

STAY

by ALEGREINDUSTRIAL STUDIO



■ Code: FTS 1012 078

■ Description: Operative chair, general use

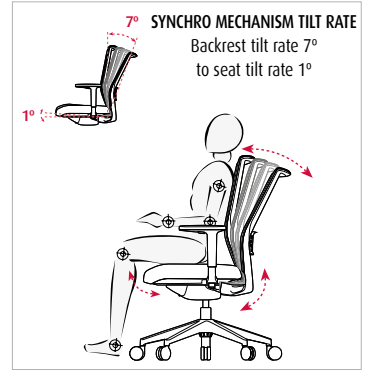
1 AUTO-WEIGHT SYNCHRO CONTROL

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).

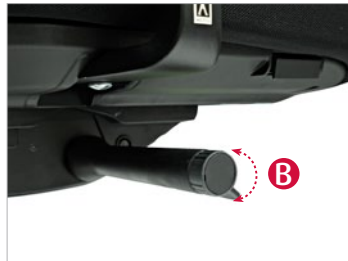


Tension Control Knob

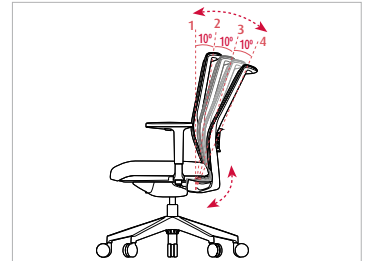


2 BACK TILT

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).



4 Back tilt positions control



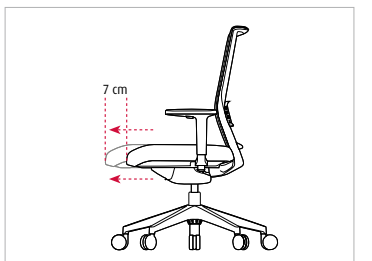
3 SEAT SLIDE (TRASLA)

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 = 7 cm / Each position offers 10 mm adjustment)



Sliding seat lever



5 different positions. Depth adjustment with auto-return mechanism

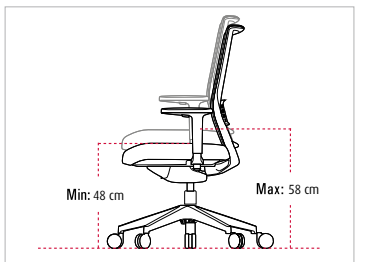
4 SEAT HEIGHT ADJUSTMENT

The seat height is adjusted using a gas-lift by lifting up the knob under the seat (D)

(Lowest seat height: 48 cm / Maximum seat height: 58 cm)



Gas lift



Backrest maximum and minimum height

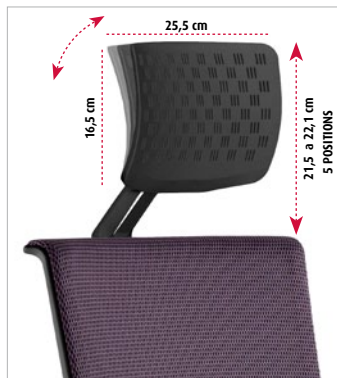
5 OPTIONAL HEAD-REST

Available a Head-rest for any Stay model. (25,5 x 16,5 cm)

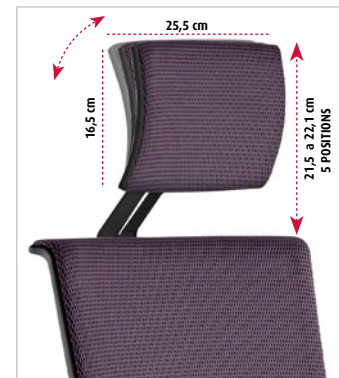
Two model availables:

- Flexible Polypropylene (PP)+35% fiber glass. White and black
- Polypropylene(PP) frame. Technical mesh upholstered

Polypropylene(PP) fixing and adjustable piece. **5 Different positions.**
Maximum Height adjustment 6 cm. Tilt mechanism.



