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).

2 **BACK TILT**

CRON includes 4 back tilt positions offering tilt angles from 10º at the up-right blocked position up to 30º 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).

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)

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)

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.
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.

[Diagram of correct posture]

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.

[Diagram of 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.

[Diagram of static work]

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.

[Diagram of incorrect postures]
**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.

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**BASES AND CASTORS**

**Only for Sport model**
- Black Polyamide - Ø 67,5 cm
- Black anti-skid castor,
  Ø 65 mm black 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
**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.

**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.

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

**USE**
Quality and warranty. Long lasting. Replacements available.

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

**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:

**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 fibre (F.V). 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 black 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 1.080 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

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*Measures according to UNE-EN 1335-1*
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.

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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
**DESCRIPTION**

**Backrest** moulded flexible foam PU flexible (75-80 kg/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 anti-skid 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.

**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

**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

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

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

Group P | Group N

**SERIE SPORT**

Group (T, C, N, P)

**SERIE SPORT**

Group (M, F, G)