

CRON

— By Alegre Design —



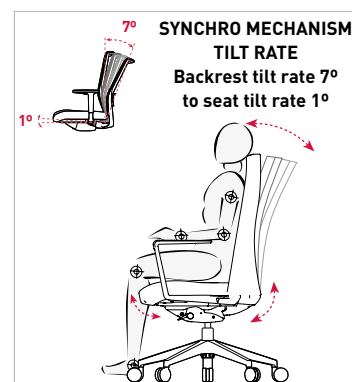
1 AUTO-WEIGHT SYNCHRO CONTROL

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

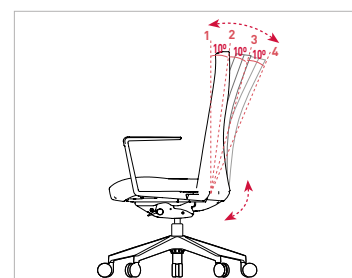


2 BACK TILT

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)

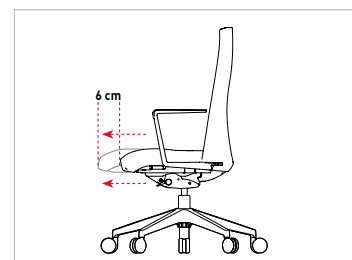
Ideal feature to adjust the distance between the seat and the back adapting the chair to different user anthropometrics.

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

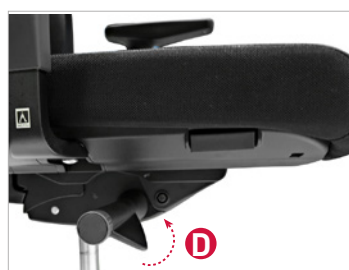


7 different positions. Depth adjustment with self-return mechanism

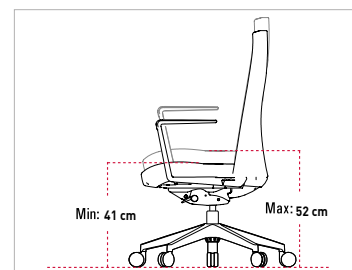
4 SEAT HEIGHT ADJUSTMENT

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

(Lowest seat height: 41 cm / Maximum seat height: 52 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

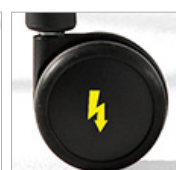
Soft band 65 mm anti-skid castors in black finish. **Optional Security castors** with auto-lockable system, avoiding the undesired chair move (when sitting the castors move normally but when stand up the castors auto-lock). **Black Polypropylene (PP) caps** with antiskid rubber.



Black castor



Weight control castors



Antistatic castors

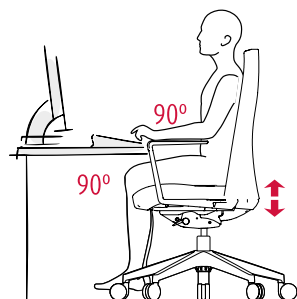


Black caps

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 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...

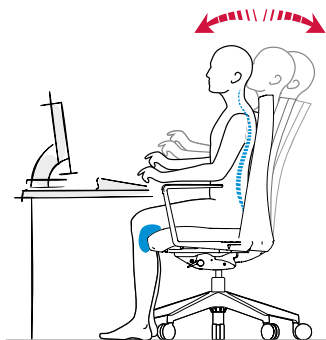
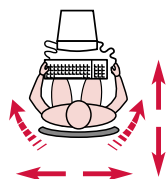
Select positions 2, 3 or 4 on the back tilt adjustment knob. the user action.

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.

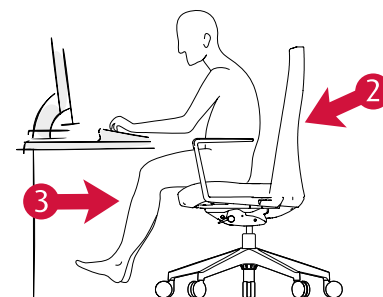
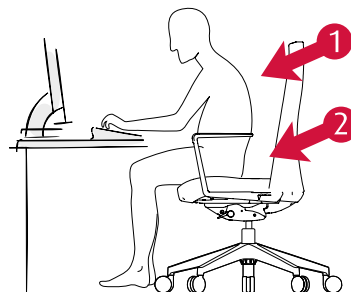
Dynamic tasks.



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.



3

DESCRIPTION

Backrest moulded flexible foam PU flexible (75-80kg/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 55-60 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 with a comfortable touch. 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 410 to 520 mm

Seat width: from 475 mm

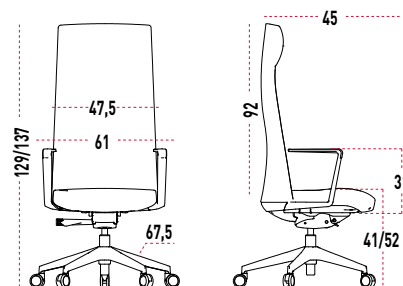
Seat depth: from 450 mm

*Measures according to UNE-EN 1335-1



- 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

Maximum use of materials to eliminate and minimize scraps. Use of recyclable and recycled materials in those components that do not affect the functionality and durability.

40,34%
RECYCLED
MATERIALS



PRODUCTION

Maximum optimization of energy use. Minimal environmental impact. Last generation technological systems. Zero discharge of wastewater. No VOC coatings. Processes free of heavy metals, phosphates, OC and COD.

