

# STAY

— By Alegre Design —



**1 SYNCHRO MECHANISM**

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

**STAY** 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)**.



Tension Control Knob



4 Back tilt positions control

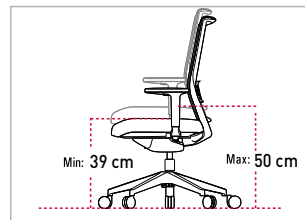
**2 AIRFLOW COMFORT SYSTEM**

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: 39 cm/Maximum seat height: 50 cm)



Backrest maximum and minimum height



Gas lift - Syncro Model



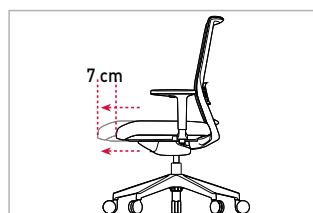
Gas lift - Gas lift Model

**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)



7 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

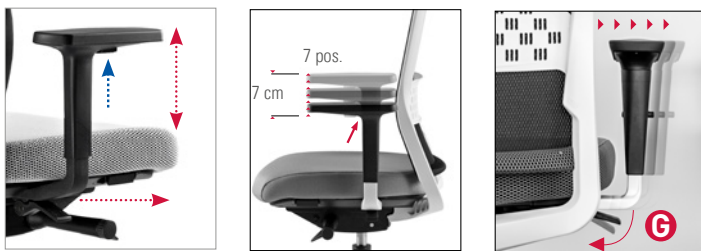
**STAY** offers 2 arm options: aluminium or polypropylene arms.

**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.

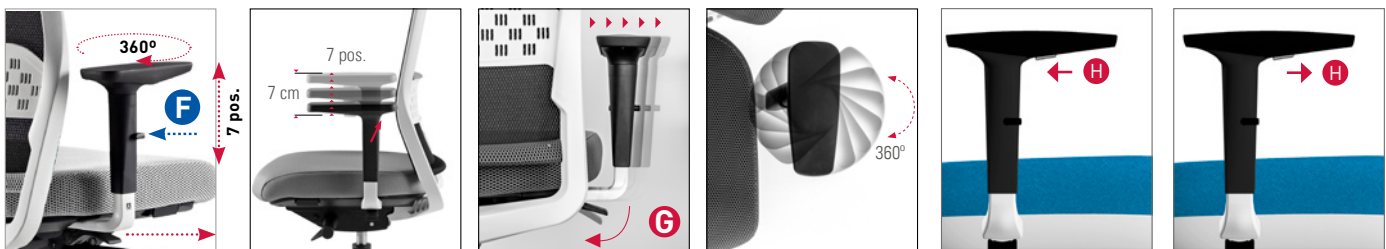
**360° Swivel arm system (Anti-panic): Only available with the aluminium arm option, 360° Swivel arm movement allowing horizontal rotation of arm rests.**

**POLYPROPYLENE ARM**



Polypropylene arms. Manual width adjustment

**ALUMINIUM AND POLYPROPYLENE ARM**



Height adjustable arm

360° Swivel arm movement

**LOCKED**

- without movement  
(Only in positions 0° and 180°)

**UNLOCKED**

- with movement

**9** 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 auto-lock). **Black Polypropylene (PP) caps** with antiskid rubber.



Black castor

Weight control castors

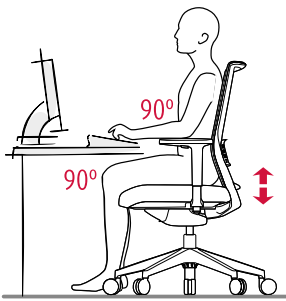
Antistatic castors

Black caps

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

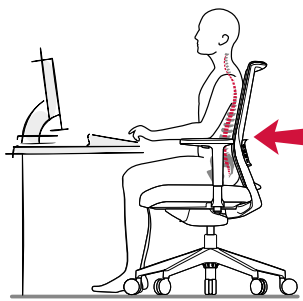
**Seat adjustment.**

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.



