



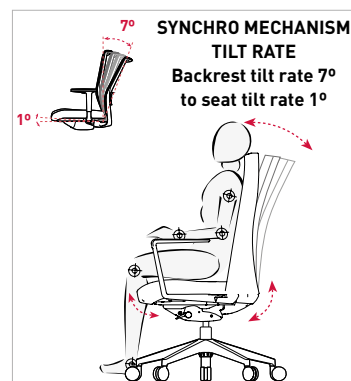
1 AUTO-WEIGHT SYNCHRO CONTROL

Synchro mechanism auto-weight control, it adapts automatically to the user weight.

In order to adjust and customize the tension to special user requirement there is a knob underneath of the seat **(A)**.



Tension Control Knob

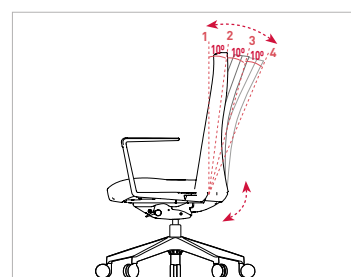


2 BACK TILT

CRON includes 4 back tilt positions offering tilt angles from 10° at the up-right blocked position up to 30° at the maximum angle, to adjust and select the tilt angle of the back just turn the end of the knob underneath of the seat **(B)**.



4 Back tilt positions control



3 SEAT SLIDE (TRASLA)

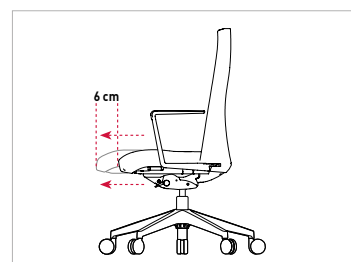
Ideal feature to adjust the distance between the seat and the back adapting the chair to different user anthropometrics.

Pull out the lever **(C)** and fix it back in **7 different positions**. The system includes an auto-return mechanism to return the seat to the back position when standing up while pulling the lever out.

(total sliding distance = 6 cm / Each position offers 10 mm adjustment)



Sliding seat lever



7 different positions. Depth adjustment with auto-return mechanism

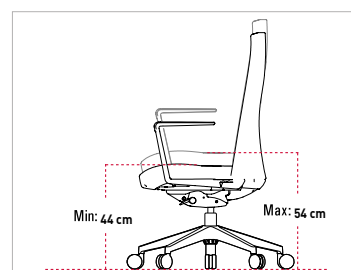
4 SEAT HEIGHT ADJUSTMENT

The seat height is adjusted using a gas-lift by lifting up the knob under the seat **(D)**

(Lowest seat height: 44 cm / Maximum seat height: 54 cm)



Gas lift



Backrest maximum and minimum height

5 AIR COMFORT SYSTEM

The seat has been designed with air chambers, to improve comfort, flexibility and the distribution of pressure for any user.

6 CASTORS AND CAPS

Soft band 65 mm anti-skid castors in black finish. **Optional Security castors** with auto-lockable system, avoiding the undesired chair move (when sitting the castors move normally but when stand up the castors auto-lock). **Black Polypropylene (PP) caps** with antiskid rubber.



Black castor



Weight control castors



Antistatic castors

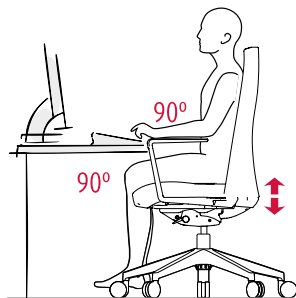


Black caps

1 A correct posture at work to avoid physical problems

Seat adjustment.

Forearms must be parallel to the desk top as in a right angle with the rest of the arm. Both feet must be lean on the floor and knees must be in right angle too.



2 Different ergonomics conditions and specific mobility for each task

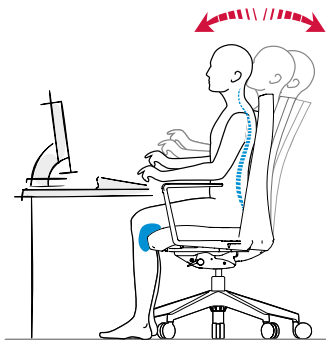
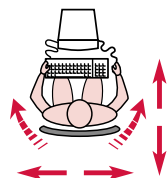
It is necessary to alternate daily dynamic and static tasks.

Dynamic tasks.

Document manipulation, communication and so on...

