# STAY

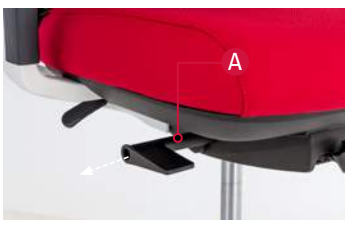
— By Alegre Design —

## 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

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



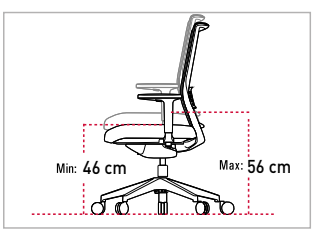
4 Back tilt positions control

## 2 AIRFLOW COMFORT SYSTEM

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

## 3 SEAT HEIGHT ADJUSTMENT

The seat height is adjusted using a gas-lift by lifting up the knob under the seat **(D)**. (Lowest seat height: 46 cm/Maximum seat height: 56 cm)



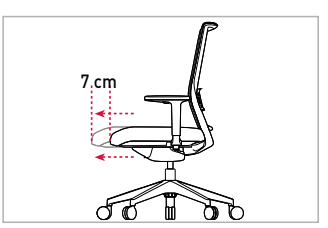
Backrest máximum and mínimum height

Gas lift - Syncro Model


Gas lift - Gas lift Model

## 4 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 = 7 cm / Each position offers 10 mm adjustment)



5 different positions. Depth adjustment with auto-return mechanism

Sliding seat lever

## 5 LUMBAR ADJUSTMENT

**STAY** offers a **lumbar height adjustment system (E)** manufactured with a flexible and adaptable material with an adjustment range of 5 cm. A combination of use of mesh materials and lumbar adjustment provides a fully adaptable solution strengthening the support on those points where the tension is higher.

The lumbar backs made of polypropylene are offered in a standard way finished the same as frame of the back of the chair.

## 7 OPTIONAL HEAD-REST

Available a Head-rest for **Stay** model. (25,5 x 16,5 cm).
Polypropylene (PP) frame +35% fiber glass (White or black), technical mesh upholstered or TEX upholstered. Polypropylene(PP) fixing and adjustable piece. **5 Different positions. Maximum Height adjustment 2'' 3/8.** Tilt mechanism.

Technical mesh upholstered

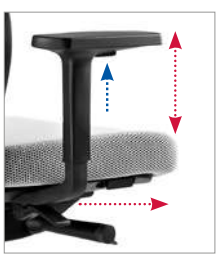
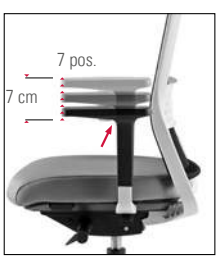
### FINITIONS

White Black

## 8 ADJUSTABLE ARM-REST

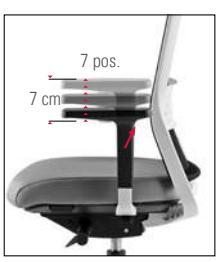
**STAY** offers 2 arm options: aluminium or polyamide arms.
**Height adjustment:** adjustable using the knob under the arm-rest **(F)**, it offers 7 height positions.
**Distance between arms:** Manual width adjustment using the level under the seat **(G)**, each arm range adjustment is 3 cm, so maximum total width is 6 cm.
**360º Swivel arm system (Anti-panic): Only available with the aluminium arm option,** 360º Swivel arm movement allowing horizontal rotation of arm rests.

