



Forma 5

8100

TECHNICAL FEATURES



SWIVEL ARMCHAIR | LOW BACKREST



DIMENSIONS

Height	83 - 96 cm
Seat height	40 - 53 cm
Width	65 cm
Depth	64 cm
Weight	17 kg
Fabric meters	2,6 m

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

Dimensions in centimeters

SWIVEL ARMCHAIR | HIGH BACKREST



DIMENSIONS

Height	108 - 121 cm
Seat height	40 - 53 cm
Width	65 cm
Depth	69 cm
Weight	19 kg
Fabric meters	3 m

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

Dimensions in centimeters



DIMENSIONS

Height	86 cm
Seat height	49 cm
Width	65 cm
Depth	64 cm
Weight	18,5 kg
Fabric meters	2,6 m

SHELL

20 x 1,5 mm metal tube perimetral structure, which provides support to the flat springs. High density injected foam with outer pad sewed to the backrest. Totally upholstered.



Shell



MECHANISM

TILTING MECHANISM: Swivel-Tilt Mechanism to lean the backrest, always keeping a constant angle regarding the seat. Tilt angle up to 13,5° and fixation in the desired position. Leaning pressure adjustment. Height adjustment (gas lift) through a lever.



Mechanism

STRUCTURE [visitor chair]

CANTILEVER: 25 x 2,5 mm steel tube cantilever structure. Due to the structure, the chair has a cushion effect to provide a better comfort. Solid and light. With polyamide glides for a better transport. These glides are optional for carpets. Armrest flap included.



Cantilever visitor chair

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.



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 Atom synchro. This last one is Forma 5 exclusive and it self-adjusts to the user's weight



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.



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.



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.



ADJUSTABLE ARMS

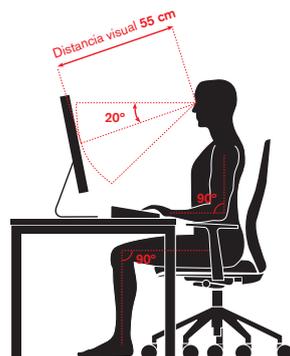
El apoyo de los brazos es fundamental para mantener una buena postura y no sobrecargar los brazos, además de servir para tomar asiento y levantarse del mismo.



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 user 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 eyestrain. For example, focusing on different places and distant objects.

CHAIR MAINTENANCE AND CLEANING GUIDE

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

FABRICS

- 1 Vacuum often
- 2 Rub th 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.

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.

PLASTIC PIECES

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

Do not use abrasive products in any case.



Life Cycle Analysis
TOUCH PROGRAM



RAW MATERIALS		
Raw Material	Kg	%
Steel	8 Kg	50%
Plastic	5,6 Kg	35%
Aluminium	1,76 Kg	11%
Uphols./Fulling	0,64 Kg	4%

% Recycled materials= 40%
% Recyclable materials= 96%

Ecodesign

Results reached during the life cycle stages



MATERIALS

Steel
15%-99% recycled material.

Aluminium
60% recycled material.

Plastic
30%-40% recycled material.

Staff material
Without HCFC and certified by Okotext.

Upholsteries
Without COV emissions 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 panels)

Energy saving measures

in all production process

COV global emission reduction

of the production processes by 70%.

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 provides a 2 year guarantee

and up to 10 years for big projects.

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.



END LIFE

Easy unpacking

for the recyclability or compound reuse.

Piece standardization

for the use.

Recycled materials used for products (% recyclability):

Steel is 100% recyclable.

Aluminium 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 96%

Developed by R&D Forma 5