Select positions 2, 3 or 4 on the back tilt adjustment knob. the user action.

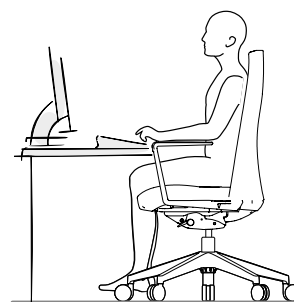
Dynamic tasks.



Static work

Document analysis and writing, intensive computer work...

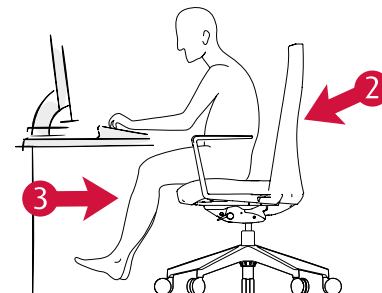
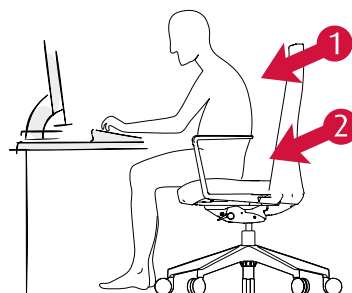
Select position 1 on the back tilt adjustment knob. Put the arms in the lowest position.



3 Incorrect Postures

Key points.

1. A lower position from the desk produces neck pain.
2. An incorrect back support produces lumbar problems.
3. Legs too stretched or too vended causes body joints over-stressed.



■ DESCRIPTION

Backrest moulded flexible foam PU flexible (40kg/m³) over steel metal frame Ø 6 x 1,5 mm thickness. Upholstered. **High backrest with headrest model.** **Auto-weight synchro control mechanism.** **Seat** with ACS technology (Air comfort system). With PU (polyurethane) flexible molded foam density of 40 kg/m³ black polypropylene with glass fibre (PP+20% G.F.) cover seat with injected foam upholstered with fabrics. **Height adjustable system by gas lift.** Depth seat adjustment (6 cm). Return spring system. 4 back tilt positions.

Model with fixed aluminium arms with black armrests injected in polypropylene. Operative office chair, 5 Star **base**; aluminium base and polyamide with glass fiber (FV). Anti-skid castors standard use (65 mm) or weight control use.

■ BASES AND CASTORS



Only for Sport model
Black Polyamide - Ø 67,5 cm
Black anti-skid castor,
Ø 65 mm soft band



White aluminium - Ø 67,5 cm
Black anti-skid castor,
Ø 65 mm black soft band



Black aluminium - Ø 67,5 cm
Black anti-skid castor,
Ø 65 mm black soft band



Silver aluminium - Ø 67,5 cm
Black anti-skid castor,
Ø 65 mm black soft band



Polished aluminium - Ø 67,5 cm
Black anti-skid castor,
Ø 65 mm black soft band

■ SIZES

Total height: from 1.290 to 1.370 mm

Total width: from 675 mm

Total depth: from 675 mm

Seat height: from 920 mm

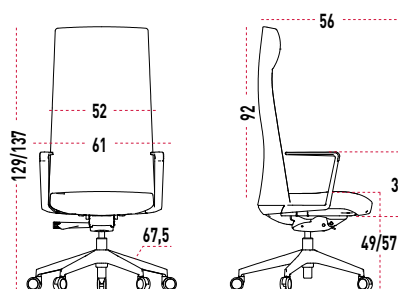
Seat width: from 520 mm

Seat depth: from 560 mm



- ① Injected foam seat and back rest upholstered in different finishes
- ② Injected foam Headrest, upholstered in different finishes
- ③ Gas lift
- ④ Auto-weight synchro control mechanism
- ⑤ Seat with technology ACS (Air comfort system).
- ⑥ Seat slide
- ⑦ 4 back tilt positions control
- ⑧ 5 star base. Moulded aluminium or polyamide base with glass fiber Anti-skid castors, hole weight control castor or standard castors.
- ⑨ The upholstery incorporates hot sealed markings on both surfaces of the back, which provides uniqueness and a new design

■ SIZES





MATERIALS

CRON has been designed to be manufactured with recycled materials, danger substances such as chrome, mercury or cadmium are not used in big quantity. Recyclables Aluminium and Steel 100%. Organic volatile Components. Packages manufactured with recycled carton. Ink thinner free.