### POLYAMIDE ARM

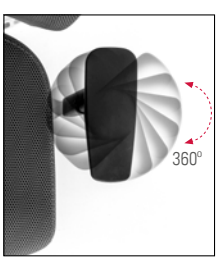




Polyamide arms. Manual width adjustment

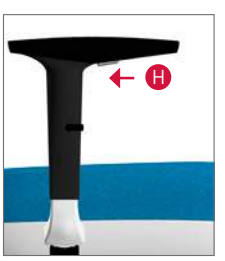
### ALUMINIUM ARM



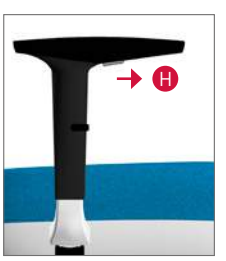

Height adjustable arm



360º Swivel arm movement



**LOCKED**
- without movement
(Only in positions 0º and 180º)



**UNLOCKED**
- with movement

## 9 CASTORS AND CASTS

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

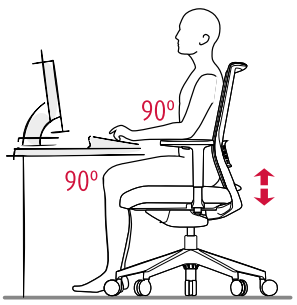

Black caps

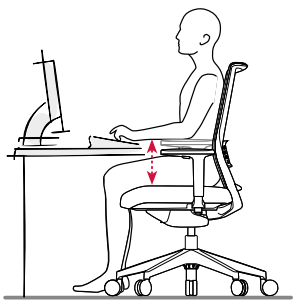
## 1 A correct posture at work to avoid physical problems

**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.

**Lumbar Support Adjustment**
Adjust the Lumbar support height to get the back totally rested and the weight totally supported.

**Adjustable arms (7 positions)**
Place the chair arms in the lower position to get better mobility. For statics works, adjust height and distance to that point where the forearms perfectly lean.



## 2 Different ergonomics conditions and specific mobility for each task

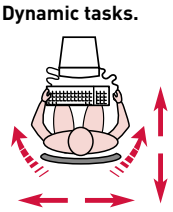
It is necessary to alternate daily dynamic and static tasks.

**Dynamic tasks.**
Document manipulation, communication and so on...Select positions 2 ,3 or 4 on the back tilt adjustment knob. Put the arms in the lowest position.

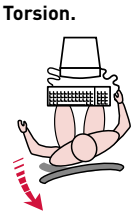
**Torsion.**
Flexible back whose movements go naturally with the user action.

