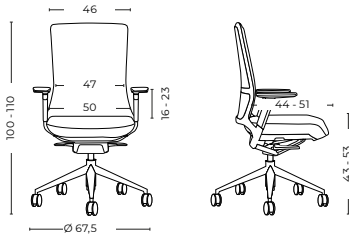
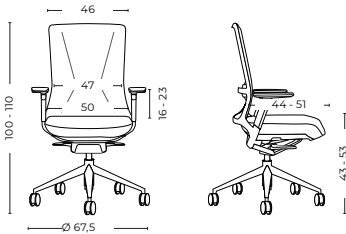
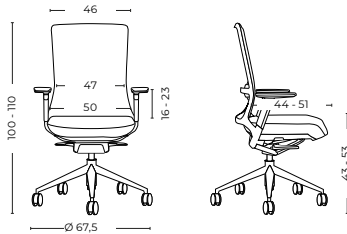



















Technical specifications

Model	Tnk 500 · Serie 20	Tnk 500 · Serie 50	Tnk 500 · Serie 30
Backrest	Moulded flexible foam PU flexible (80-90kg/m3) over steel metal frame Ø 6 x 1,5 mm thickness. Upholstered.	Tex fabric: Foamized fabric composed of 5 mm polyurethane foam + Upholstery T. 10 mm polyurethane foam + Upholstery D, M or P.	Breathable technical fabric: High tenacity elastic technical fabric
Backrest frame	Back rest aluminium frame.		
Lumbar support		Lumbar support adjustment, which is activated by moving the control in the back of th chair, up or down. The elastic mesh of the back is automatically adapted to each user releasing pressure in those points.	
Headrest	Made of flexible foam 90-100kg/m3, (38,5 x 21 cm) upholstered in different finishes.		
2D Arms	2D adjustable arm. Aluminium cane. Height adjustable arms and anti-panic system		
Seat	Seat injected with flexible PUR foam of 55-60kg/m3 density. Upholstered in easy to clean fabric.		
Oscillating seat	360° adaptive tilting seat that adaptively follows the user's movement. Allows dynamic negative angle.		
ACS System	ACS (Air Comfort System) technology that promotes adaptive compression and decompression of the foam.		
Flexible sheets	Flexible sheets that reduce pressure on the muscles and achieve a correct sitting position for the user.		
Depth	Rack and pinion mechanism allowing locking in 8 positions. Total range of displacement: 7 cm.		
Syncro mechanism	Synchronized backrest tilting system in 4 positions from 0° to 20°. Tension adjustment that applies a force of 50 to 120kg to the backrest.		
Gas lift	Seat+backrest lifting by means of a gas pump. Elevation range: from 44 to 54 cm.		
Bases	5-spoke base Ø 67.5 cm, made of polyamide (black) or aluminum (white, black, aluminized and polished).		
Support	Ø 6 cm black standard castors with Teflon treads. Optional: Self-braking hollow wheel, self-braking, anti-static and polypropylene plugs.		
Dimensions	<p>Overall dimensions: Height: 100 a 110 cm Width: 67,5 cm Depth: 67,5 cm</p> <p>Seat dimensions: Height: 44 a 54 cm Width: 50 cm Depth: 44 a 51 cm</p>	<p>Overall dimensions: Height: 100 a 110 cm Width: 67,5 cm Depth: 67,5 cm</p> <p>Seat dimensions: Height: 44 a 54 cm Width: 50 cm Depth: 44 a 51 cm</p>	<p>Overall dimensions: Height: 100 a 110 cm Width: 67,5 cm Depth: 67,5 cm</p> <p>Seat dimensions: Height: 44 a 54 cm Width: 50 cm Depth: 44 a 51 cm</p>
			

