

# A+S WORK

— By Alegre Design —



## A+S WORK

The **A+S Work (Active Solutions for Work)** chair has a new technological platform that has the exceptional feature of having an **“All in one”** synchro mechanism, which combines two of the existing tilting systems on the market in the same chair, which has been patented and registered as a Utility Model in the Official Bulletin of Industrial Property (BOPI).

**A+S Work** is a piece designed by **Alegre Design** and manufactured entirely in thermoplastic material, in which ergonomics have been taken care of to the maximum by applying strict international standards. Thanks to its light and airy image, it can fit in all types of spaces, from corporate offices, home offices and even in third spaces equipped for work. It is an agile and versatile solution that promotes fluidity between different environments.



## ACTIU

[www.actiu.com](http://www.actiu.com)

*Design goes beyond aesthetics: innovation, space and furniture go hand in hand to create environments that are friendlier, more comfortable and more motivating for people: environments that are more dynamic, fresh, creative, ergonomic and functional.*

*A business philosophy in which design is part of our DNA, as we apply it to every facet of the company: products, architecture, projects, brand, communication, work spaces...*

Technical specifications

Model	A+S Work Series 30 · High backrest	A+S Work Series 50 · High backrest	
Backrest	Breathable technical fabric.	Foamized TEX fabric composed of: 5 mm polyurethane foam + upholstery.	
Marco	Perimeter frame made of injected polypropylene + 30% fiberglass. Black and white finish.		
Lumbar	Adaptable lumbar support with a total range of 70 mm.		
Headrest	Adaptive Headrest with 50mm height adjustment and 30° swivel inclination.		
Arms	Model available with and without arms (models without arms allow for retrofitting as well as exchange of arm models)		
2D arms	Adjustable arm horizontally outward and in height. Polyamide + fiberglass cane. <b>Soft Touch</b> flexible polyurethane armrests. <b>Total horizontal displacement range: 25 mm. Total height adjustment range: 120 mm (12 positions).</b>		
4D arms	Arm adjustable horizontally outward, in height and displacement of the armrest in 2 axes. Polyamide + fiberglass cane. Flexible polyurethane and TPU - <b>Soft Touch</b> armrests. <b>Total horizontal displacement range: 25 mm. Total height displacement range: 120 mm (12 positions). Total range of armrest displacement: 20 mm horizontal and 30 mm vertical.</b>		
Seat	Seat injected with flexible PUR foam of 60 kg/m <sup>3</sup> density. Upholstered in easy-to-clean fabric.		
Seat depth	Transla mechanism with rack and pinion system that allows the block in 8 positions. <b>Total displacement range: 80 mm.</b>		
Negative angle	Seat inclination: 5°.		
Synchro mechanism	Synchronized backrest tilting system in 4 positions from 0° to 24°. Tension adjustment that applies a force of 50 to 13 0kg to the backrest. <b>Synchro 3/1.</b>		
Gas lift	Seat + backrest elevation by gas pump. <b>Elevation range: 130 mm.</b>		
Bases	5-spoke base Ø 67.5cm, made of polyamide with fiberglass (white or black) and aluminum (white, black, aluminized and polished).		
Supports	Standard black Ø 60mm wheels with Teflon tread. <b>Optional:</b> Self-braking hollow wheel, self-braking wheel, anti-static wheel and polypropylene plugs.		
Dimensions according to UNE-EN 1335-1	<p><b>Overall dimensions:</b>                      Height: 970 to 1100 mm                      Height of lumbar: 630 to 760 mm                      Total depth: 675 mm</p>	<p><b>Dimensions according to arms:</b>                      Without arms: 500 mm                      With arms 2D: 635 to 685 mm                      With arms 4D: 635 to 730 mm</p>	<p><b>Seat dimensions:</b>                      Height: 395 to 525 mm                      Width: 500 mm                      Depth: 445 to 525 mm</p>
	<p><b>Model without arms</b></p>	<p><b>Model with 2D arms</b></p>	<p><b>Model with 4D arms</b></p>

Functionalities

“All in one” Synchro mechanism

The **A+S Work** chair takes care of the user. It has been designed to offer a **complete experience of use in the operational environment**, its careful design and ergonomic capabilities are able to **balance the user in the chair**, providing a high degree of comfort and performance in the tasks performed in their day-to-day tasks.

“All in One” Synchro mechanism

The chair has an **“All in One” synchro mechanism**, which allows us a **synchronized tilting between seat and backrest** to provide greater comfort and correct ergonomics and where we can **recline in four positions and block the one that most interests us** for our postural health.

Negative angle

In addition, the chair optionally incorporates a **negative angle system of -5°**, which allows us to maintain a **posture closer to the correct ergonomics**, as well as allowing us to **incorporate the chair more easily**.