PRODUCTION

Energy use is optimized during the production process. Minimum environmental impact. Last generation technological system in coating processes. Painting that have not been used is recovered to use it again. Zero COVs emissions and other contaminant gas. Close water circuit to clean the metals. Heat recovery. Automatic manufacture systems. Cut process is planned.



TRANSPORT

Optimum packaging to reduce space in transport and save energy.



USE

Long lasting use. Spare parts and replacements available. Easy to clean and maintenance.



DISPOSAL

Recyclable. Easy and quick to split **CRON** components. Packages are reuse by our supplier to avoid waste generation. Carton used in packages is recyclable.

CERTIFICATES AND REFERENCES

The different programmes get points in different environmental categories to get the LEED certificate (sustainability, material and resources, water, energy and atmosphere, inner environment quality, innovation and design).



The mark of
responsible forestry



PEFC Certificate



EN ISO 14006:2011
ECODESIGN Certificate



UNE-EN ISO 9001:2008
ISO 9001 Certificate



UNE-EN ISO 14001:2004
ISO 14001 Certificate



E1 by EN 13986
Certificate



ACTIU TECHNOLOGICAL PARK
project certified as LEED® GOLD
by U.S. Green Building Council 2011
Leadership in Energy & Environmental Design

DESCRIPTION

Backrest moulded flexible foam PU flexible (40kg/m³) over steel metal frame Ø 6 x 1,5 mm thickness.

Upholstered. **High backrest model. Auto-weight synchro control mechanism.** **Seat** with ACS technology (Air comfort system). With PU (polyurethane) flexible molded foam density of 40 kg/m³ black polypropylene with glass fibre (PP+20% G.F.) cover seat with injected foam upholstered with fabrics.

Height adjustable system by gas lift. Depth seat adjustment (6 cm). Return spring system. 4 back tilt positions.

Model with fixed aluminium arms with black armrests injected in polypropylene. Operative office chair, 5 Star **base**; aluminium base and polyamide with glass fiber (FV). Anti-skid castors standard use (65 mm) or weight control use.



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Silver aluminium - Ø 67,5 cm
Black anti-skid castor,
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Polished aluminium - Ø 67,5 cm
Black anti-skid castor,
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- ① Injected foam seat and back rest upholstered in different finishes
- ② Gas lift
- ③ Auto-weight synchro control mechanism
- ④ Seat slide
- ⑤ Seat with technology ACS (Air comfort system).
- ⑥ 4 back tilt positions control
- ⑦ 5 star base. Moulded aluminium or polyamide base with glass fiber Anti-skid castors, hole weight control castor or standard castors.
- ⑧ The upholstery incorporates hot sealed markings on both surfaces of the back, which provides uniqueness and a new design

