

Forma 5

TECHNICAL FEATURES

**SINGULAR**

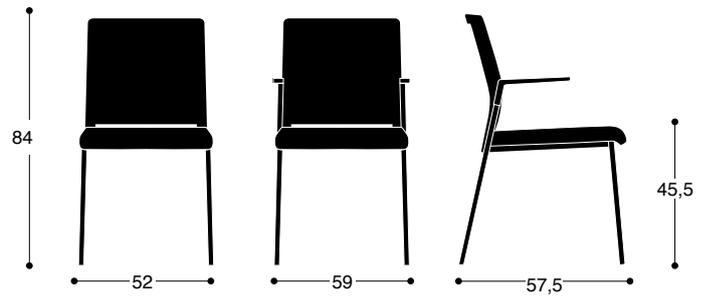


# TECHNICAL FEATURES



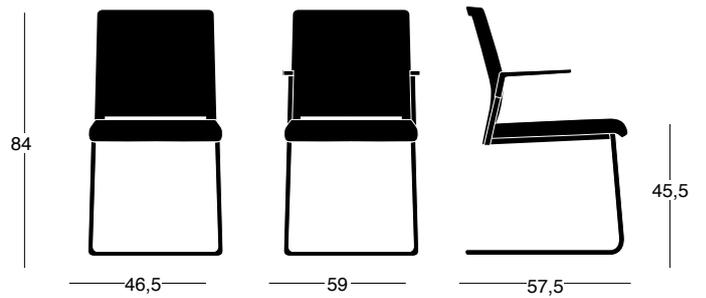
**4 LEGGED**

Height	84 cm
Seat height	45,5 cm
Width (without arms/ with arms)	52 / 59 cm
Depth	57,5 cm
Fabric meters	0,6 / 1,4 m
Weight (without arms/ with arms)	4,15



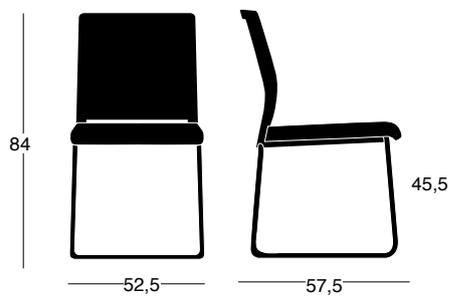
**CANTILEVER**

Height	84 cm
Seat height	45,5 cm
Width (without arms/ with arms)	46,5 / 59 cm
Depth	57,5 cm
Fabric meters	0,6 / 1,4 m
Weight (without arms/ with arms)	4,15 kg



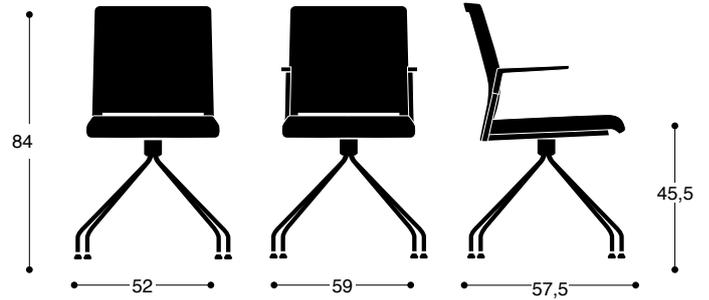
**FIXED SLED BASE**

Height	84 cm
Seat height	45,5 cm
Width (without arms/ with arms)	52
Depth	57,5 cm
Fabric meters	0,6 / 1,4 m
Weight (without arms/ with arms)	8,34



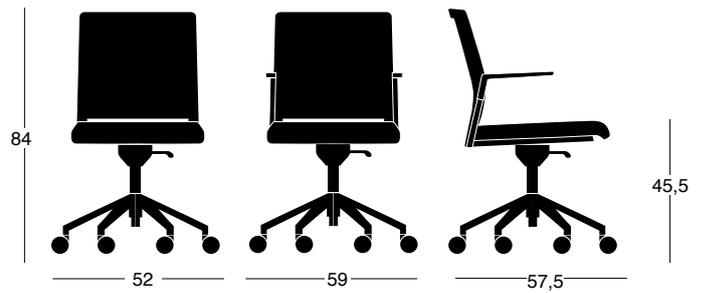
**FIXED 4-SPOKE BASE**

Height	<b>84 cm</b>
Seat height	<b>45,5 cm</b>
Width (without arms/ with arms)	<b>52 / 59 cm</b>
Depth	<b>57,5 cm</b>
Fabric meters	<b>0,6/ 1,4 m</b>
Weight (without arms/ with arms)	<b>7,69 / 8,13 kg</b>