Fluid design

The curve that draws the back of the chair, **generates a feeling of fluidity and movement**, so that it seems that we are embraced by it and, therefore, invites us to some relaxation of the body (haptic design). This, together with **reducing the thickness of the foam in the seat's ACS system**, increases the levels of ergonomics of ergonomics.





**All in One" self-weighing synchro mechanism**

A+S Work has a synchronized tilting system between seat and backrest for greater comfort and correct ergonomics, 24 degrees and 6 degrees. This backrest is equipped with a **SYNCHRO "All in One"** mechanism, where we can recline in four positions and block the one we are most interested in for our postural health. Adjustment range from 50 kg to 130 kg.



**Negative angle - Optional**

This chair has a negative angle of -5° (optional), which allows us to maintain a posture closer to correct ergonomics. In addition, it allows us to sit up more easily. It is easily activated from the lower part of the seat.



**Seat height adjustment**

The seat height is adjusted by means of a gas pump. The mechanism is activated by pushing up the handle on the right hand side of the user, which allows for correct sitting and posture of the legs and the user.



**Seat travel - Traslá**

The horizontal displacement of the seat, by means of the traslá movement with autoreturn, makes it possible to adjust the distance of the seat from the backrest, so as to adapt it to users with different anthropometric characteristics.



**Haptic backing**

It is designed with a flexible frame (PP+PV), which allows it to produce a haptic response (it has to do with touch, as if it were embracing you). This frame is designed to give the product a synchronized tilting between seat and backrest.



**Sistema Airflow Comfort**

The seat has been designed with air chambers, to improve comfort, flexibility and pressure distribution for any user, which together with reducing the thickness of the seat foam, we managed to increase the levels of ergonomics.



**Lumbar support**

A+S Work has a lumbar support adjustment system made of flexible and adaptable material in black finish, with a maximum stroke of 7 cm, located on the back of the chair. The use of elastic fabrics combined with the adjustment of the lumbar support allows total adaptation to each user, reinforcing the tension in the points where the weight is greater.



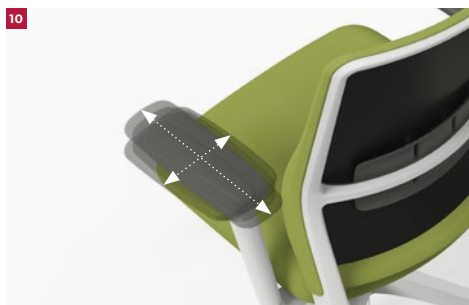
**Arm height adjustment**

A+S Work has interchangeable 2D and 4D arms with polyamide cane. The arm is height adjustable by pressing the button located under the armrest. It has 12 locking positions.



**Distance between arms**

The adjustment of the distance between arms provides the chair with the possibility of obtaining a comfortable space for the user in everyday life. Maximum stroke of 2.5 cm per arm (total width +5 cm). Mechanism with Allen key to move the arm.



**Soft touch armrests**

The armrests of the 2D and 4D armrests are made with a soft touch PAD in black finish. In the 4D arm model, it allows horizontal and vertical movement, which allows the chair to accommodate any situation, distance from the desk or position that we can maintain more comfortably.



**Headrest - Optional**

The tilting and height-adjustable headrest will allow us to adapt to any height and position of the head, trying to always leave it at rest to avoid tension.



**Hanger - Optional**

It has an optional integrated hanger at the back for easy and convenient storage of the jacket.

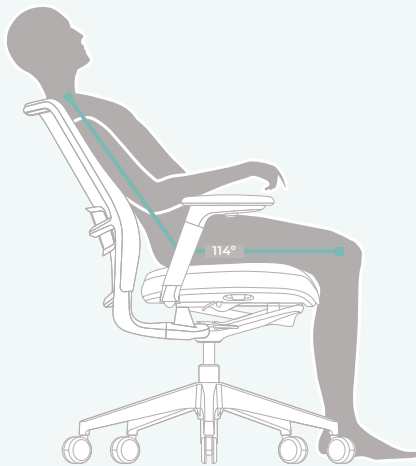
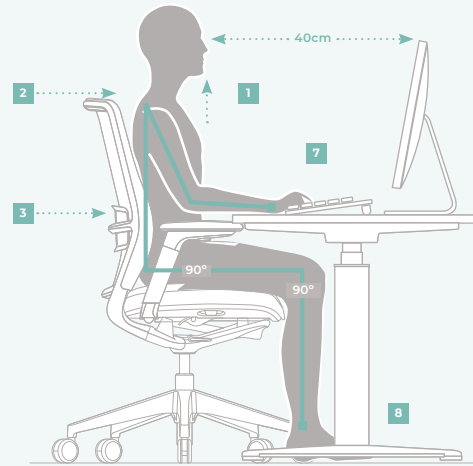
## Ergonomics

**Correct position in the workplace**

Al tiempo que usted se pasa sentado al día en su escritorio, súmele además el tiempo empleado en conducir para llegar a su trabajo. Caminar, andar en bicicleta, y utilizar las escaleras en vez del ascensor, son actividades que nos favorecen. Además, interrumpir el tiempo sentado siempre que pueda.