SIZES

Total height: from 1.080 to 1.160 mm

Total width: from 675 mm

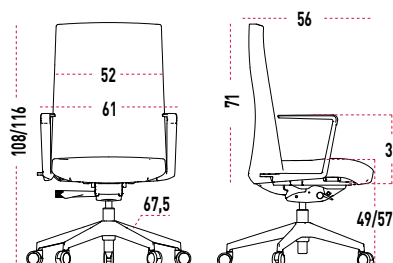
Total depth: from 675 mm

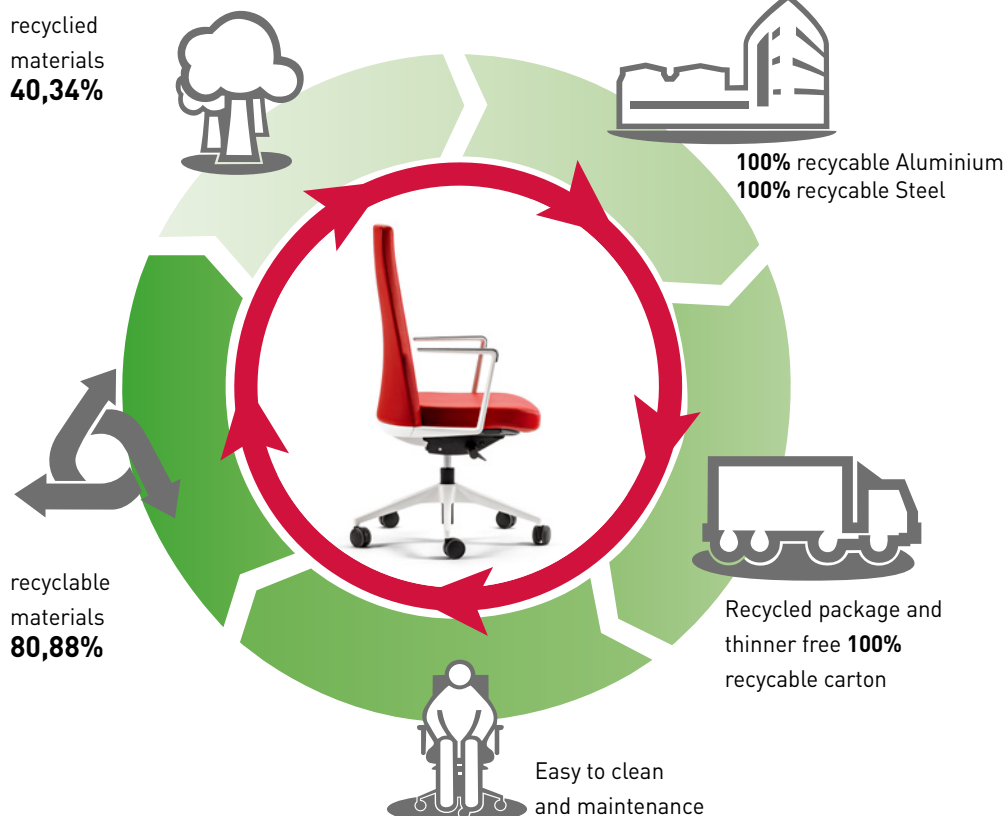
Seat height: from 710 mm

Seat width: from 520 mm

Seat depth: from 560 mm

SIZES





MATERIALS

CRON has been designed to be manufactured with recycled materials, danger substances such as chrome, mercury or cadmium are not used in big quantity. Recyclables Aluminium and Steel 100%. Organic volatile Components. Packages manufactured with recycled carton. Ink thinner free.



PRODUCTION

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DESCRIPTION

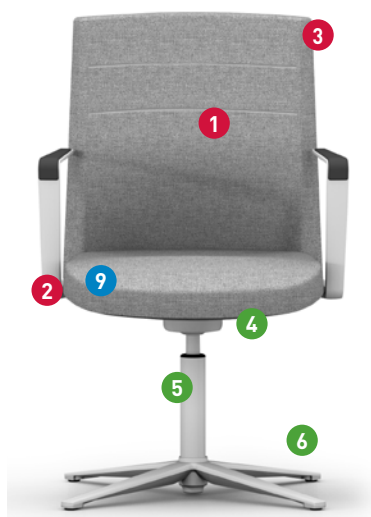
Backrest moulded flexible foam PU flexible (40kg/m³) over steel metal frame Ø 16 x 1,5 mm thickness. Upholstered. **Low backrest model.** Seat with ACS technology (air comfort system). With PU (polyurethane) flexible molded foam density of 40 kg/m³ black polypropylene with glass fibre (PP+20% G.F.) cover seat with injected foam upholstered with fabrics. Depth seat adjustment (60 mm). Return spring system. 4 back tilt positions.

Models with fixed aluminium arms with black armrests injected in polypropylene.

Two types of base:

- 1 Injected foam seat and back rest upholstered in different finishes
- 2 Seat slide
- 3 The upholstery incorporates hot sealed markings on both surfaces of the back, which provides uniqueness and a new design
- 4 Central support with Self-return system
- 5 Steel cylinder tube Ø 50 mm and 1,5 mm thickness, in different finishes
- 6 Base Ø 67,5 cm, with 4 cross supports, made of aluminized in different finishes. The support arms have antiskid pad.
- 7 Gas lift
- 8 Auto-weight synchro control mechanism
- 9 Seat with ACS technology (air comfort system)
- 10 4 back tilt positions control
- 11 5 star base. Moulded aluminium or polyamide base with glass fiber. Anti-skid castors, hole weight control castor or standard castors.