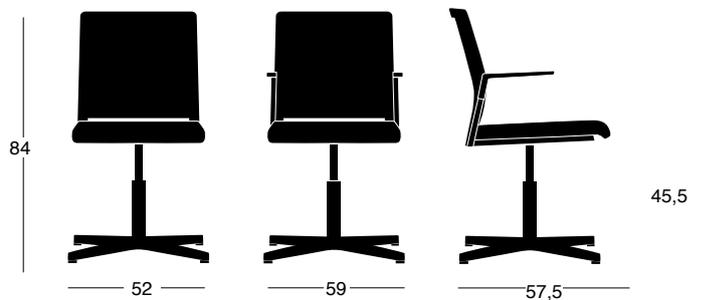
**SPOKE SWIVEL BASE AND GAS-PISTON MECHANISM**

Height	<b>84 cm</b>
Seat height	<b>45,5 cm</b>
Width (without arms/ with arms)	<b>52 / 59 cm</b>
Depth	<b>57,5 cm</b>
Fabric meters	<b>0,6 m</b>
Weight (without arms/ with arms)	<b>8,34</b>



**SWIVEL CHAIR WITH SELF-CENTRING PISTON**

Height	<b>84 cm</b>
Seat height	<b>45,5 cm</b>
Width (without arms/ with arms)	<b>52 / 59 cm</b>
Depth	<b>57,5 cm</b>
Fabric meters	<b>0,6 m</b>
Weight (without arms/ with arms)	<b>8,34 / 8,78 kg</b>



# DESCRIPTION OF THE ELEMENTS

## BACKREST AND SEAT

**MESH BACKREST:** 460 mm high, 13 mm thick and 450 mm wide rectangular polyamide frame, reinforced with fiber glass. The mesh (Web, Meci) is reinforced with polyamide threads.

**UPHOLSTERED BACKREST:** 5 mm thick polypropylene structure, reinforced with some nerves. 30 mm thick and 60 kg/m<sup>3</sup> density injected polypropylene foam. Upholstered with plateband around the perimeter. (fabric group 1-5, leather or 3D Mesh)

**SEAT:** 44 mm thick polypropylene base with ribs for reinforcement. High-density polyurethane foam (40 kg/m<sup>3</sup>) for the seat surface and an internal foam (33 kg/m<sup>3</sup> density) for the seat bottom. The upholstery hides the lower tubes of the frame, finishing the chair at the bottom.



## STRUCTURES



**4 LEGGED:** structure made of 18 mm diameter steel tubing, 2 mm thick, painted with 100 micron micro-textured epoxy paint. Floor support: 8 mm high rounded tips with a black finish. Structure stackable in 5 units without a stacking trolley. Curved legs allow for the installation of four 65 mm diameter casters. The tubes extend upwards into chairs with arms that end with polypropylene armrests.

**FIXED SLED BASE:** a solid 11 mm diameter rod frame is curved so that the floor supports are shaped like a sled runner. One on each side of the chair. Floor support with four semi-transparent polypropylene end caps. Painted in micro-textured epoxy.



**CANTILEVER:** a tubular steel frame with a double "S" shape provides a cushioning effect on the seat. It is constructed from a 25 x 2.5 mm round tube (3 units stackable horizontally). Supported on the floor are four non-slip polypropylene end caps, or without end caps. The tubes extend upwards in chairs with arms that end in polypropylene armrests.

**FIXED 4-SPOKE BASE:** consisting of four 18 mm diameter, 2 mm thick steel tubes that extend from a plate located at the bottom of the monocoque and open out to provide proper support. Painted in 100 micron micro-textured epoxy paint. Round, 8 mm high, black end caps are also available. Wheels are also available, allowing the installation of four 65 mm diameter wheels.



**SWIVEL CHAIR WITH SELF-CENTRING PISTON:** flat polished aluminum base with four polypropylene end caps for floor support. The base's arms have a rectangular cross-section. The base's outer diameter is 70 cm. It features a self-centering piston (which returns the chair to its initial position after use).