Functionalities				
Types of mechanism				
Synchro mechanism with limiter and gas lift				
1		2		 Video operation
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.		Synchro self-weighting mechanism Tnk 500 has 4 defined backrest positions from the locking position to the maximum position of 20°. 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				
4			Arms 2D 	
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 55-60 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.		
Arm height adjustment It is operated by pressing the button located under the armrest. 7 locking positions are available.				
Arms 2D 		Arms 2D / White 		
Arms 2D / Black 		Arms 2D / Polished 		
360° Swivel arm system (Anti-panic) 360° pivoting system allows the arm rest to turn horizontally. 360° Swivel arm movement allowing horizontal rotation of arm rests. Rotation functions: - Anti panic solution. - Obtaining alternative position to approximate the chair to the work surface.		Arms 2D / Bronze 		
Arms 2D / Copper 		Arms 2D / Titanium 		






TASK SEATING

TNK 500 INDEX

FINISHES



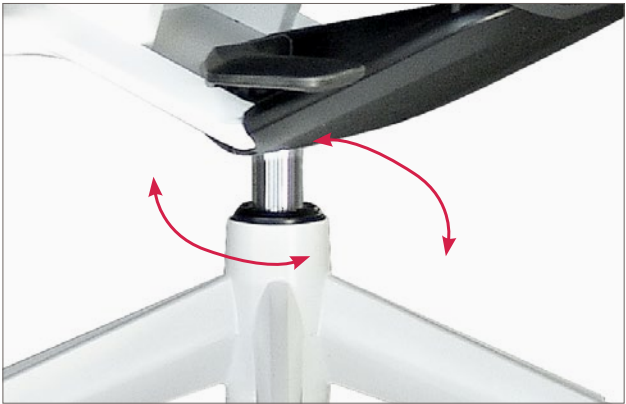
Optional functionalities



Headboard / Upholstered back
Any TNK 500 model can be complemented with a headrest made of flexible foam 90-100kg/m3, (38,5 x 21 cm) upholstered in different finishes.



Lumbar adjustment
TNK 500 has a lumbar support adjustment, which is activated by moving the control in the back of the chair, up or down. The elastic mesh of the back is automatically adapted to each user releasing pressure in those points.



The self-return, auto-lift cylinder swivels 360
swivels 360 degree in both directions, height adjustable when seated and returns the seat automatically to the original position when vacated. The direction and height of the chair are always the same when vacated.

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 6 cm.

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 castors 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

Black

Bronze

Copper

Titanium

Polished

Series 20 · Upholstered back and seat

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

Leather GP · Verso

GP10

Fabric AC · Chili

AC69

AC65

AC61

AC54

AC58

AC36

AC82

AC89

AC21

AC16

AC11

AC08

Fabric FR · Remix 3

FR66

FR69

FR65

FR47

FR82

FR84

FR93

FR26

FR21

FR20

FR14

FR11



Series 50 with tex backrest · Monocolor without thermosealed

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 AC · Chili

AC69	AC65	AC61	AC54	AC58	AC36	AC82	AC89	AC21	AC16	AC11	AC08
------	------	------	------	------	------	------	------	------	------	------	------



Series 50 with tex backrest · Monocolor with thermosealed

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

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 CQ · Spin

BACKREST					
CQ46	CQ41	CQ40	CQ44	CQ43	CQ42
SEAT					
CM76	CM91	CM90	CM16	CM22	CM12

Technical mesh AS · String

BACKREST
AS30
SEAT
CM12

Technical mesh AH · Mesh 100

BACKREST
AH12
SEAT
AH12

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 · TaleTechnical mesh AS · StringTechnical mesh AH · Mesh 100



Technical mesh CQ · Spin



SEAT

Fabric AT · Basic F.R.



