Trim Draughtman chair by Alegre Design

Trim is versatile, ergonomic and flexible. a tool to make you feel good and be more productive. The TRIM range offers different models to adapt to the needs of each user under two premises: health and comfort.

The chairs are a work tool and we must be clear about their use. TRIM is a valid operative solution for continuous use as it offers technical and functional features, provides comfort and uses materials that facilitate an ideal posture. These features include advanced synchronisation, tension regulators, ergonomic curves and back and lumbar regulation.

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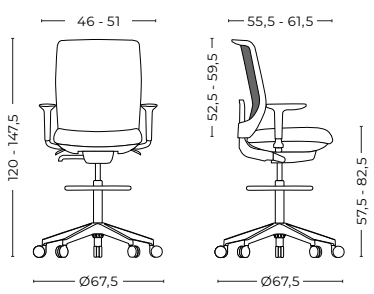
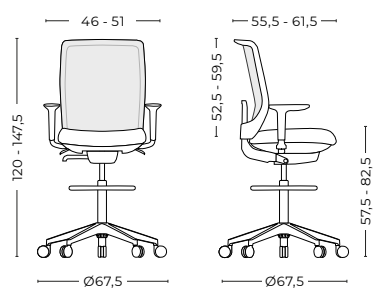
Technical specifications

Model	**Trim** · Serie 50 · Tex fabric	**Trim** · Serie 30 · Technical mesh
Backrest	Foamized fabric composed of 5 mm polyurethane foam + fabric.	Technical elastic clip-on mesh for breathability.
	Back elevation system.	
Backrest frame	Perimeter frame made of polypropylene (PP) with fiberglass (40% GF)	
Lumbar support	Adaptative PP Lumbar support (60%PP + 40%POP), with height adjustment.	
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).	
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:** 7 cm.	
Gas lift	Seat + backrest lift by gas pump. **Lifting range**: 57,5 cm to 82,5 cm.	
Footrest	Chromed steel footrest - Ø50cm. Curved tube Ø 18 mm, 1,5 mm thickness	
Bases	5-spoke swivel base in polyamide with fiberglass (PA6+ 30% GF)	
Support	Inverted self-braking castor with 6,5 cm diameter and teflon tread or plugs.	
Label holder	Label holder made of transparent polystyrene, easy to attach.	
Measures	**Total measures:** **Total height:** 120 a 147,5 cm **Total width:** 67,5 cm **Total depth:** 67,5 cm	**Seat measures:** **Seat height:** 57,5 to 82,5 cm **Seat width:** 48 cm **Seat depth:** 55,5 a 61,5 cm
		

Functionalities

Types of mechanism

Gas lift

1

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.

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.

Label holder
The TRIM chairs have a transparent plastic label holder, which allows the chair to be identified. Easy label placement.

Adjustable backrest
TRIM has a guided system that allows the user to adjust the height of the backrest with a total range of 7 cm. The mechanism is activated by pressing the button located on the left loop of the backrest frame.

Adaptative lumbar
Lumbar support adjustment system made of flexible and adaptable material, adjustable in height.

Footrest adjustment
The Trim draughtman has a footrest adjustment system to adapt to each user.

Optional functionalities

Arms 2D and 3D

Arm height adjustment
It is operated by pressing the button located under the armrest. **7 locking positions are available.**

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

Castors and caps

Inverted auto-break castor

Inverted 6,5 cm self-braking castors with teflon tread in black finish.

Caps

Black Polypropylene (PP) caps with antiskid rubber.

Finishes available

Structure

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 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 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 · Harlequin

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

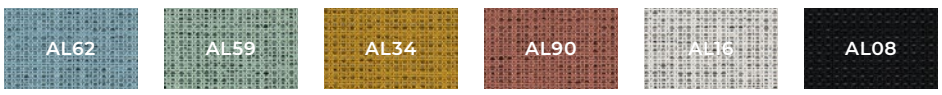
SEAT

AR39 | AR33 | AR34 | AR37 | AR35 | AR32

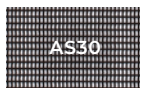
Series 30 with technical mesh backrest · Two-coloured *(The black backrests combine with seats of different ranges).*

BACKREST

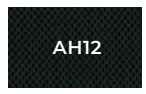
Technical mesh AL · Tale



Technical mesh AS · String



Technical mesh AH · Harlequin



Technical mesh CQ · Spin

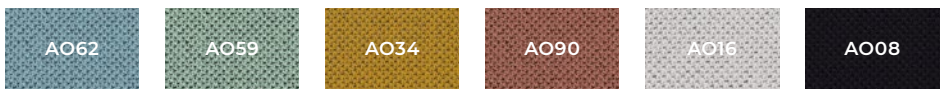
SEAT

Fabric AT · Basic F.R.