**SPOKE SWIVEL BASE AND GAS-PISTON MECHANISM:** It features a Star 64 base made of polyamide with an outer radius of 64 cm (available in black or white) and five arms with a rectangular cross-section. The swivel chairs include height adjustment via a gas lift. It is fitted with five Ø 50 mm castors, with optional soft treads, always in the same colour as the base.



## DETAILS



Kompress board writing pad with anti-panic mechanism. Stackable. Silver grey board. Black edge. Junction of the mechanism in silver grey double-layer.



Polyamide frames in black or polar white. Armrests available in black or polar white for chairs with mesh backrest and black, polar white, mouse grey or terracotta for chairs with upholstered backrest.



Ø 50 mm double-wheel casters for five-spoke chairs and Ø 65 mm double-wheels casters for four-legged metal chairs and four-spoke chairs.



Star base made of polyamide. Diameter: 64 cm. Five arms with a trapezoidal cross-section and rounded edges. Available finishes: white or black.



Life Cycle Analysis  
**Serie SINGULAR**



RAW MATERIALS		
Raw Materials	Kg	%
Steel	3,42 Kg	56%
Plastic	2,57 Kg	42%
Tap/Mat.Filling	0,11 Kg	2 %

% Mat. Recycled= 7,46%  
 % Mat. Recyclables= 96%

## Ecodesign

Results reached during the life cycle stages



### MATERIALS

**Wood**  
 70% recycled material and certified with the PEFC/FSC and E1.

**Steel**  
 15%-99% recycled material.

**Aluminium**  
 60% recycled material.

**Plastic**  
 30%-40% recycled material.

**Paintings**  
 Powder painting without COV emissions

**Staff material**  
 Without HCFC and certified by Okotext.

**Upholsteries**  
 Without COV emissions and certified by Okotext.

**Packings**  
 100% recyclable with inks with no solvents.



## PRODUCTION

**Optimization of the use of raw materials**  
Cutting of boards, upholstery and steel pipes.

**Use of renewable energies**  
with reduced CO2 emissions (photovoltaic panels).

**Energy saving measures**  
throughout the production process.

**Reduction of global VOC emissions**  
production processes by 70%.

**Powder coatings**  
93% recovery of undeposited paint.

**Elimination of glues and adhesives in upholstery  
the factory**  
has an internal treatment plant for liquid waste.

**Existence of clean points**  
In the fabric

**100% recycling of waste**  
of the production process and special treatment of hazardous waste.



## TRANSPORT

**Optimization of cardboard use**  
of the packaging.

**Reduced use of cardboard and packaging materials**

**Flat packs and reduced package sizes**  
for space optimization.

**Solid waste compactor**  
which reduces transportation and emissions.

**Volumes and light weights**

**Renewal of transportation fleet**  
with a 28% reduction in fuel consumption.

**Supplier radius reduction**  
Power local market and less pollution due to transportation.



## USE

**Easy maintenance and cleaning**  
solvent-free.

**Form 5 Warranty**

**Highest quality**  
in materials for an average product life of 10 years.

**Optimization of service life**  
of the product by standardized and modular design.

**The boards**  
without emission of E1 particles.



## END OF LIFE

**Easy unpacking**  
for recycling or reuse of components.

**Standardization of parts**  
for reuse.

**Recyclable materials used in products (% recyclability):**  
Aluminum is 100% recyclable.  
Steel is 100% recyclable.  
Wood is 100% recyclable.  
Plastics between 70% and 100% recyclability.

**No air or water contamination**  
in waste disposal.

**Returnable, recyclable and reusable packaging**

**Product recyclability at 63%.**

**DOWNLOAD  
Sustainability Report 2024**

**DOWNLOAD  
Environmental Product  
Declaration**



# FROM OUR SKIN, FOR THE EARTH

“From our skin, for the Earth” is our promise, the way we look at, feel and envisage sustainability.

It means soul and art, intention and action, vision and journey. Acting based on our thoughts and feelings to protect nature, the people who live in it, the time that is left. Learning from the journey, the legacy and the spirit of the south. A deliberate, mindful, authentic spirit.

A message that encourages us to think from our skin, create from truth and produce with dedication, mindful and responsible furniture for a better tomorrow on this planet.

