



Forma 5

# Infor task program

## TECHNICAL FEATURES

Height adjustable task swivel chair, formed by a seat and an ergonomic seat. The backrest is available in 2 different heights. Both elements are upholstered.

The chair is available without arms, with trapezoidal fixed arms or with height adjustable arms.



# SWIVEL CHAIR | LOW BACKREST



## DIMENSIONS

Height	89 - 103 cm
Seat height	40 - 54 cm
Width (without / with arms)	47 / 57 cm
Depth	57 cm
Weight (withou / with arms)	11 / 17,5 kg
Fabric meters	0,7 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 CHAIR | HIGH BACKREST

## Backrest

Polypropylene outer shell  
Upholstered moulded high density polyurethane foam  
Optional height adjustable backrest

## Arm

Without arm  
Polyamide trapezoidal arm  
"T" adjustable arm

## Seat

Polypropylene outer shell  
Upholstered moulded high density polyurethane foam



## Mechanism

Permanent contact  
Synchro Atom

## Base

Polyamide straight  
Polished aluminium pyramidal

## Casters

50 / 65 mm double wheel  
50 / 65 mm soft double wheel

## DIMENSIONS

Height	95 - 109 cm
Seat height	40 - 54 cm
Width (without / with arms)	47 / 57 cm
Depth	57 cm
Weight (without / with arms)	12 / 18,5 kg
Fabric meters	0,85 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

## BACKREST

High or low backrest with rounded corners. Formed by a polypropylene structure, properly ribbed and reinforced with 3 mm average thick. Covered by 40 mm thick high density polyurethane foam and 25 kg/m<sup>3</sup>, moulded and later upholstered in the front, without wrinkles. With a convex curvature for a better comfort. With 3 mm thick polypropylene design shell in the back part of the shell and finish in the front to hide the structure.

## SEAT

Formed by injected polypropylene shell and textured in the outer part with 3 mm thick. This shell fits a wood particle recycled piece moulded with 14 mm average thick and to the 40 mm thick high density polyurethane foam, with 30 kg/m<sup>3</sup>, moulded with ergonomic shape and later upholstered.

## ARM

Ergonomic qualities for a better rest of the arms. The chairs can be delivered without arms, with trapezoidal polyamide arms or with "T" shape height adjustable arms that are only compatible with swivel chairs and they have a reed formed by chromed rounded steel tube, with built-in polyurethane armrest very elastic that gives it more comfort.

## MECHANISM [swivel chairs]

**GAS:** height adjustment by gas-lift.



**PERMANENT CONTACT:** permanent contact mechanism that allows the backrest leaning without modify the original position of the seat. 2 blocking position: vertical and completely reclined. Operable with a leveller placed in the shell of the seat.

Seat height adjustment by a leveller for an optimal adjustment of the user.

Backrest leaning adjustment until 20°.

Backrest leaning hardness adjustment, that is the force necessary to move it.



**SYNCHRO ATOM:** this mechanism combine the backrest turn movement in relation to the seat, placing its turn center above the seat surface, very close to the hip of the user and assuring this way a perfect accompaniment during the leaning movement. 5 backrest blocking positions.

Seat height adjustment by a leveller for an optimal adjustment of the user.

It adapts the hardness of the mechanism to the weight of the user automatically and assuring a perfect functioning in users between 45 and 110 kg.

The fixation of the backrest is activated by leveller: inwards it allows the movement and outwards it fixes the backrest.

## BASE

**STRAIGHT:** with polyamide straight lines flat shape. 35 cm outer spoke and 30 cm in the casters axis, made by 5 branches with rectangular section, star-shape with polyamide double black casters. 360° free turn, facilitating the movement of the chair in all directions.

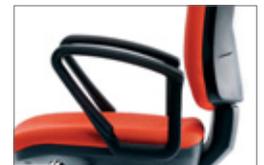
**POLISHED ALUMINIUM PYRAMIDAL:** 38 cm outer spoke and 32 cm casters axis with 5 branches with upper flat face forming a star that supports black double wheels. 360° free turn facilitating the movement of the chair in all directions.



High backrest



Adjustable "T" arm



Polyamide trapezoidal arm



Polyamide straight base



Polished aluminium pyramidal base

### FLOOR SUPPORT

Options for the polished aluminium pyramidal base:



50 mm double wheel casters



50 mm soft double wheel casters



65 mm double wheel casters



65 mm soft double wheel casters

### UPHOLSTERY

Seat available for all the fabrics range of Forma 5, including a wide range of fabrics (yarn, fireproof fabrics) and leathers.

Backrest available with mesh or all the range of Forma 5 fabrics. 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.

### PACKAGING

The chair is delivered completely assembled with plastic protection. Consult us.

# 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, IT IS NECESSARY TO HAVE GOOD FURNITURE AND USE IT CORRECTLY.



## SEAT HEIGHT REGULATION

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.



## 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

Leaning the arms is essential for keeping a good position, for not tensing the arms, and for seating and standing up.



## SEAT AND BACKREST LEANING MOVEMENT

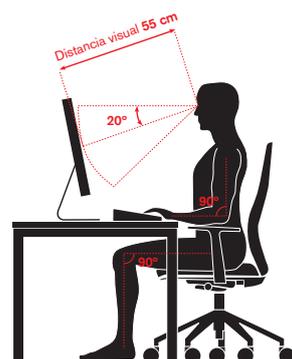
The chair should include a mechanism to control the seat leaning movement and keep a well-balanced position at work. The synchro system is the most extended one, but there are other versions which are more advanced, like the Atom synchro. This last one is Forma 5 exclusive and it self-adjusts to the user's weight.



## 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

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- 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

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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 cottom cloth.

## 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.



Life Cycle Analysis  
**Infor Task Program**



RAW MATERIALS		
Raw Material	Kg	%
Steel	7,124 Kg	52%
Plastic	5,069 Kg	37%
Aluminium	0,274 Kg	2 %
Wood	0,411 Kg	3 %
Uphols./Fulling	0,822 Kg	6 %

% Recycled materials= 33%  
 % Recyclable materials= 76%

## 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):

Wood is 100% recyclable.

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 76%

# LEGAL TERMS

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## CERTIFICATES

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

UN E-EN 1335-1-2001: Office furniture. Task chairs for offices. Part 1: Dimensions. Defining the dimensions.

UN E-EN 1335-2-2001: Office furniture. Task chairs for offices. Part 2: Security requirements.

UN E-EN 1335-3-2001: Office furniture. Task chairs for offices. Part 3: Security testing methods.

German regulation: DIN 4551

French regulation: NFD 61-041

Developed by R&D FORMA 5