

# CRON

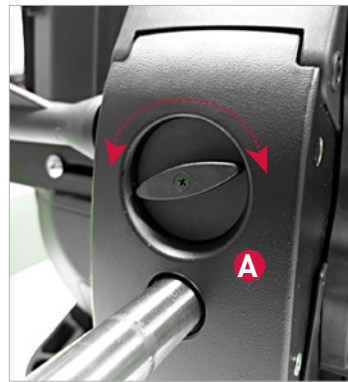
— By Alegre Design —



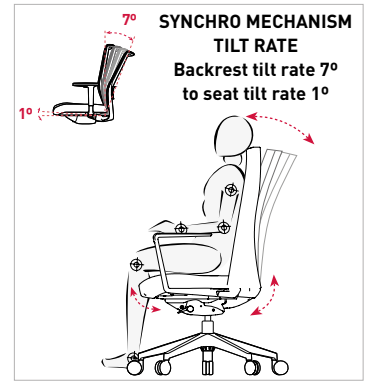
### 1 AUTO-WEIGHT SYNCHRO CONTROL

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)**.

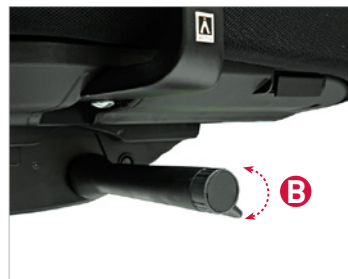


Tension Control Knob

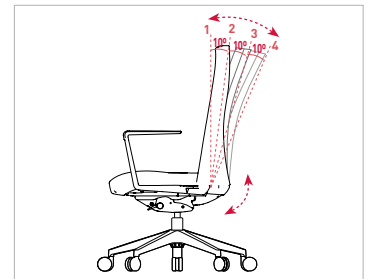


### 2 BACK TILT

**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)

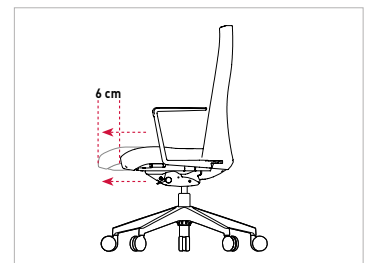
Ideal feature to adjust the distance between the seat and the back adapting the chair to different user anthropometrics.

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

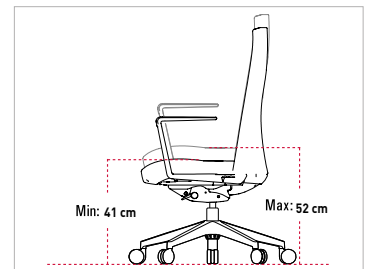
### 4 SEAT HEIGHT ADJUSTMENT

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

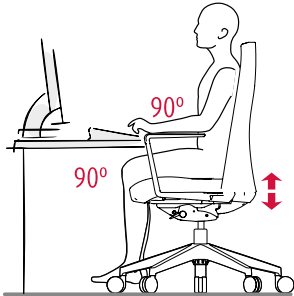
Antistatic castors

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

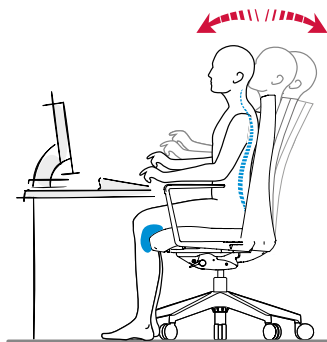
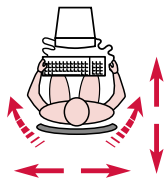
It is necessary to alternate daily dynamic and static tasks.

**Dynamic tasks.**

Document manipulation, communication and so on...

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

**Dynamic tasks.**



**Static work**

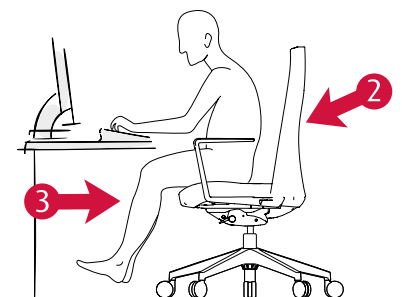
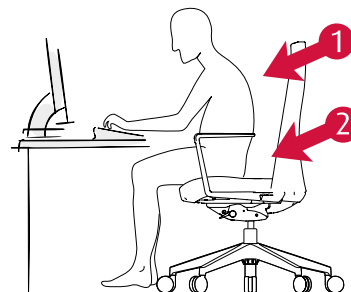
Document analysis and writing, intensive computer work...

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 (75-80kg/m<sup>3</sup>) 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/m<sup>3</sup> 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

- 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**

Total height: from 1.290 to 1.370 mm

Total width: from 675 mm

Total depth: from 675 mm

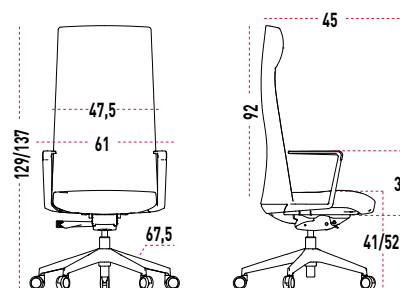
Seat height: from 410 to 520 mm

Seat width: from 475 mm

Seat depth: from 450 mm

\*Measures according to UNE-EN 1335-1

■ **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).