“Desde la piel, para la Tierra” es nuestra promesa, nuestra forma de mirar, de sentir y concebir la sostenibilidad.

Es alma y arte, intención y acción, mirada y camino. Es actuar desde el sentimiento y el pensamiento para proteger la naturaleza, las personas que la habitan, el tiempo que queda por venir. Aprendiendo del camino, del legado y de la esencia del sur. Una esencia pausada, consciente, auténtica.

Un mensaje que nos incita a pensar desde la piel, crear desde la verdad y producir con compromiso, un mobiliario consciente y respetuoso para un mejor mañana en este planeta.

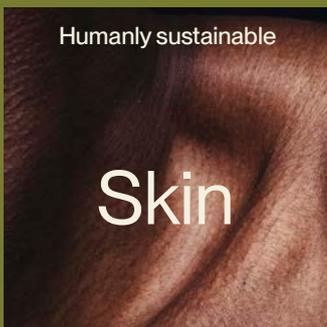
“From our skin, for the Earth” est notre promesse, notre façon de voir, de ressentir et de concevoir le développement durable. C’est une âme et un art, l’intention et l’action, le regard et le chemin. C’est agir à travers le sentiment et la pensée pour protéger la nature, les personnes qui l’habitent, le temps qui reste à venir. Apprendre du chemin, de l’héritage et de l’essence même du sud.

Une essence posée, consciente, authentique. Un message qui nous encourage à penser à travers notre peau, à créer à travers la vérité et à produire de façon engagée, un mobilier conscient et respectueux, pour construire un avenir meilleur sur cette planète.

“From our skin, for the Earth” lautet unser Versprechen. Das ist unsere Art, Nachhaltigkeit sichtbar, spürbar und erlebbar zu machen.

Es ist der Geist und die Kunst, die Absicht und die Handlung, die Betrachtung und der Weg. Es bedeutet, nach Gefühl und Gewissen zu handeln, um die Natur zu schützen, die Menschen, die sie bewohnen, und die Zeit, die noch vor uns liegt. Und dabei vom Weg, dem Erbe und der Essenz des Südens zu lernen. Eine ruhige, bewusste, authentische Essenz.

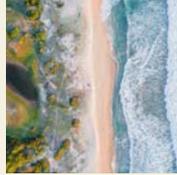
Eine Botschaft, die uns dazu anregt, aus unserer Haut heraus zu denken, aus der Wahrheit heraus zu erschaffen und mit viel Hingabe eine verantwortungsvolle und umweltfreundliche Einrichtung für eine bessere Zukunft auf diesem Planeten zu schaffen.



# SUSTAINABILITY PRODUCT SINGULAR

## ENVIRONMENTAL IMPACT

IMPACTO MEDIOAMBIENTAL  
IMPACT ENVIRONNEMENTAL  
UMWELTAUSWIRKUNGEN



56 % of Singular is made from steel and aluminium, two 100% recyclable materials. Their use significantly reduces the environmental impact and saves energy by opting for recycling instead of mining new raw materials.

El 56% de Singular está compuesto por acero y aluminio, dos materiales 100% reciclables. Su uso reduce significativamente el impacto ambiental y ahorra energía al optar por su reciclaje en lugar de extraer nuevas materias primas.

Le modèle Singular est composé à 56 % d'acier et d'aluminium, deux matériaux 100 % recyclables. Leur utilisation réduit considérablement l'impact sur l'environnement et permet d'économiser de l'énergie en privilégiant le recyclage sur l'extraction de nouvelles matières premières.

Singular besteht zu 56 % aus Stahl und Aluminium, zwei zu 100 % recycelbaren Materialien. Die Verwendung dieser Materialien reduziert die Umweltbelastung erheblich und spart Energie, da sie recycelt werden, anstatt neue Rohstoffe abzubauen.

## DURABLE COMPONENTS

COMPONENTES DURADEROS  
COMPOSANTS DURABLES  
LANGLEBIGE KOMPONENTEN



The design of Singular facilitates the separation of its main materials (steel, plastics, and textiles) at the end of its life cycle. This promotes resource recovery, aligning the series with the principles of ecodesign and the circular economy.

El diseño de Singular facilita la separación de sus principales materiales (acero, plásticos y textiles) al final de su vida útil. Esto favorece la recuperación de recursos, alineando la serie en los principios del ecodiseño y la economía circular.