## How to acquire a good body position?

- 1 Head upright.
- 2 Relaxed shoulders
- 3 Straight back.
- 4 Forward view at all times
- 5 Moderate position on the chair
- 6 Arms and legs forming an angle of 90°.
- 7 Hands in line with arms.
- 8 Feet firmly on the ground.
- 9 Monitor in the center of line of sight.
- 10 Easily accessible reading material.
- 11 Correct and moderate lighting.

**Types of work**

Each task requires specific ergonomic and mobility conditions. It is advisable to alternate dynamic and static tasks in your daily work.

**Static work**

Analysis and drafting of documents, intensive computer work. Lock the synchro mechanism and use the armrests in the required position.

**Dynamic work**

Handling and exchange of documentation, communication, handling of peripherals,... Release the synchro mechanism by adjusting the tension to your weight and height. Place the arms in the lowest position.

**STRUCTURE**

Aluminium



Polyamide



Polypropylene

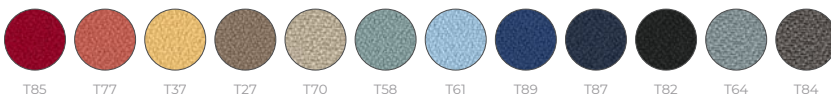


**FABRIC - BACK & SEAT**

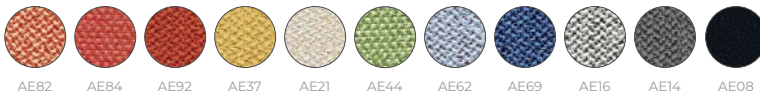
A+S WORK 50 / BACK REST UPHOLSTERED TEX

**MONOCHROMATIC** / Each colour matches the same colour of the seat

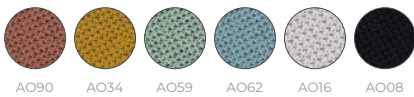
Fabric AT



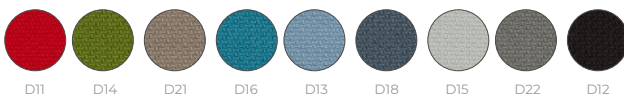
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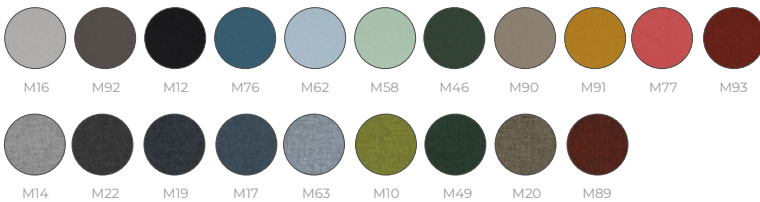
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Fabric CM



**FABRIC - BACK & SEAT**

A+S WORK 30 / TECHNICAL MESH BACK REST





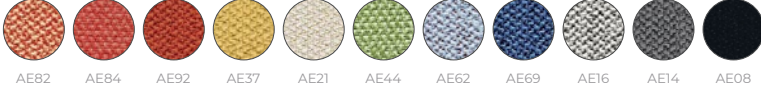
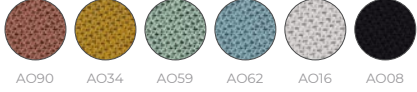
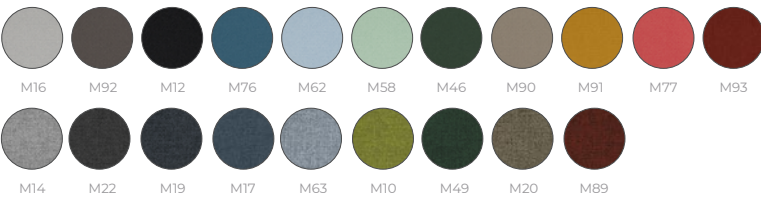
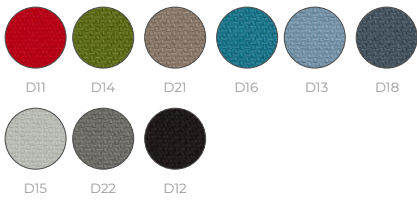

