















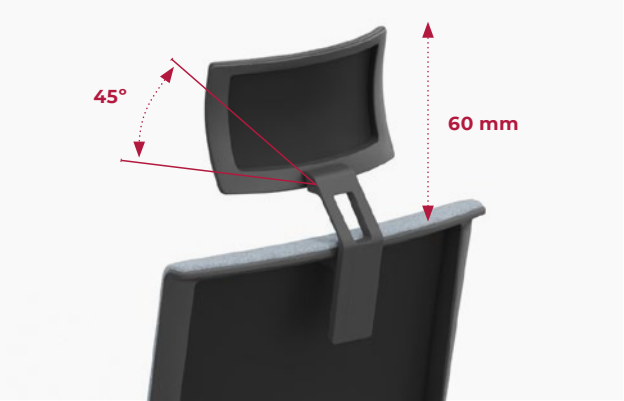


Technical specifications

Model	Stay · Serie 50 · Tex fabric	Stay · Serie 30 · Technical mesh
Backrest	Foamized fabric composed of 5 mm polyurethane foam + fabric.	Technical elastic clip-on mesh for breathability.
Backrest frame	Perimeter frame made of polypropylene (PP) with fiberglass (40% GF)	
Lumbar support	Lumbar support adjustment system with a maximum travel of 4 cm made of flexible and adaptable material.	
Headrest Z	Available a headrest for Stay model. (26 x 16,5 cm). Polyamide (PA) frame +30% (FV) fiber glass (Black), technical mesh upholstered or TEX upholstered. Polypropylene(PP) fixing and adjustable piece. 6 Different positions. Maximum Height adjustment 6 cm and an adjustment range of 45° (3x15°). Tilt mechanism.	
Arms 2D	- Polypropylene injection moulded structure. - Height adjustment: 7 locking positions with a range of 7 cm. Width adjustment between arms: Maximum travel of 3 cm per arm (total width + 6 cm).	
Arms 3D	- Arms with polypropylene or aluminium injection moulded structure. - Height adjustment: 7 locking positions. Width adjustment between arms: Maximum travel of 3 cm per arm (total width + 6 cm). 360° pivoting swivel system: Allows the armrest to swivel horizontally with the option of locking it.	
Seat	Seat with ACS technology (airflow comfort system). Made of PU (polyurethane) flexible moulded foam (density 50-60 kg/m3). Upholstered seat available in a wide range of fabrics with lower shell made of glass-fibre reinforced polypropylene (PP + 20% GF), finished in white or black.	
Seat slide (Trasla)	Transla mechanism with rack and pinion system that allows the horizontal travel of the seat to be locked in 8 positions. Total travel range: 70 mm.	
Synchro mechanism	Synchronised tilting system of the backrest and seat in 4 positions 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.	
Gas lift	Seat + backrest lift by gas pump. Lifting range: 430 mm to 53 cm.	
Bases	5-spoke swivel base in die-cast aluminum or polyamide with fiberglass (PA6+ 30% GF)	
Support	60 mm diameter silent castors with Teflon tread. Optional safety castors with self-braking system.	
Measures	<div><div>Total measures: Total height: 94 to 104 cm Total width: 68,5 cm Total depth: 68,5 cm</div><div>Seat measures: Seat height: 42,5 a 52,5 cm Seat width: 48 to 53 cm Seat depth: 47,5 to 55,5 cm</div></div>	

Functionalities					
Types of mechanism					
Gas lift		Synchro mechanism with limiter and gas lift			
<div>1</div> 		<div>1</div> 		<div>2</div> <div>4 positions</div> 	
Seat height The seat height adjustment is made by means of a gas pump. The mechanism is operated by pushing up the handle located on the right side, in the sitting position, under the seat.		Seat height The seat height adjustment is made by means of a gas pump. The mechanism is operated by pushing up the handle located on the right side, in the sitting position, under the seat.		Syncro self-weighting mechanism Stay has 4 defined backrest positions, with programmed ranges of 7° from the locking position to the maximum position of 21°. A sensitive adjustment device is incorporated under the seat that allows the tension to be adjusted to personalise the user's comfort by turning the device to achieve a greater or lesser tension.	
Included functionalities					
					