Le design de Singular facilite la séparation de ses principaux matériaux (acier, plastiques et textiles) en fin de vie. Cela favorise la récupération des ressources, en alignant la série avec les principes de l'écoconception et de l'économie circulaire.

Das Design von Singular erleichtert die Trennung seiner Hauptmaterialien (Stahl, Kunststoffe und Textilien) am Ende der Lebensdauer. Dies begünstigt die Rückgewinnung von Ressourcen und orientiert sich an den Prinzipien des Ökodesigns und der Kreislaufwirtschaft.

## SUSTAINABLE BY DESIGN

SOSTENIBLE DESDE SU DISEÑO  
DURABLE DÈS LA CONCEPTION  
NACHHALTIG DURCH DESIGN



Singular reinterprets the Plural series with a sustainable approach: lighter, more efficient components, reduced raw material consumption, and a design that ensures the quality and performance of this new generation of visitor chairs by Forma 5.

Singular reinterpreta la serie Plural con un enfoque sostenible: componentes más ligeros y eficientes, menor consumo de materias primas y un diseño garantiza la calidad y el rendimiento de esta nueva generación de sillas confidentes de Forma 5.

Singular réinterprète la série Plural avec une approche durable : des composants plus légers et efficaces, une consommation réduite de matières premières, et un design qui garantit la qualité et la performance de cette nouvelle génération de chaises visiteurs de Forma 5.

Singular interpretiert die Serie Plural mit einem nachhaltigen Ansatz neu: leichtere, effizientere Komponenten, geringerer Rohstoffverbrauch und ein Design, das die Qualität und Leistung dieser neuen Generation von Besucherstühlen von Forma 5 gewährleistet.

## EMISSION-FREE UPHOLSTERY

TAPIZADOS SIN EMISIONES  
TISSUS SANS ÉMISSIONS  
EMISSIONSFREIE POLSTERUNG



The upholstery materials used in our products are Oeko-Tex certified, ensuring they are free from harmful substances. They do not emit volatile organic compounds (VOCs) and contain no hydrochlorofluorocarbons (HCFCs), contributing to a healthier indoor environment that is environmentally friendly and safe for both users and manufacturing personnel.

Los materiales de tapicería utilizados en nuestros productos cuentan con la certificación Oeko-Tex, lo que garantiza que están libres de sustancias nocivas. Además, no emiten compuestos orgánicos volátiles (COVs) ni contienen hidroclorofluorocarbonos (HCFC), lo que contribuye a un entorno interior más saludable, respetuoso con el medio ambiente y seguro para los usuarios y el personal de fabricación.

Les tissus utilisés pour la tapisserie de nos produits sont certifiés Oeko-Tex, garantissant l'absence de substances nocives. Ils n'émettent aucun composé organique volatil (COV) et ne contiennent pas d'hydrochlorofluorocarbones (HCFC), ce qui contribue à un environnement intérieur plus sain, respectueux de l'environnement et sûr pour les utilisateurs ainsi que pour le personnel de fabrication.

Die in unseren Produkten verwendeten Polstermaterialien sind Oeko-Tex-zertifiziert und frei von schädlichen Substanzen. Sie geben keine flüchtigen organischen Verbindungen (VOCs) ab und enthalten keine Fluorchlorkohlenwasserstoffe (HCFCs), was zu einer gesünderen Innenraumumgebung beiträgt, die sowohl umweltfreundlich als auch sicher für Nutzer und Produktionsmitarbeiter ist.

# CHAIR MAINTENANCE AND CLEANING GUIDE

LINES FOR A CORRECT CHAIR CLEANING AND MAINTENANCE, CONSIDERING THE DIFFERENT MATERIALS:

## FABRICS

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- 1 Vacuum often.
- 2 Rub the dirty spot with a wet cloth with PH neutral soap. Test first on a hidden spot.
- 3 Dry foam for carpets can be alternatively used.

## PLASTIC PIECES

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Rub the dirty spots with a wet cloth with PH neutral soap.

Do not use abrasive products in any case.

## METAL PIECES

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- 1 Rub the dirty spots with a wet cloth with PH neutral soap.
- 2 Polished aluminium pieces can have their polish bak by covering and rubbing them with a dry cottom cloth.

Developped by JOSEP LLUSCÀ