100%
RECYCLABLE
ALUMINIUM, STEEL
& WOOD



TRANSPORT

Detachable systems. Volumes that facilitate the optimization of space. Maximum reduction of energy consumption by transport.

100%
RECYCLABLE
PACKAGE AND THINNER
FREE



USE

Quality and warranty. Long lasting. Replacements available.

EASY
TO CLEAN
AND MAINTAIN



DISPOSAL

Waste reduction. Supplier-manufacturer packaging reuse system. Components are easy to be separated. Inks in packaging are water-based, without solvents.

80,88%
RECYCLABLE
MATERIALS

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 Certificate
by EN 13986



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LEED® Gold certified 2011 - LEED® Platinum certified 2017

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

DESCRIPTION

Backrest moulded flexible foam PU flexible (75-80kg/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 55-60 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 with a comfortable touch. 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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SIZES

Total height: from 1.080 to 1.160 mm

Total width: from 675 mm

Total depth: from 675 mm

Seat height: from 410 to 520 mm

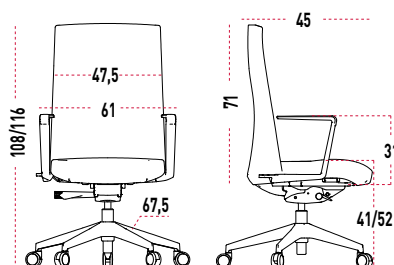
Seat width: from 475 mm

Seat depth: from 450 mm



- 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



*Measures according to UNE-EN 1335-1



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DESCRIPTION

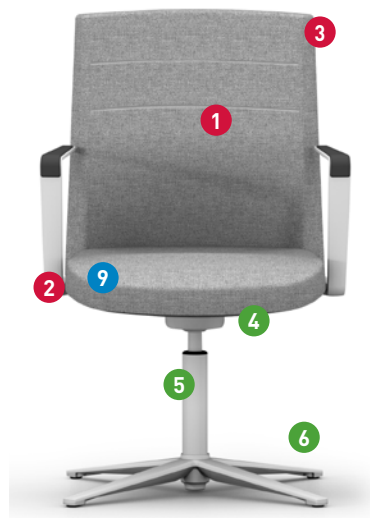
Backrest moulded flexible foam PU flexible (75-80kg/m³) over steel metal frame Ø 16 x 1,5 mm thickness. Upholstered. **Low backrest model.** **Seat** with ACS technology (air comfort system). With PU (polyurethane) flexible molded foam density of 55-60 kg/m³ black polypropylene with glass fibre (PP+20% G.F.) cover seat with injected foam upholstered with fabrics. Depth seat adjustment (60 mm). Return spring system. 4 back tilt positions.

Model with fixed aluminium arms with black armrests injected in polypropylene with a comfortable touch.

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



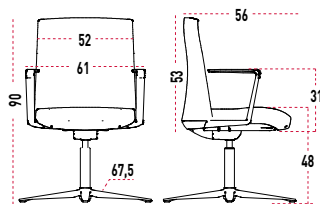
Swivel base Model



SIZES

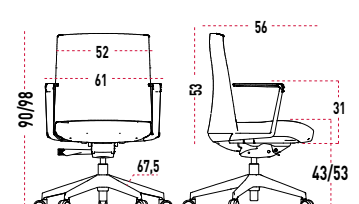
Total height: from 900 mm
Total width: from 675 mm
Total depth: from 675 mm

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 430 to 530 mm
Seat width: from 520 mm
Seat depth: from 560 mm



6 BASES OPTION



Black Steel Cylinder Tube
4 cross supports base - Polished 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

10 BASES AND CASTORS



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■ BACK AND SEAT

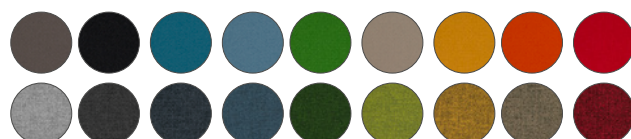
Fabric T - Newport



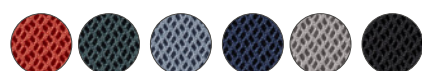
Fabric D - Felicity



Fabric M - Melang & Step



Fabric R - Rhythm



Fabric A - Synergy

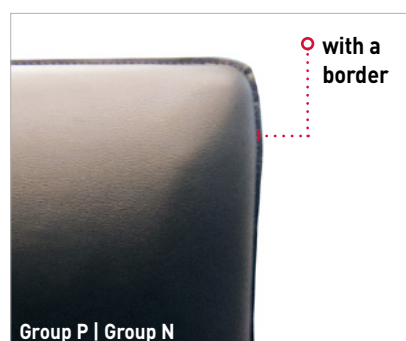


Fabric P - Savana

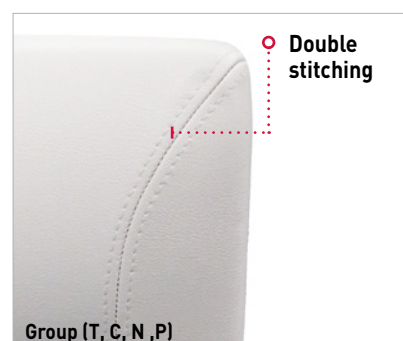


■ BACKREST CRON

SERIE CLASS



SERIE SPORT



SERIE SPORT