Fabric AE · Era

Fabric AI · Radio

Fabric AO · Tonal

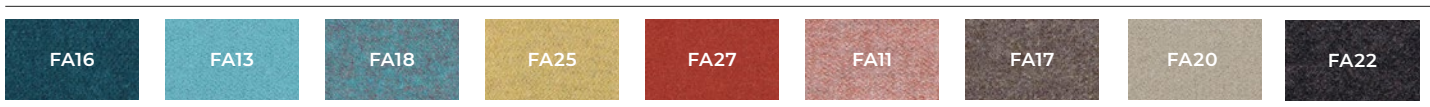


Fabric AD · Felicity

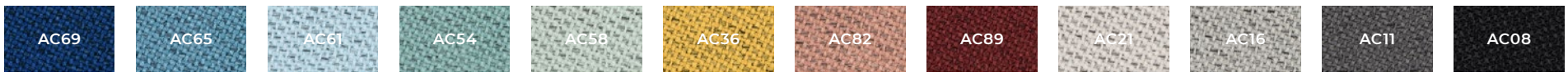
Fabric BV · Valencia

Fabric CM · Step & Step Melange

Fabric FA · Synergy

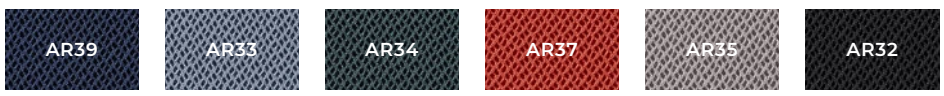


Fabric AC · Chili



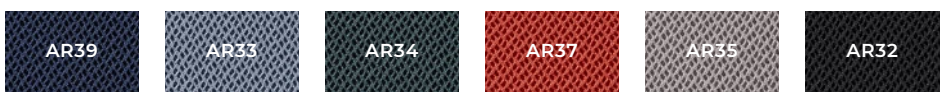
BACKREST

Technical mesh AR · Rhythm

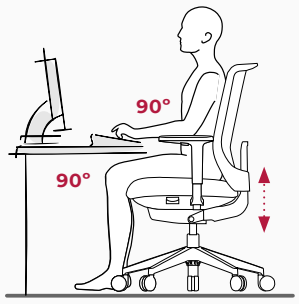


SEAT

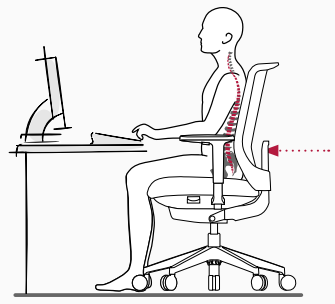
Technical mesh AR · Rhythm



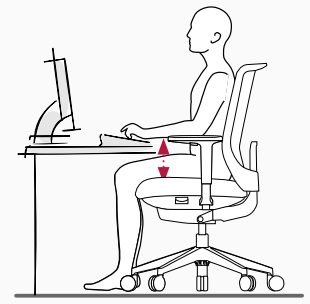
Ergonomics



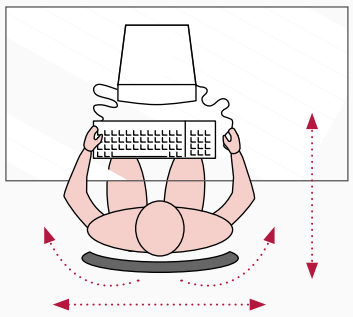
Seat height
The forearms should be parallel to the work surface, forming a right angle with the arm. With both feet flat on the floor, the knees should form a right angle.



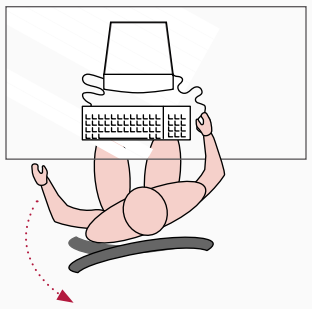
Lumbar adjustment
Adjust the height of the lumbar support to achieve full back support and proper weight distribution.



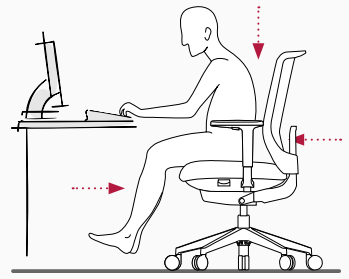
Adjustable arms (7 positions)
Place the arms in the lowest position to facilitate mobility. For static work, adjust the height and distance until the forearm is perfectly supported.



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
S30 - S50	**Trim** · Without arms	↓	↓	↓
	Polyamide base	1	13,76 kg	0,1802 m^3
	Trim · 2D arms polypropylene	↓	↓	↓
	Polyamide base	1	16,96 kg	0,1802 m^3

Ecodesign

Recycled materials	33,42%
Production	100%
Transportation	100%
Use	Easy
Disposal	51,63%

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

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

Normativa	Descripción

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.

Awards