4 cross Support Model



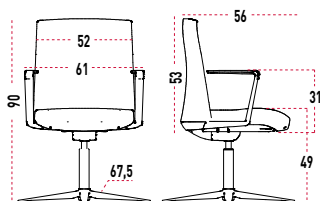
Swivel base Model



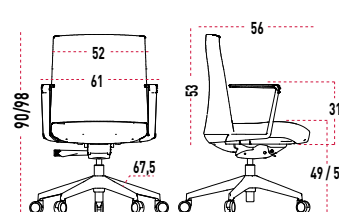
SIZES

Total height: from 900 mm
Total width: from 675 mm
Total depth: from 675 mm

Seat height: from 530 mm
Seat width: from 520 mm
Seat depth: from 560 mm



Total height: from 900 to 980 mm
Total width: from 675 mm
Total depth: from 675 mm
Seat height: from 530 mm
Seat width: from 520 mm
Seat depth: from 560 mm



BASES OPTION



Black Steel Cylinder Tube
4 cross supports base - Chrome finish
Ø 67,5 cm Antiskid pads



White Steel Cylinder Tube
4 cross supports base - White finish
Ø 67,5 cm Antiskid pads



Silver Steel Cylinder Tube
4 cross supports base - Silver finish
Ø 67,5 cm Antiskid pads



Black Steel Cylinder Tube
4 cross supports base - Black finish
Ø 67,5 cm Antiskid pads

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■ **ERGONOMICS**

CRON available for all type of users. Perfect for any need and keep user's posture in a natural way without any manual adjustment

■ **STANDARDS**

CRON has passed tests done in our technical department as well as the tests done in **AIDIMA** the Technological Institute for furniture.

The tests correspond to: Office chairs, Standard from 2009

- **UNE-EN 1335-1:01**. Office furniture. Office chair. **Part 1**: Dimensions. About dimensions

- **UNE-EN 1335-2:09**. Office furniture. Office chair. **Part 2**: Security requirements

- **UNE-EN 1335-2:09**. Office furniture. Office chair. **Part 3**: Security tests.

■ **ECOLOGY**

ENERGY SAVING

The new technological production system included, reduce the energy resources used to manufacture each component. Materials are very well used to avoid wastes.

RECYCLED AND RECYCABLE MATERIALS

ACTIU environmental policy opts to use recycled materials in those components where functionality and lasting is not a condition.

Materials used in **CRON** such as Aluminium or Steel are totally recyclable

■ **REMARKABLE VALUES**

1 – Legs covered with epoxy coating, bonding 2nd generation polymerized 200°C. Non-greasy treatments and nano-ceramics application to improve

2 – Anti-bacterial coating

3 – Coating 80-90 micron thickness (it could be different as per the project requirements)

This covering guarantees the finish and maintenance of metal structures.

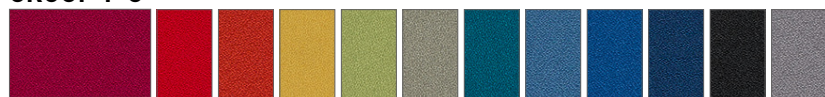
4 – Painting process:

Actiu painting plant has minimum environmental impact against the traditional industry processes.

Treatment is done by polarized coating and compacted with temperature. We get homogeneous and regular application with 98% of painting and the remaining 2% is used to produce other paints. Paints used are COVs free (Volatile Organic Components) which are very dangerous for the environment. All water used in the process is re-used, so we get zero dump. The process is free in heavy metal, phosphate, organic components and DQD (Biochemical demand of Oxygen). The program gives us an exact control of thickness, so it provides us with standard thickness (80-90 micron).

■ **BACK AND SEAT**

GROUP T-C



GROUP N



GROUP M - MELANGE



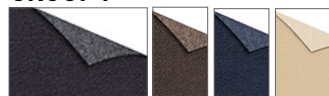
GROUP F - ATLANTIC



GROUP G - OMEGA 3D

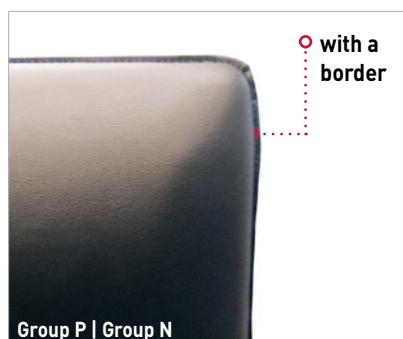


GROUP P

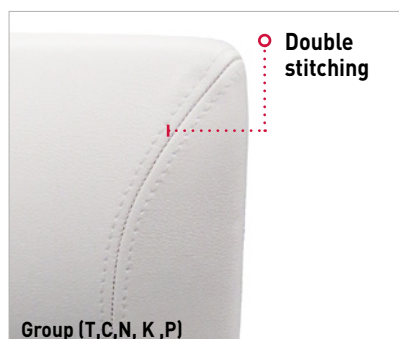


■ **BACKREST CRON**

SERIE CLASS



SERIE SPORT



SERIE SPORT