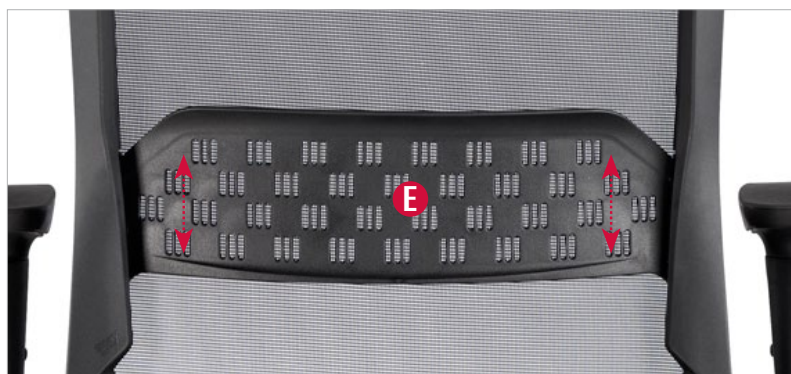
Polypropylene (PP)



Upholstered

6 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.



7 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.

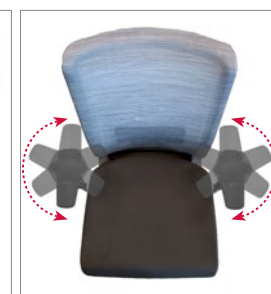
180° Swivel arm system (Anti-panic): only available with the aluminium arm option, allowing the horizontal swivel action of the arm-rest.



Height adjustable arm



Distance between arms



180° movement pivoting arm (only available with the aluminium arm option)

8 CASTORS

Soft band 60 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 castor



Weight control castors

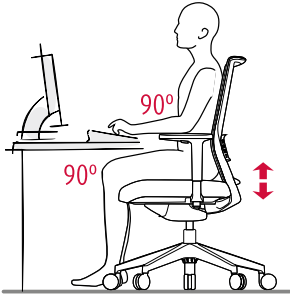


Antistatic castors

1 A correct posture at work to avoid physical problems

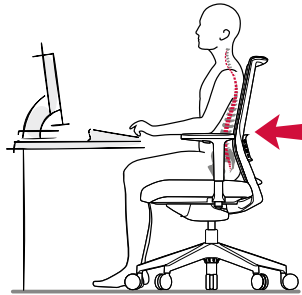
Seat adjustment.

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.



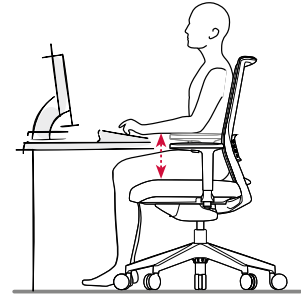
Lumbar Support Adjustment

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.

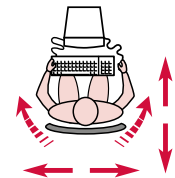
Dynamic tasks.

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.

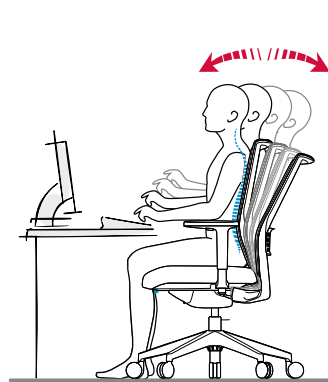
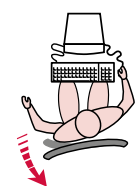
Torsion.

Flexible back whose movements go naturally with the user action.

Dynamic tasks.



Torsion.



Static work

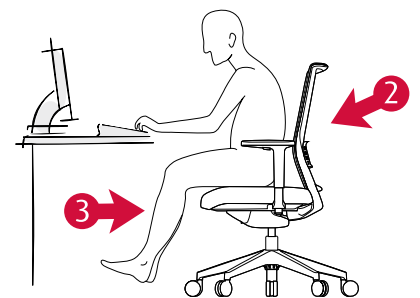
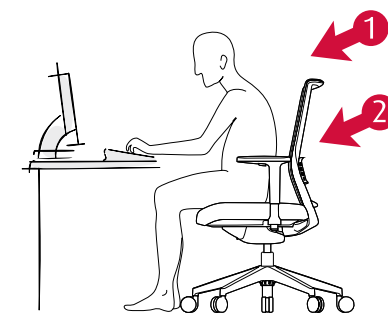
Document analysis and writing, intensive computer work... Select position 1 on the back tilt adjustment knob. Put the arms in the lowest position.



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.



■ ERGONOMICS

STAY available for all type of users. Perfect for any need and keep user's posture in a natural way without any manual adjustment.