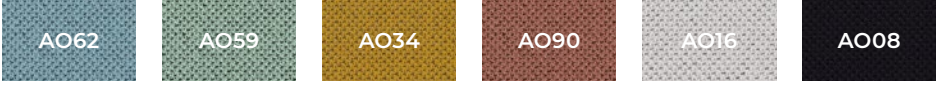
Fabric AE · Era



Fabric AI · Radio



Fabric AO · Tonal



Fabric AD · Felicity



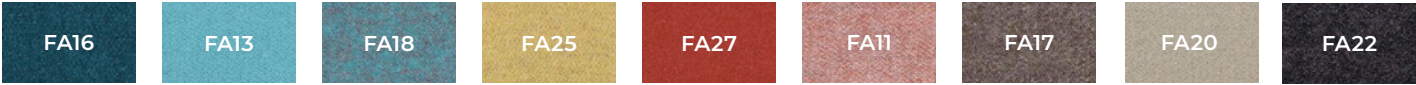
Fabric BV · Valencia



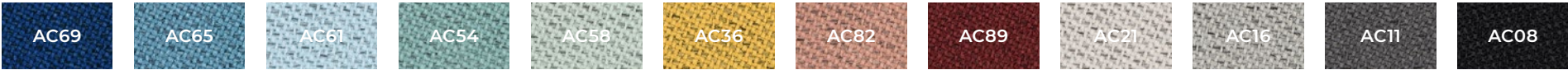
Fabric CM · Step & Step Melange



Fabric FA · Synergy

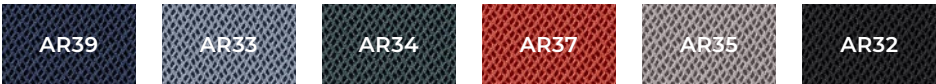


Fabric AC · Chili



BACKREST

Technical mesh AR · Rhythm

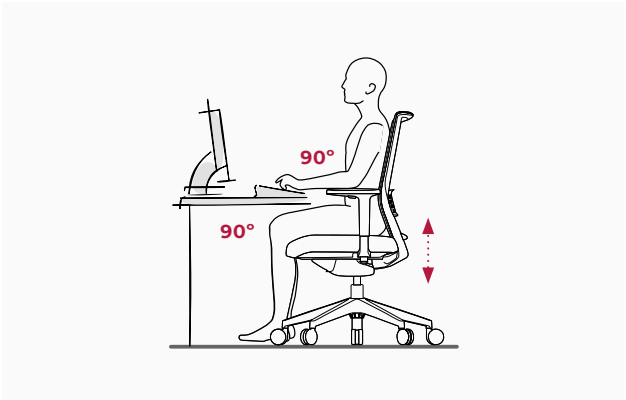


SEAT

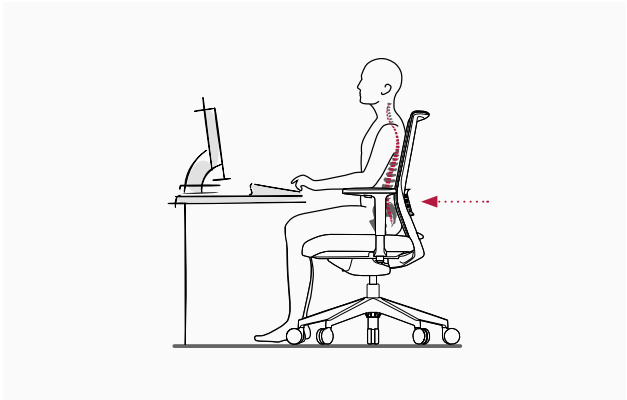
Technical mesh AR · Rhythm



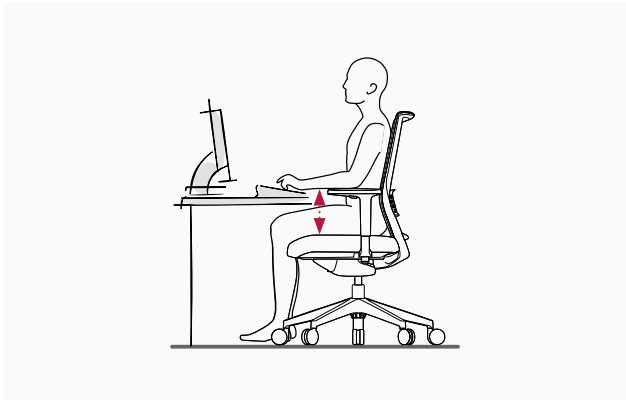
Ergonomics



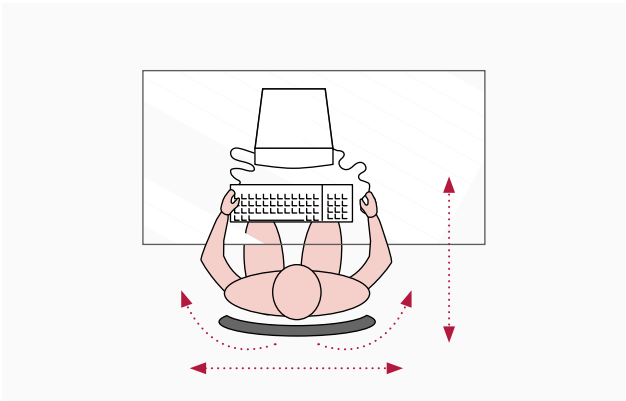
Seat height
The forearms should be parallel to the work surface, forming a right angle with the arm. With both feet flat on the floor, the knees should form an angle with the arm.



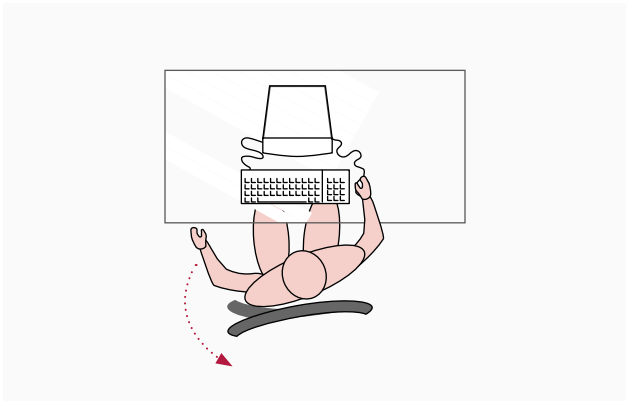
Lumbar adjustment
Adjust the height of the lumbar support to achieve full back support and proper weight distribution..