Airflow confort system The seat has been designed with air chambers to improve comfort, flexibility and pressure distribution for any user. Covered with flexible PR injected foam of 50-60 kg/m3 density.		Seat travel (TRASLA) The horizontal displacement of the seat allows adjusting the distance of the seat from the backrest, so that it adapts to users of different anthropometric characteristics. The seat can be locked in 8 positions. The auto return system moves the seat to the initial position without exerting pressure on the seat.		Adaptative lumbar Lumbar support adjustment system made of flexible and adaptable material, with a maximum travel of 4 cm, located on the back of the chair.	
Optional functionalities					
Arms 2D and 3D			Arms 3D		
					
Arm height adjustment It is operated by pressing the button located under the armrest. 7 locking positions are available.			Pivoting system 360° pivoting movement of the arm that allows the armrest to rotate horizontally. Incorporation of anti-panic trigger in aluminum arms.		
Distance between arms Manual operation from sitting position. Maximum stroke of 3 cm per arm (maximum width + 6 cm).					
Arms 2D / White	Arms 2D / Black	Arms 3D / White	Arms 3D / Silver	Arms 3D / Black	Arms 3D / Polished
					

Optional functionalities



Headrest Z
Available a Head-rest for Stay model. (26 x 16,5 cm).
Polyamide (PA) frame +30% (GF) fiber glass (Black),
technical mesh upholstered or TEX upholstered.
Polypropylene(PP) fixing and adjustable piece. **6**
Different positions. Maximum Height adjustment 6 cm
and an **adjustment range of 45° (3x15°)**. Tilt mechanism.

Castors and caps

Standard castors



All chairs include as standard soft castors with silent teflon tread which allows an easy and light movement of the chair in black finish. Diameter 60 mm.

Auto-brake castors



This system provides security according to standard EN 12529 as it avoids accidental movement of the chair. While sat on the chair, it moves easily.



Optional safety castors, with self-braking system, which prevent the chair from unintentionally rolling away. Available in different finishes. The safety brake according to standard EN 12529 for office chairs requires that when the chair is unloaded, i.e. before the user sits down, the wheels are slightly braked and do not give the chair the possibility of sliding when the user sits down. It includes an easy system to reduce and/or deactivate the braking force, and is mainly considered as an aesthetic option.



Antistatic castors



Electrostatic dissipative castors that are designed to allow static electricity to flow through the tread and dissipate safely into the ground.

Caps



Black Polypropylene (PP) caps with antiskid rubber.

Finishes available

Structure

Aluminum

White

Aluminized

Black

Polished

Polyamide

White

Black

Polypropylene

White

Black

Series 50 with tex backrest · Monocolor

Fabric AT · Basic F.R.

