

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 7° at the up-right blocked position up to 21° 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

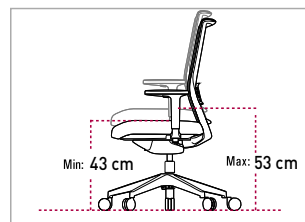
2 AIRFLOW COMFORT SYSTEM

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: 43 cm/Maximum seat height: 53 cm)



Backrest maximum and minimum height



Gas lift - Syncro Model



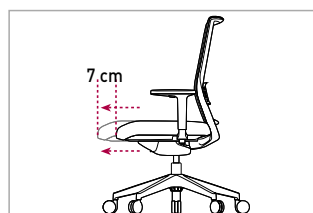
Gas lift - Gas lift Model

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 **8 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)



8 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 4 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. (26 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.

6Different 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.

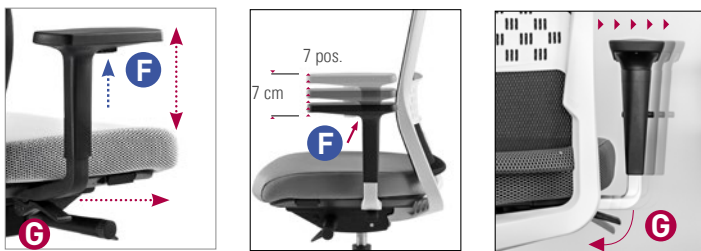
Height adjustment: adjustable using the knob under the arm-rest (**F**), it offers 7 height positions.

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.

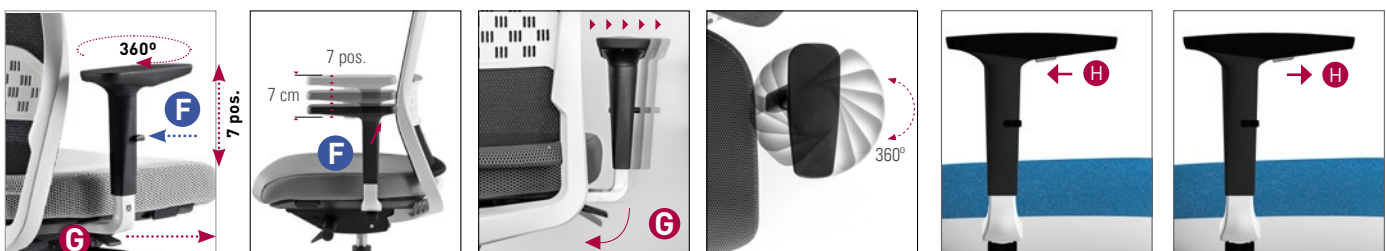
Anti-panic trigger incorporated in aluminium arms (**H**)

POLYPROPYLENE ARM



Polypropylene arms. Manual width adjustment

ALUMINIUM AND POLYPROPYLENE ARM



Height adjustable arm

360° Swivel arm movement

LOCKED
- without movement

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

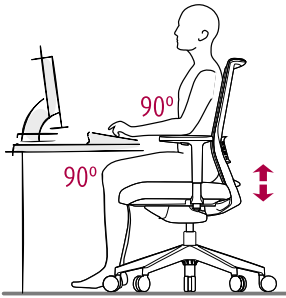
Antistatic castors

Black caps

1 A correct posture at work to avoid physical problems

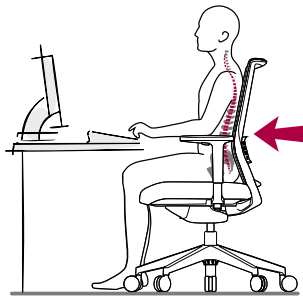
Seat adjustment.

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.



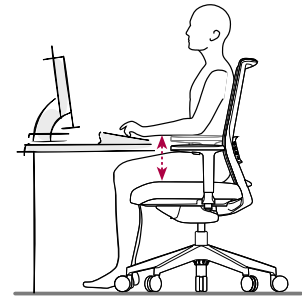
Lumbar Support Adjustment

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.

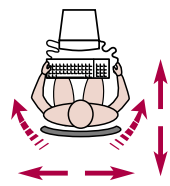
Dynamic tasks.

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.



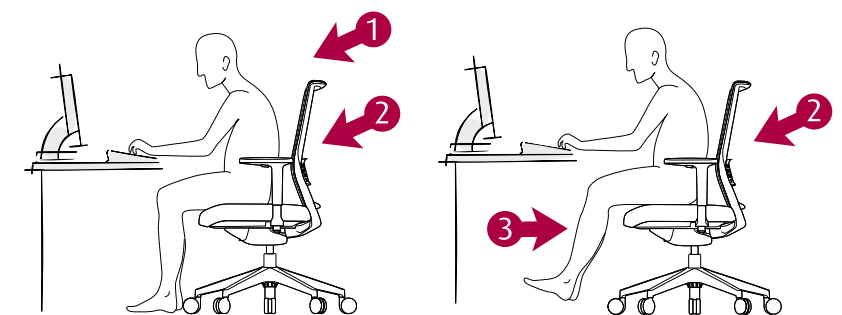
Torsion.



3 Incorrect Postures

Key points.