■ **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/m<sup>3</sup>) 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/m<sup>3</sup> 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**



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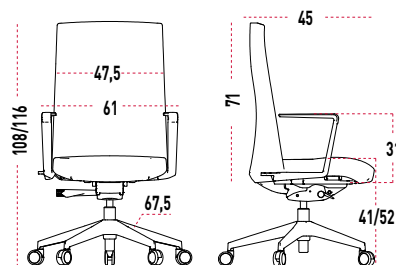
Polished aluminium - Ø 67,5 cm  
Black anti-skid castor,  
Ø 65 mm black soft band

- 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 410 to 520 mm  
Seat width: from 475 mm  
Seat depth: from 450 mm

■ **SIZES**



\*Measures according to UNE-EN 1335-1



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**DESCRIPTION**

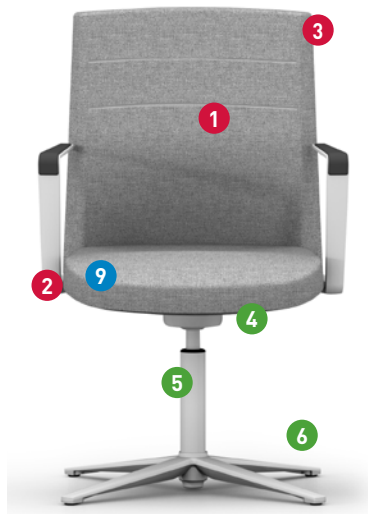
**Backrest** moulded flexible foam PU flexible (75-80kg/m<sup>3</sup>) over steel metal frame Ø 16 x 1,5 mm thickness. Upholstered. **Low backrest model.** **Seat** with ACS technology (air comfort system). With PU (polyurethane) flexible molded foam density of 55-60 kg/m<sup>3</sup> black polypropylene 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**

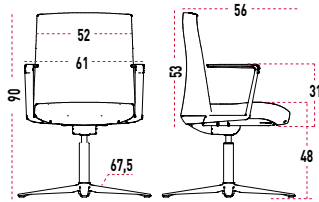


**Swivel base Model**

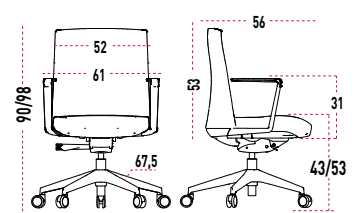


**SIZES**

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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 Black anti-skid castor,  
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 Ø 65 mm black soft band



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 Black anti-skid castor,  
 Ø 65 mm black soft band





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The image displays a series of certification logos from left to right: FSC (The mark of responsible forestry), PEFC (PEFC Certificate), ECODESIGN (EN ISO 14006:2011 ECODESIGN Certificate), AENOR (UNE-EN ISO 9001:2008 ISO 9001 Certificate), AENOR (UNE-EN ISO 14001:2004 ISO 14001 Certificate), E1 (E1 Certificate by EN 13986), and U.S. Green Building Council (LEED PLATINUM certified by USGBC).

**STANDARDS**

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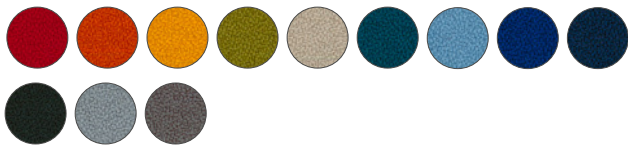
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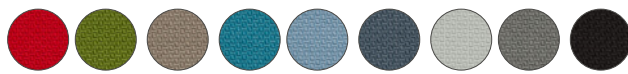
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■ **BACK AND SEAT**

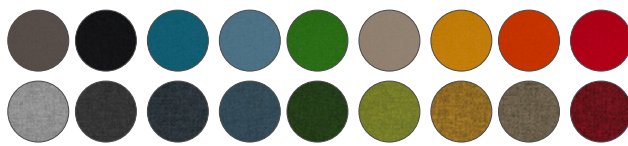
Fabric T - Newport



Fabric D - Felicity



Fabric M - Melang & Step



Fabric A - Synergy



Fabric N - Portus B



Fabric P - Savana

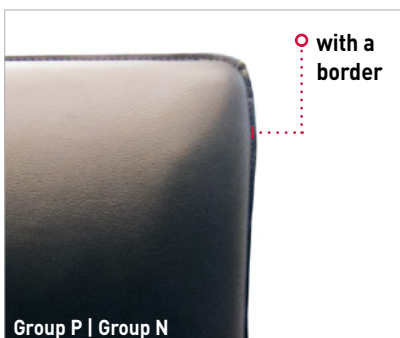


Fabric V - Valencia

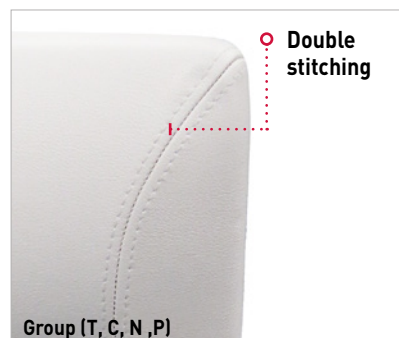


■ **BACKREST CRON**

**SERIE CLASS**



**SERIE SPORT**



**SERIE SPORT**