MONOCHROMATIC / Each colour matches the same colour of the seat




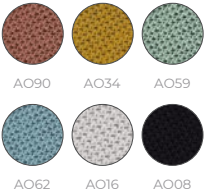
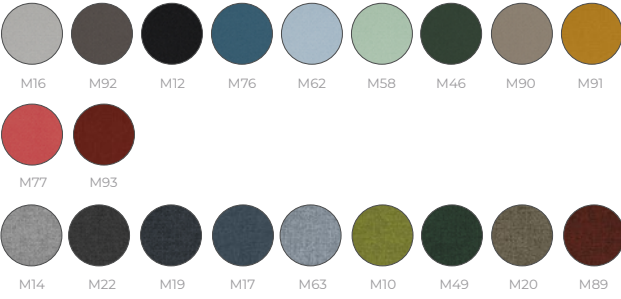

	Technical mesh AL	Technical mesh AS	Technical mesh AH
BACK	<p>AL90 AL34 AL59 AL62 AL16 AL08</p>	<p>S30</p>	<p>H12</p>
SEAT	<p>AO90 AO34 AO59 AO62 AO16 AO08</p>	<p>M12</p>	<p>H12</p>
	Technical mesh CQ	Technical mesh AR	
BACK	<p>Q42 Q46 Q40 Q41 Q43 Q44</p>	<p>R37 R34 R33 R39 R35 R32</p>	
SEAT	<p>M12 M76 M90 M91 M22 M16</p>	<p>R37 R34 R33 R39 R35 R32</p>	

TWO COLOURED / The back colours match the seat in black

	Technical mesh AL	Technical mesh CQ
BACK	<p>AL90 AL34 AL59 AL62 AL16 AL08</p>	<p>Q42 Q49 Q46 Q40 Q41 Q43 Q44</p>
SEAT	<p>AO08 T82 V10</p>	<p>M12 T82 V10</p>
	Technical mesh AR	
BACK	<p>R37 R34 R33 R39 R35 R32</p>	
SEAT	<p>R32 T82 V10</p>	

**TWO COLOURED /** The black back match the seats in different seat ranges

	<p>Technical mesh AS</p>  <p>S30</p>	<p>Technical meshH</p>  <p>H12</p>
<b>BACK</b>		
<b>SEAT</b>	<p><b>Fabric AT</b></p> 	<p><b>Fabric BU</b></p> 
	<p><b>Fabric AE</b></p> 	<p><b>Fabric AO</b></p> 
	<p><b>Fabric CM</b></p> 	<p><b>Fabric AD</b></p> 
	<p><b>Fabric FA</b></p> 	

	<p>Technical mesh AL</p>  <p>AL08</p>	<p>Technical mesh CQ</p>  <p>Q42</p>	<p>Technical mesh AR</p>  <p>R32</p>
<b>BACK</b>			
<b>SEAT</b>	<p><b>Fabric AO</b></p> 	<p><b>Fabric CM</b></p> 	<p><b>Technical mesh AR</b></p> 

Packs, weights & volumes

Model	Packs	Weights	Volumes
<b>A+S Work</b> · High backrest · Without arms	↓	↓	↓
Polyamide base	1	15,2 kg	0,161 m <sup>3</sup>
Aluminum base		15,9 kg	
<b>A+S Work</b> · High backrest · 2D arms	↓	↓	↓
Polyamide base	1	16,4 kg	0,161 m <sup>3</sup>
Aluminum base		17,1 kg	
<b>A+S Work</b> · High backrest · 4D arms	↓	↓	↓
Polyamide base	1	16,8 kg	0,161 m <sup>3</sup>
Aluminum base		17,5 kg	

Ecodesign

	A+S Work · High backrest · Without arms	A+S Work · High backrest · 2D arms	A+S Work · High backrest · 4D arms
Recycled materials		High	
Production		100%	
Transport		100%	
Use		Easy	
Disposal		Alto	

**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.

Regulations & EPD

A+S Work has passed the tests carried out in our laboratory and the tests performed at the Instituto Tecnológico del Mueble (AIDIMA) corresponding to the standard: **Work chairs, standards applicable from 2009.**

Regulations	Description	Mechanism
UNE EN 1335-1:2022, TYPE A	Office furniture. Office chairs. <b>Part 1:</b> Dimensions. Determination of dimensions.	Synchro with limitation and locking. Negative angle
UNE EN 1335-1:2022, TYPE B	Office furniture. Office chairs. <b>Part 1:</b> Dimensions. Determination of dimensions.	Synchro with limitation
UNE EN 1335-2:2019	Office furniture. Office work chair. <b>Part 2:</b> Safety requirements.	All

Certificates

The different programmes get points in different environmental categories to get the LEED certificate or WELL certificate (sustainability, material and resources, water, energy and atmosphere, inner environment quality, innovation and design).



Awards