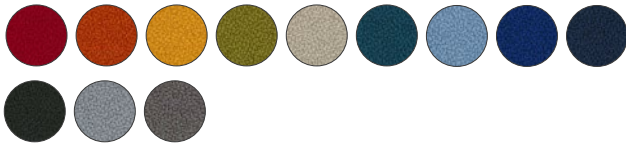
1. A lower position from the desk produces neck pain.
2. An incorrect back support produces lumbar problems.
3. Legs too stretched or too vended causes body joints over-stressed.



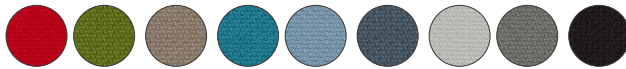
TEX BACKREST

■ **BACKREST AND SEAT**

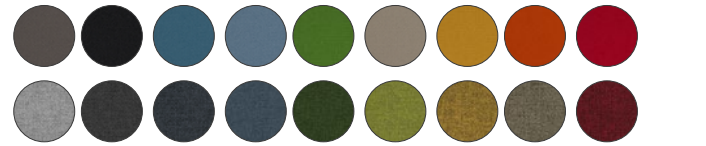
Fabric T - Phoenix



Fabric D - Felicity



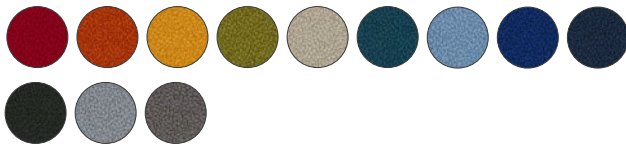
Fabric M - Melange & Step



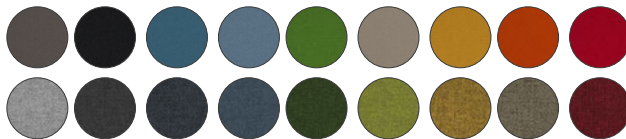
TECHNICAL MESH BACK REST

■ **SEAT**

Fabric T - Phoenix



Fabric M - Melange & Step

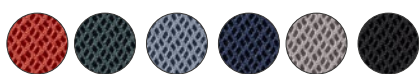


Fabric H - Harlequin



■ **BACK**

Fabric R - Rhythm



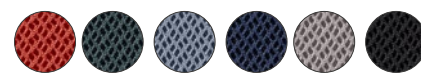
Fabric String



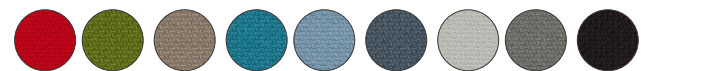
Fabric A - Synergy



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 + 40% 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 **50-60 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 (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 1040 mm

Total width: from 675 mm

Total depth: from 675 mm

Seat height: from 425 mm to 525 mm

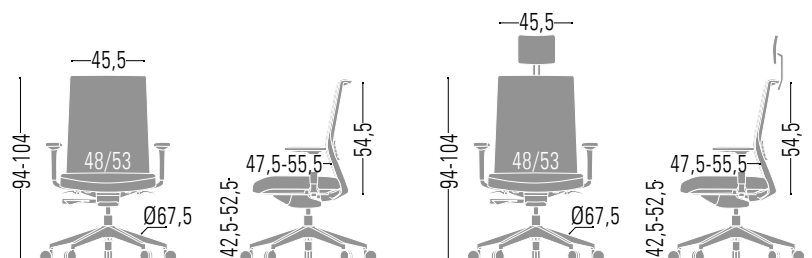
Seat width: from 480 mm to 530 mm

Seat depth: from 475 mm to 555 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+40% 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 **50-60 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 (70 mm). Return spring system.

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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,
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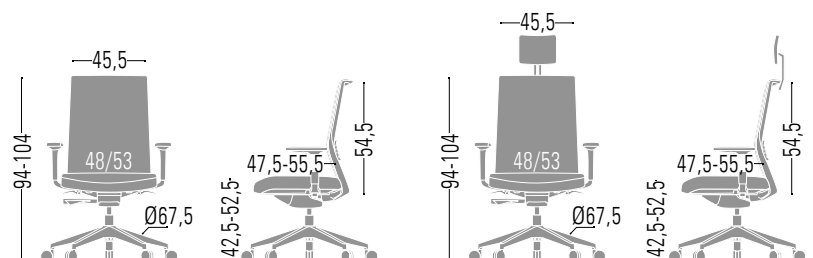
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- ③ Adjustable lumbar support
- ④ **WITH PIVOTING ARM 360°:**
A. SEBS of 3 mm, **B. ABS** of 3 mm, **C.** Height adjustment,
D. Component by solid aluminium 20 x 30 mm thickness or PP +30% F.V.
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- 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).



The mark of responsible forestry



EN ISO 14006:2011
ECODESIGN Certificate



UNE-EN ISO 9001:2008
ISO 9001 Certificate



UNE-EN ISO 14001:2004
ISO 14001 Certificate



ACTIU TECHNOLOGY PARK
LEED® PLATINUM certified by USGBC
Leadership in Energy & Environmental Design
LEED® Gold certified 2011 - LEED® Platinum certified 2017

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 1335-2:19.** Office furniture. Office chair. Part 2: Security requirements