**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.**



**Torsion.**



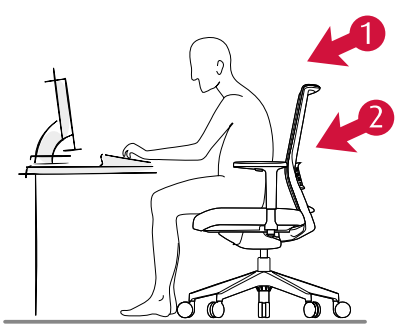
## 3 Incorrect Postures

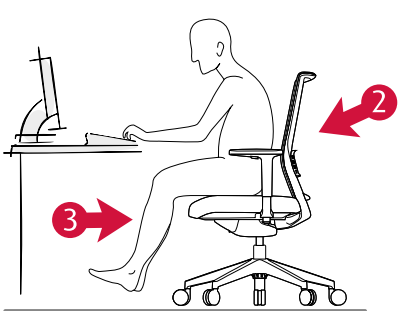
**Key points.**

**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.

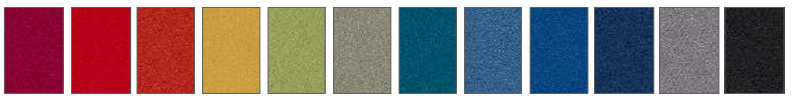


## TEX BACKREST

**BACKREST AND SEAT**

GROUP T

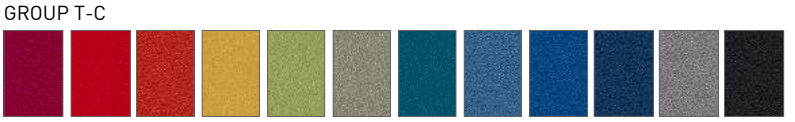


GROUP M - MELANGE

## TECHNICAL MESH BACKREST

**SEAT**

GROUP T-C

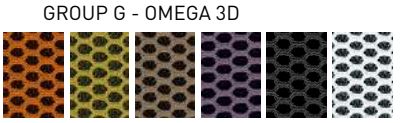


GROUP M - MELANGE

GROUP F - ATLANTIC

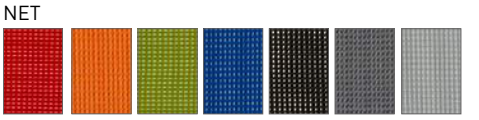
GROUP H - HARLEQUIN

GROUP G - OMEGA 3D



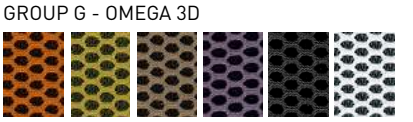
**BACK**

NET

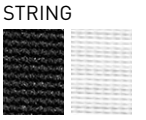


GROUP H - HARLEQUIN

GROUP G - OMEGA 3D



STRING



Black White

## DESCRIPTION

Operative office chair, 5 Star base; aluminium base and polyamide with glass fiver (FV). Anti-skid castors standard use (65 mm) or weight control use.

**Backrest** PP with glass fibre (PP + 30% G.F.) frame.
Uphosltered with foamized fabric composed of polyurethane foam 5mm + fabric "T".

**The seat** has been designed with air chambers, to improve comfort, flexibility and the distribution of pressure for any user. **Seat** with PU (polyurethane) flexible molded foam density of **40 - 45 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 (70 mm). Return spring system.


## BACK

**(SEE FINISHES AND FABRIC CARD LAST PAGE)**

## SEAT

**(SEE FINISHES AND FABRIC CARD LAST PAGE)**

## BASES AND CASTORS

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

White 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

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

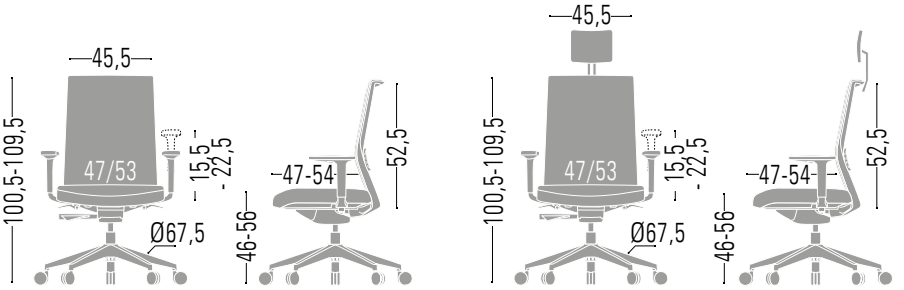
1. Polypropylene frame manufactured with glass fiber (PP + 30% G.F.)
2. Moulded Flexible foam back rest.
3. Adjustable lumbar support
4. **WITH PIVOTING ARM 360º:**
   **A. SEBS** of 3 mm, **B. ABS** of 3 mm,
   **C.** Height adjustment, **D.** Component by solid aluminium 20 x 30 mm thickness

   **WITHOUT PIVOTING ARM 360º:**
   **A. SEBS** of 3 mm, **B. ABS** of 3 mm,
   **C.** Height adjustment, **D.** Component by Polyamide with glass fiber
5. Seat with **ACS technology (airflow comfort system).** Injected foam seat upholstered in different finishes
6. Gast lift
7. Auto-weight synchro control mechanism
8. Seat slide (Trasla)
9. 4 back tilt positions control
10. 5 star base. Moulded aluminium or polyamide base with glass fiber
11. Anti-skid castors, hole weight control castor or standard castors

## SIZES

**Total height:** from 1.005 mm to 1.095 mm
**Total width:** from 675 mm to 690 mm
**Total depth:** from 675 mm

**Seat height:** from 460 mm to 560 mm
**Seat width:** from 470 mm to 530 mm
**Seat depth:** from 470 mm to 540 mm



## DESCRIPTION

Operative office chair, 5 Star base; aluminium base and polyamide with glass fiver (FV). Anti-skid castors standard use (65 mm) or weight control use.