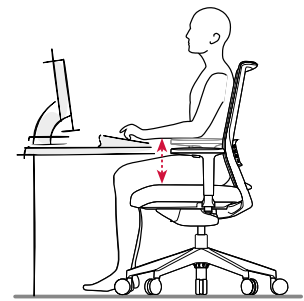
**Lumbar Support Adjustment**

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.

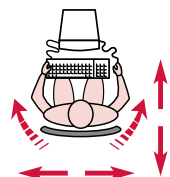
**Dynamic tasks.**

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.

**Dynamic tasks.**



**Torsion.**



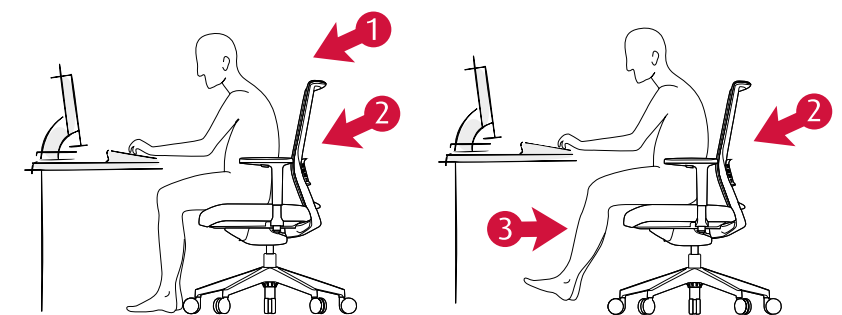
**Static work**

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.**

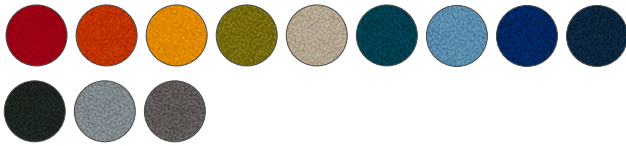
1. A lower position from the desk produces neck pain.
2. An incorrect back support produces lumbar problems.
3. Legs too stretched or too vended causes body joints over-stressed.



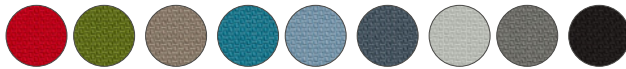
## TEX BACKREST

### ■ BACKREST AND SEAT

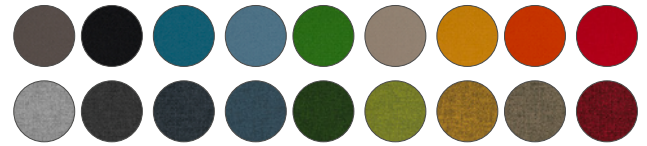
Fabric T - Phoenix



Fabric D - Felicity



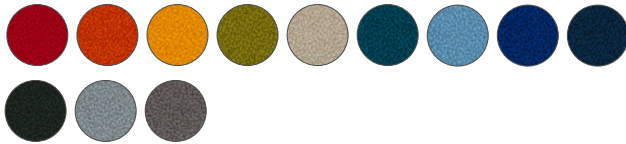
Fabric M - Melang & Step



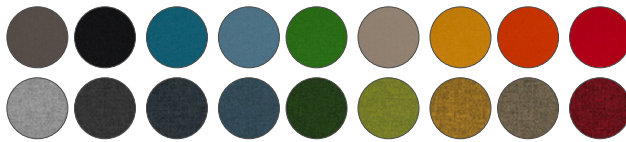
## TECHNICAL MESH BACK REST

### ■ SEAT

Fabric T - Phoenix



Fabric M - Melang & Step

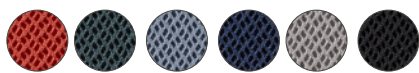


Fabric H - Harlequin



### ■ BACK

Fabric R - Rhythm



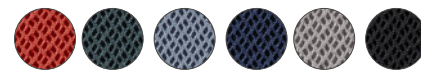
Fabric String



Fabric A - Synergy



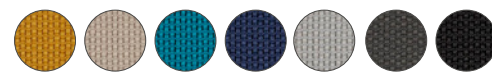
Fabric R - Rhythm



Fabric D - Felicity



Fabric Q - Spin



Fabric H - Harlequin



■ **DESCRIPTION**

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.