AT87

AT89

AT61

AT58

AT37

AT77

AT85

AT27

AT70

AT64

AT84

AT82

Fabric AI · Radio

AI66

AI53

AI58

AI44

AI42

AI90

AI89

AI25

AI23

AI13

AI08

Fabric AO · Tonal

AO62

AO59

AO34

AO90

AO16

AO08

Fabric AD · Felicity

AD18

AD13

AD16

AD14

AD11

AD21

AD22

AD15

AD12

Fabric CM · Step & Step Melange

CM62

CM76

CM46

CM58

CM91

CM77

CM93

CM92

CM90

CM16

CM12

CM19

CM63

CM17

CM49

CM10

CM89

CM20

CM14

CM22

Fabric AC · Chili

AC69

AC65

AC61

AC54

AC58

AC36

AC82

AC89

AC21

AC16

AC11

AC08

Series 30 with technical mesh backrest · Monochromatic

Technical mesh AL · Tale

BACKREST

AL62

AL59

AL34

AL90

AL16

AL08

SEAT

AO62

AO59

AO34

AO90

AO16

AO08

Technical mesh AS · String

BACKREST

AS30

SEAT

CM12

Technical mesh AH · Mesh 100

BACKREST

AH12

SEAT

AH12

Technical mesh CQ · Spin

BACKREST

CQ46

CQ41

CQ40

CQ44

CQ43

CQ42

SEAT

CM76

CM91

CM90

CM16

CM22

CM12

Technical mesh AR · Rhythm

BACKREST

AR39

AR33

AR34

AR37

AR35

AR32

SEAT

AR39

AR33

AR34

AR37

AR35

AR32

TASK SEATING

STAY INDEX

FABRICS / FINISHES

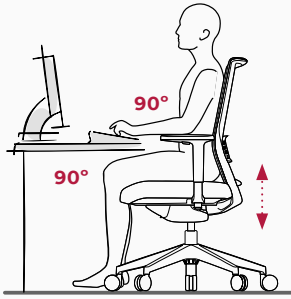
Series 30 with technical mesh backrest · Two-coloured *(The black backrests combine with seats of different ranges).*

BACKREST											
Technical mesh AL · Tale						Technical mesh AS · String			Technical mesh AH · Mesh 100		
AL62	AL59	AL34	AL90	AL16	AL08	AS30			AH12		
Technical mesh CQ · Spin											
CQ49	CQ46	CQ41	CQ40	CQ44	CQ43	CQ42					

SEAT											
Fabric AT · Basic F.R.											
AT87	AT89	AT61	AT58	AT37	AT77	AT85	AT27	AT70	AT64	AT84	AT82
Fabric AE · Era											
AE69	AE62	AE44	AE37	AE92	AE84	AE82	AE21	AE16	AE14	AE08	
Fabric AI · Radio											
AI66	AI53	AI58	AI44	AI42	AI90	AI89	AI25	AI23	AI13	AI08	
Fabric AO · Tonal											
AO62	AO59	AO34	AO90	AO16	AO08						
Fabric AD · Felicity											
AD18	AD13	AD16	AD14	AD11	AD21	AD22	AD15	AD12			
Fabric BV · Valencia											
BV19	BV18	BV13	BV12	BV15	BV11	BV21	BV20	BV17	BV10		
Fabric CM · Step & Step Melange											
CM62	CM76	CM46	CM58	CM91	CM77	CM93	CM92	CM90	CM16	CM12	
CM19	CM63	CM17	CM49	CM10		CM89	CM20		CM14	CM22	
Fabric FA · Synergy											
FA16	FA13	FA18	FA25	FA27	FA11	FA17	FA20	FA22			
Fabric AC · Chili											
AC69	AC65	AC61	AC54	AC58	AC36	AC82	AC89	AC21	AC16	AC11	AC08

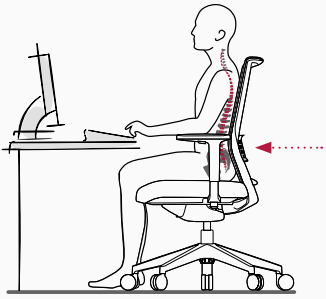
BACKREST											
Technical mesh AR · Rhythm											
AR39	AR33	AR34	AR37	AR35	AR32						
SEAT											
Technical mesh AR · Rhythm											
AR39	AR33	AR34	AR37	AR35	AR32						

Ergonomics



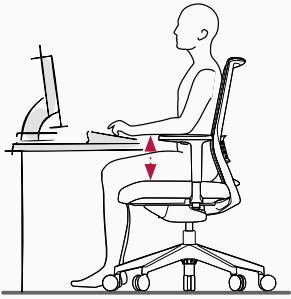
Seat height

The forearms should be parallel to the work surface, forming a right angle with the arm. With both feet flat on the floor, the knees should form a right angle.