■ STANDARDS

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: Dimensions. About dimensions
- **UNE-EN 1335-2:09.** Office furniture. Office chair. Part 2: Security requirements
- **UNE-EN 1335-2:09.** Office furniture. Office chair. Part 3:Security tests.

■ ECOLOGY**ENERGY SAVING**

The new technological production system included, reduce the energy resources used to manufacture each component. Materials are very well used to avoid wastes.

RECYCLED AND RECYCABLE MATERIALS

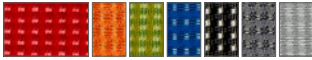
ACTIU environmental policy opts to use recycled materials in those components where functionality and lasting is not a condition. Materials used in **STAY** such as Aluminium or Steel are totally recyclable.

■ DESCRIPTION

Operative office chair, 5 Star base; aluminium base and polyamide with glass fiber (FV). Anti-skid castors standard use (60mm) or weight control use. **Back** rest, PP with glass fibre (PP +30% G.F.) frame , elastic technical mesh. Breathable. Moulded polypropylene. **Seat** 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

NET



GROUP H - HARLEQUIN



GROUP G - OMEGA 3D



STRING



■ SEAT

GROUP H - HARLEQUIN



GROUP G - OMEGA 3D



GROUP T-C



GROUP K



GROUP M - MELANGE



Fabric: Group H, Group G, Group T-C, Group K and Group M (see finishes and fabric card)