**Backrest** PP with glass fibre (PP + 30% G.F.) frame.

Upholstered 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 **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 (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

■ **SIZES**

**Total height:** from 940 mm to 1.050 mm

**Total width:** from 675 mm to 690 mm

**Total depth:** from 675 mm

**Seat height:** from 390 mm to 500 mm

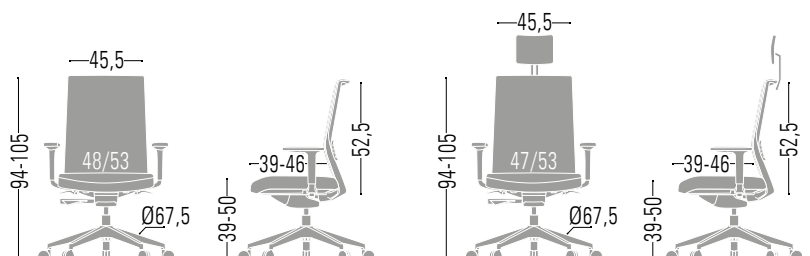
**Seat width:** from 480 mm to 530 mm

**Seat depth:** from 390 mm to 460 mm

\*Measures according to UNE-EN 1335-1



- 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 360°:**  
A. SEBS of 3 mm, B. ABS of 3 mm, C. Height adjustment,  
D. Component by solid aluminium 20 x 30 mm thickness or PP +30% F.V.
- WITHOUT PIVOTING ARM 360°:**  
A. SEBS of 3 mm, B. ABS of 3 mm,  
C. Height adjustment, D. Component by Polypropylene with glass fiber
- ⑤ Seat with ACS technology (airflow comfort system). Injected foam seat upholstered in different finishes
- ⑥ Gas lift
- ⑦ Synchro 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



■ **DESCRIPTION**

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.

**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 **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 (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

■ **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 390 mm to 500 mm

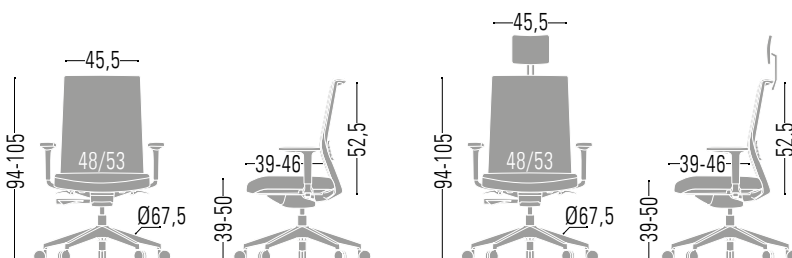
**Seat width:** from 480 mm to 530 mm

**Seat depth:** from 390 mm to 460 mm

\*Measures according to UNE-EN 1335-1



- 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 360°:**  
**A. SEBS** of 3 mm, **B. ABS** of 3 mm, **C.** Height adjustment,  
**D.** Component by solid aluminium 20 x 30 mm thickness or PP +30% F.V.
- WITHOUT PIVOTING ARM 360°:**  
**A. SEBS** of 3 mm, **B. ABS** of 3 mm,  
**C.** Height adjustment, **D.** Component by Polypropylene with glass fiber
- ⑤ Seat with **ACS technology (airflow comfort system)**. Injected foam seat upholstered in different finishes
- ⑥ Gas lift
- ⑦ Synchro 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).

|   |  |  |  |  |
|---|--|--|--|--|
| <br>The mark of<br>responsible forestry | <br>EN ISO 14006:2011<br><b>ECODESIGN Certificate</b> | <br>UNE-EN ISO 9001:2008<br><b>ISO 9001 Certificate</b> | <br>UNE-EN ISO 14001:2004<br><b>ISO 14001 Certificate</b> | <br><b>ACTIU TECHNOLOGY PARK</b><br>LEED® PLATINUM certified by USGBC<br>Leadership in Energy & Environmental Design<br><small>LEED® Gold certified 2011 - LEED® Platinum certified 2017</small> |
|---|--|--|--|--|

**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 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.