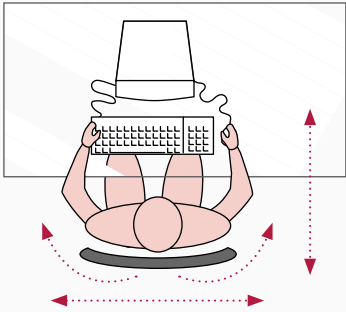
Lumbar adjustment

Adjust the height of the lumbar support to achieve full back support and proper weight distribution.



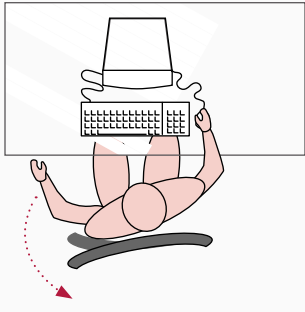
Adjustable arms (7 positions)

Place the arms in the lowest position to facilitate mobility. For static work, adjust the height and distance until the forearm is perfectly supported.



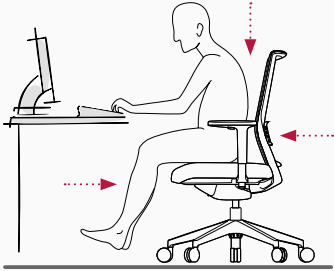
Dynamic work

The forearms should be parallel to the work surface, forming a right angle with the arm. With both feet flat on the floor, the knees should form a right angle.



Torsion

Flexible backrest that follows the user's twisting action, adapting naturally to the movement.



Incorrect positions

Key points such as a low position with respect to the table cause cervical overloads. Incorrect support on the backrest causes lumbar discomfort and excessively stretched or bent legs cause joint overloads.

Packs, weights & volumes

Model		Packs	Weights	Volumes
GAS LIFT	Stay · Without arms	↓	↓	↓
	Polyamide base	1	11,97 kg	0,1802 m³
	Stay · 2D arms polypropylene	↓	↓	↓
	Polyamide base	1	14,43 kg	0,1802 m³
SYNCHRO MECHANISM WITH LIMITER	Stay · Without arms	↓	↓	↓
	Polyamide base	1	13,25 kg	0,1802 m³
	Aluminum base		13,25 kg	
	Stay · 2D arms polypropylene	↓	↓	↓
	Polyamide base	1	14,92 kg	0,1802 m³
	Aluminum base		14,92 kg	
	Stay · 3D arms aluminium	↓	↓	↓
	Polyamide base	1	16,08 kg	0,1802 m³
	Aluminum base		16,08 kg	

Ecodesign

Recycled materials	52,56%
Production	100%
Transportation	100%
Use	Easy
Disposal	92,85%

Recycled materials: Maximum use of materials to eliminate waste and minimize residues. Use of recyclable materials and recycled materials in components that do not affect functionality and durability. **Production:** Maximum optimization of energy use. Minimum environmental impact. State-of-the-art technological systems. Zero wastewater discharge. VOC-free coatings. Processes free of heavy metals, phosphates, OC and COD. **Transport:** Dismountable systems. Volumes that facilitate space optimization. Maximum reduction of energy consumption for transport. **Use:** Quality and guarantee. Long useful life. Possibility of substitution and replacement of elements. **Disposal:** Waste reduction. Reuse system of supplier-manufacturer packaging. Easy separation of components. Solvent-free water-based printing inks on packaging.

Regulations & EPD

Stay has passed the tests carried out in our laboratory and the tests performed at the Instituto Tecnológico del Mueble (AIDIMME) corresponding to the standards:

Regulations	Description
UNE-EN 1335-1:2021+A1:2023	Office furniture. Office work chair. Part 1: Dimensions. Determination of dimensions.
UNE-EN 1335-2:2019	Office furniture. Office chair. Part 2: Safety requirements.

Certificates

The different programs allow points to be obtained in different environmental categories, referring to sustainable plots, materials and resources, efficiency in water, energy and atmosphere, indoor environmental quality, and innovation and design, which are applied to a building in order to obtain LEED certification.

