

Swivel visitor armchair:
star 69 polished aluminium base

Swivel visitor armchair:
4 spoke chromed base

Swivel visitor armchair:
4 branches flat aluminium base

FLOOR SUPPORT

Swivel armchair:
double soft wheel chromed casters

4-spoke visitor armchair: leveller

4 branches visitor armchair: leveller

PACKING

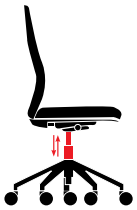
The armchair is delivered assembled and protected by a plastic. Optional paperboard box packing. Consult us.

UPHOLSTERY

Seat and backrest 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.

ERGONOMICS

TAKING CARE OF OUR BODY DOES NOT ONLY DEPEND ON GOOD NUTRITIONAL HABITS AND SPORT. THERE ARE OTHER FACTORS THAT CAN INFLUENCE HEALTH, LIKE A CORRECT POSITION AT THE WORKSTATION. FOR THIS REASON, TO KEEP THE BODY IN A GOOD SHAPE AND FREE OF PHYSICAL DISORDERS IS NECESSARY TO HAVE GOOD FURNITURE AND USE IT CORRECTLY.



CHAIR WITH HEIGHT ADJUSTMENT

Chairs should have an option to lift or lower the seat's height, through a mechanical or a pneumatic system. The position will be the correct one, when the feet rest firmly on the floor and the thighs remain in a horizontal position.
The mechanism should be easily accessible from a seating position.

LUMBAR ADJUSTMENT

Many chairs are designed with an adjustable back support. It is very suitable that this backrest may regulate the movements to the front and to the back, allowing to free or block the mechanism as desired. Many chairs also include a mechanism to adjust the chair curve to that of the back, providing a better comfort to the user.

SEAT CONSISTENCY

We spend a long time on the seat, so this one
should provide firmness and adapt to the user's
features. Both the high density foam and the
injected foam are very resistant, durable and
comfortable.

SEAT AND BACKREST LEANING

The chair should include a mechanism to control the seat leaning movement and keep a well-balanced position at work. The synchro system is the most extended one, but there are other versions which are more advanced, like the Oscilo synchro. This last one is a Forma 5 exclusive and it includes forward rotation axis that prevents for pressure on the user's legs.

5 BRANCHES BASE

To facilitate a movement with less effort and to
provide the chair stability and firmness, the base
should have 5 support points for the casters.

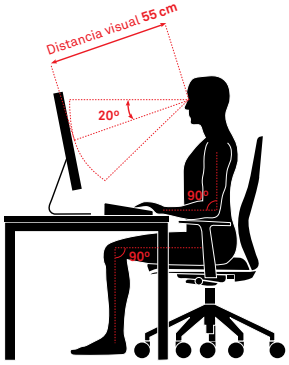
ADJUSTABLE ARMS

El apoyo de los brazos es fundamental para mantener una buena postura y no sobrecargar los brazos, además de servir para tomar asiento y levantarse del mismo.

UPHOLSTERY

The upholstery should be chosen depending on the chair location and the environmental conditions.

CONSIDERING THE ABOVE MENTIONED ADVICES, HERE ARE SOME COMMENTS ABOUT THE POSITION TO BE ADOPTED WHILE SEATING AT WORK



1. The distance between the screen and the eyes should be at
least 55 centimeters. The screen should also be located in front
of the used and not on one side.
2. The upper side of the screen should be located at eye level.
3. Thighs should be horizontal regarding the seat and the feet
should rest firmly on the floor, having enough space below the desk.
4. Breaks should be done often for muscle stretching and moving,
changing the position every once in a while.
5. Eyes should rest often, so that we do not get eyetstrain. For
example, focusing on different places and distant objects.

Life Cycle Analysis
CUORE Programme

RAW MATERIALS		
Raw Material	Kg	%
SSteel	5,04 Kg	29 %
Plastic	4 Kg	23 %
Aluminium	1,22 Kg	7 %
Uphols./Fulling	2,61	15 %
Wood	4,54 Kg	26 %

% Recycled materials= 51%
% Recyclable materials= 85%

Ecodesign

Results reached during the life cycle stages

MATERIALS

Steel
15%-99% recycled material.

Paintings
Podwer painting without COV emissions

Plastic
30%-40% recycled material.

Paintings
Podwer painting without COV emissions

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
ecovery 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% recycable.
Plastics are from 70 to 100% recyclable.

With no air or water pollution
while removing waste.

Returnable, recyclable and reusable packing

Product recyclability 85%

CHAIR MAINTENANCE AND CLEANING GUIDE

LINES FOR A CORRECT CHAIR 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 alternativaly used.

PLASTIC PIECES

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

Do not use abrasive products in any case.

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.

LEGAL TERMS

CERTIFICATES

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

UNE EN 16139:2013 Office furniture. Task chairs for offices. Part 1: Dimensions. Defining the dimensions.
UNE EN 1022:2005 Office furniture. Task chairs for offices. Part 2: Security requirements.
UNE EN 1728:2013 Office furniture. Task chairs for offices. Part 3: Security testing methods.

Developed by JOSEP LLUSCÀ