■ BASES AND CASTORS



Black Polyamide - Ø 67,5 cm
Black anti-skid castor,
Ø 60 mm soft band



White polyamide - Ø 67,5 cm
Black anti-skid castor,
Ø 60 mm black soft band



White aluminium - Ø 67,5 cm
Black anti-skid castor,
Ø 60 mm black soft band



Silver aluminium - Ø 67,5 cm
Black anti-skid castor,
Ø 60 mm black soft band



Polished aluminium - Ø 67,5 cm
Black anti-skid castor,
Ø 60 mm black soft band

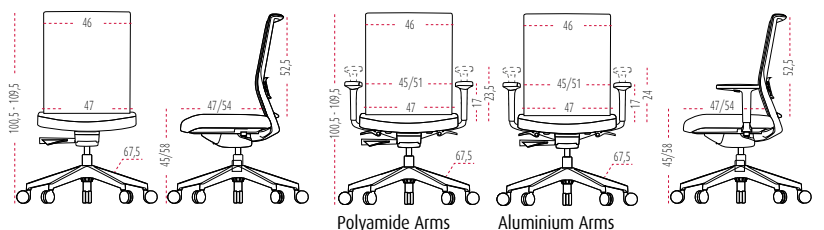


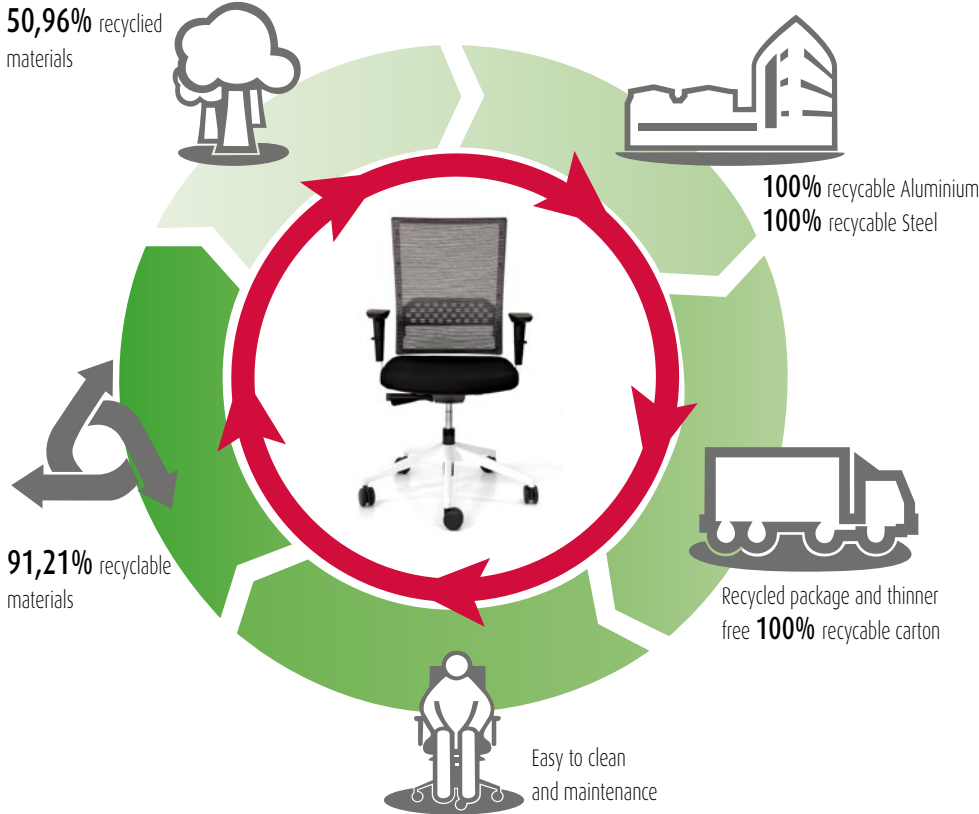
- ① Polypropylene frame manufactured with glass fiber (PP + 30% G.F.)
- ② Back rest, technical and ergonomic fabric
- ③ Adjustable lumbar support
- ④ **WITH PIVOTING ARM 180°:**
A. SEBS of 3 mm, B. ABS of 3 mm,
C. Height adjustment, D. Component by solid aluminium 20 x 30 mm thickness
- WITHOUT PIVOTING ARM 180°:**
A. SEBS of 3 mm, B. ABS of 3 mm,
C. Height adjustment, D. Component by Polyamide with glass fiber
- ⑤ Injected foam seat upholstered in different finishes
- ⑥ Gas 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 Seat height: from 450 mm to 580 mm
Total width: from 675 mm to 735 mm Seat width: from 450 mm to 580 mm
Total depth: from 675 mm Seat depth: from 470 mm to 540 mm

■ SIZES





 **MATERIALS**

STAY has been designed to be manufactured with recycled materials 50,96%, danger substances such as chrome, mercury or cadmium are not used in big quantity. Recyclables Aluminium and Steel 100%. Organic volatile Components. Packages manufactured with recycled carton. Ink thinner free.

 **PRODUCTION**

Energy use is optimized during the production process. Minimum environmental impact. Last generation technological system in coating processes. Painting that have not been used is recovered to use it again. Zero COVs emissions and other contaminant gas. Close water circuit to clean the metals. Heat recovery. Automatic manufacture systems. Cut process is planned.

 **TRANSPORT**

Optimum packaging to reduce space in transport and save energy.

 **USE**

Long lasting use. Spare parts and replacements available. Easy to clean and maintenance.

 **DISPOSAL**

91,21% recyclable. Easy and quick to split **STAY** components. Packages are reuse by our supplier to avoid waste generation. Carton used in packages is recyclable.

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



PEFC Certificate



EN ISO 14006:2011
ECODESIGN Certificate



UNE-EN ISO 9001:2008
ISO 9001 Certificate



UNE-EN ISO 14001:2004
ISO 14001 Certificate



E1 by EN 13986 Certificate



ACTIU TECHNOLOGICAL PARK
project certified as LEED® GOLD
by U.S. Green Building Council 2011
Leadership in Energy & Environmental Design

■ REMARKABLE VALUES

1 - Programme designed, developed and manufactured by Actiu. **Registered product as an European and International design.**

2 - Mechanisms patented by ACTIU

Research and Development investment has allowed developing and manufacturing the mechanisms integrating each component in the design. The programme gets a unified aesthetics and reduces production costs.

3 - The result is an excellent **COST-EFFECTIVE** programme, totally guarantee which includes all necessary functions for an intensive use in offices as well as a very competitive price.

4 – Painting process:

Actiu painting plant has minimum environmental impact against the traditional industry processes.

Treatment is done by polarized coating and compacted with temperature. We get homogeneous and regular application with 98% of painting and the remaining 2% is used to produce other paints. Paints used are COVs free (Volatile Organic Components) which are very dangerous for the environment. All water used in the process is re-used, so we get zero dump. The process is free in heavy metal, phosphate, organic components and **DQD** (Biochemical demand of Oxygen). The program gives us an exact control of thickness, so it provides us with standard thickness (90 micron).