**Backrest**, PP with glass fibre (PP+30% G.F.) frame, elastic technical mesh. Breathable. Moulded polypropylene.

**The seat** has been designed with air chambers, to improve comfort, flexibility and the distribution of pressure for any user. **Seat** with PU (polyurethane) flexible molded foam density of **40 - 45 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 (70 mm). Return spring system.

## BACK

**(SEE FINISHES AND FABRIC CARD LAST PAGE)**

## SEAT

**(SEE FINISHES AND FABRIC CARD LAST PAGE)**

## BASES AND CASTORS

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

White 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

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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**Total height:** from 1.005 mm to 1.095 mm
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**Seat width:** from 470 mm to 530 mm
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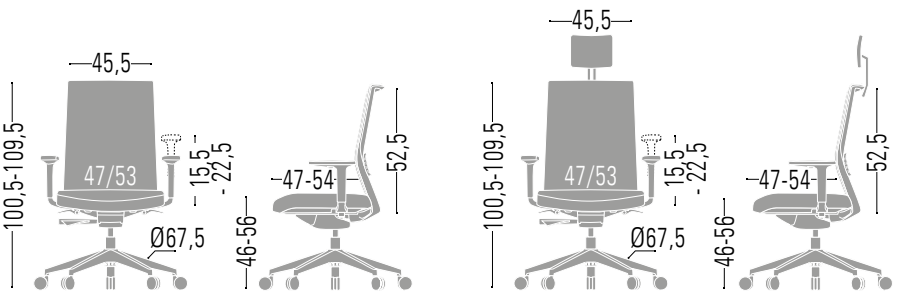
1. Polypropylene frame manufactured with glass fiber (PP + 30% G.F.)
2. Back rest, technical and ergonomic fabric
3. Adjustable lumbar support
4. **WITH PIVOTING ARM 360º:**
   **A. SEBS** of 3 mm, **B. ABS** of 3 mm,
   **C.** Height adjustment, **D.** Component by solid aluminium 20 x 30 mm thickness

   **WITHOUT PIVOTING ARM 360º:**
   **A. SEBS** of 3 mm, **B. ABS** of 3 mm,
   **C.** Height adjustment, **D.** Component by Polyamide with glass fiber
5. Seat with **ACS technology (airflow comfort system).** Injected foam seat upholstered in different finishes
6. Gast lift
7. Auto-weight synchro control mechanism
8. Seat slide (Trasla)
9. 4 back tilt positions control
10. 5 star base. Moulded aluminium or polyamide base with glass fiber
11. Anti-skid castors, hole weight control castor or standard castors



**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.

**52,56%**
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.

**92,85%**
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).

FSC www.fsc.org FSC® C106678
The mark of responsable forestry

PEFC
PEFC/04-31-0782
PEFC Certificate

AENOR Ecodiseño ED-0011/2010
EN ISO 14006:2011
ECODESIGN Certificate

AENOR ER Empresa Registrada ER-0597/2001 — CERTIFIED IQNet QUALITY SYSTEM
UNE-EN ISO 9001:2008
ISO 9001 Certificate

AENOR Gestión Ambiental GA-2003/0202 — CERTIFIED IQNet MANAGEMENT SYSTEM
UNE-EN ISO 14001:2004
ISO 14001 Certificate

E1 EN 13986 — ACTIU PRODUCE Y UTILIZA TABLEROS CLASE E1 STANDARD - NORMA EURO PEA
E1 Certificate by EN 13986

U.S. GREEN BUILDING COUNCIL LEED GOLD USGBC
**PARQUE TECNOLÓGICO ACTIU**
proyecto certificado LEED® GOLD por el U.S. Green Building Council en 2011
Leadership in Energy & Environmental Design

**STAY** 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 1331-1:01.** 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.