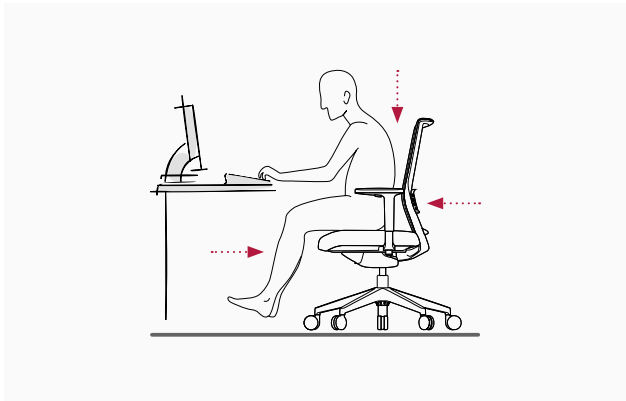
Adjustable arms (7 positions)
Place the arms in the lowest position to facilitate mobility. For static work, adjust the height and distance until the forearm is perfectly supported.



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
Tnk 500 · Serie 20	↓	↓	↓
Aluminum base	1	21,300 kg	0,365 m³
Tnk 500 · Serie 50	↓	↓	↓
Aluminum base	1	21,300 kg	0,365 m³
Tnk 500 · Serie 30	↓	↓	↓
Aluminum base		21,300 kg	0,365 m³

Ecodesign

Recycled materials	59,79%
Production	100%
Transportation	100%
Use	Muy facil
Disposal	82,36%

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.

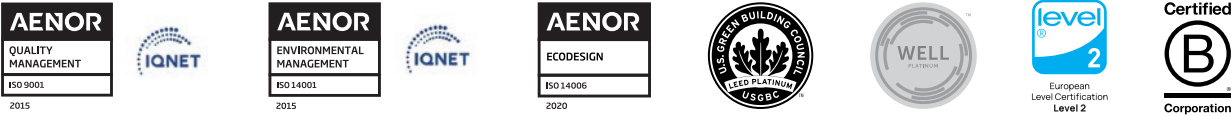
Regulations & EPD

Tnk 500 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 chair. Part 1: Determination of dimensions.
UNE-EN 1335-2:2019	Office furniture. Office chair. Parte 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.



Awards

