



40 years of outstanding
sun protection

TOSCANA
by IASO



PERGOLAS

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FOUR

DECADES

Our journey began in 1984, in the world of solar protection. Awnings, parasols and pergolas were the first products we marketed at **IASO** and with which we consolidated our position as one of the most representative brands on the Iberian Peninsula.

Subsequently, specialisation in outdoor textile solutions allowed us to expand our business lines with swimming pools and textile architecture, progressively expanding our reach, carrying out projects in more than 36 countries.

In 2024 we will celebrate **40 years** as an international benchmark in textile solar protection.







OUR IDENTITY

Today, our path leads us to reinvent ourselves, applying new techniques and methodologies to adapt to the needs of our customers and offer products at the forefront of the market that are more respectful of the planet.

SUSTAINABILITY

Commitment to the preservation and well-being of the environment, incorporating circular economy systems into our processes, as well as recyclable materials.

QUALITY AND INNOVATION

Constant search for improvement and optimisation of products and processes through research with our R+D+R team.

HUMAN FACTOR

We focus on and for people.

We accompany and advise our customers from the beginning, following the execution of projects and after-sales service.



PERGOSTAR Plus

The perfect harmony between **elegance** and **functionality**.

Pergostar Plus is the ultimate in retractable pergolas. The taut, straight-design canvas imprints our commitment to innovation and style.

The strength of **Pergostar Plus** defies the most rigorous weather conditions, performing exceptionally well in winds of up to **80 km/h**. Its meticulously engineered channel beam offers not only strength, but also the ability to handle large volumes of water.

Our Pergostar Plus is a versatile choice for any environment thanks to its **Mini, Basic and Mega** presentations.



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PERGOSTAR Horizontal



Imposing, clean and minimalist design.

The solid posts of the Pergostar Horizontal offer a sturdy support, carefully designed to resist the weight of the wide perimeter frame. The pergola is made of thick aluminium profiles, which subtly conceal the structure's mechanisms.

The retractable roof of the **Pergostar Horizontal** has large-gauge blades, delicately curved to direct the flow of water into the side channels, integrated within the perimeter frame. This detail provides functionality and gives the ensemble an elegant aesthetic touch.

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PERGOLAM Lite

Ease of installation for user autonomy.

Pergolam Lite is a carefully designed pergola that stands out for its high standards of **quality and resistance**. Conceived for direct installation by the customer under the **Do It Yourself (D.I.Y.)** philosophy, this bioclimatic pergola is distinguished by an innovative construction mechanism.

It also permits the incorporation of Daylight slats, a revolutionary transparent polycarbonate complement that allows natural light to be enjoyed during daylight hours.

It includes a smooth and efficient motorised opening and closing system. The maximum opening angle is up to 150 degrees, allowing full adaptation to weather conditions.

Pergolam Lite is particularly easy to assemble, a feature that simplifies the installation process, even for the user himself!



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PERGOLAM

Pergolam is a bioclimatic pergola built entirely from aluminium profiles. Its 27 cm wide slats allow light and breeze to pass through, creating an environment integrated with the exterior. The pivoting system, adaptable in stages of 0°, 50°, 100° and 150°, provides precise control over the opening, while when closed, it does so hermetically, blocking out light and water completely.

Pergolam's engineering excels in the assembly of its components using a sophisticated system of connections. These connections use stainless steel parts, high-strength nylon and aluminium profiles specifically designed to hide any visible screws or wires. This meticulousness not only contributes to the aesthetics, but also guarantees **exceptional resistance** to climatic changes and winds of up to **100 km/h**.

In addition, the pergola proves its robustness by withstanding a load of up to 50 cm of fresh snow at its maximum extension.



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SELENE

When elegance and finish are the priority, the **Selene** pergola stands out as a stylish option. With a custom-made mobile cover system for protection against sun, rain or wind, it has a **slim yet lightweight design** that does not compromise on structural strength. It is weatherproof and can withstand winds up to level 11 on the Beaufort scale depending on measurements.

Selene can incorporate a **wide variety of accessories** and complements that allow it to adapt to the needs of each project, such as remote control operation, LED lighting on the perimeter, poles and pillars, and the incorporation of enclosures, among others.

Selene can include a front curtain with its winding tube fully integrated into the front crossbar.

And its configuration also allows it to adapt to different spaces, with presentations between walls, front posts, self-supporting and self-supporting gable.



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PERGOGIRALDA

Pergogiralda is a **simple, eye-catching model** that provides subtle sun protection. Its structure with aluminium pillars and profiles supports a fabric shade system that provides sun protection in an original and eye-catching way.

The fabric, available in different colours and materials, takes the form of waves to offer a **relaxed, natural and pleasant atmosphere**.

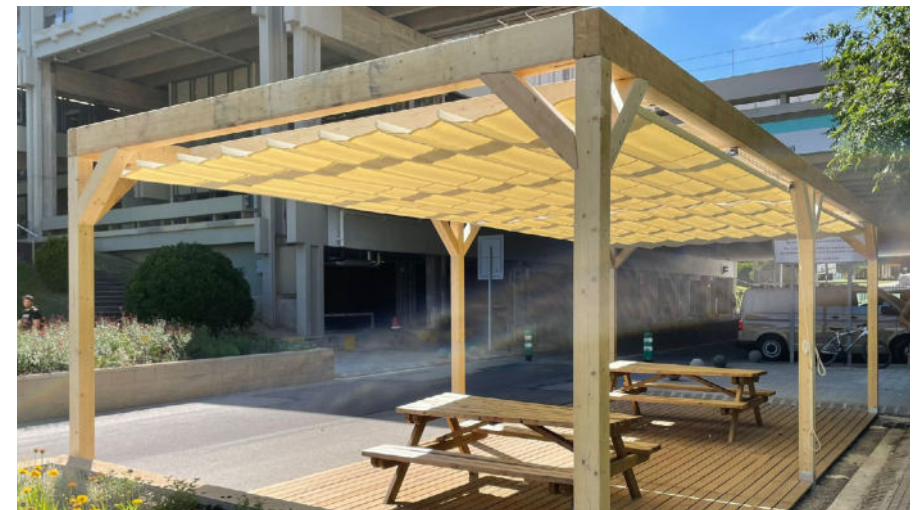
Pergogiralda fits perfectly into any space, offering the possibility of installation between walls, with two pillars supported by a wall or self-supporting with 4 pillars, in addition to its convenient manual opening system, by means of pulleys.

Pergogiralda is available in LT and XL versions, reaching from 2.5 to 7 metres of line per individual module.



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TOSCANA DYNAMIC is a powerful SMART HUB developed to extend the user experience, giving you control of multiple functions on your mobile device.

Total control of all TOSCANA pergolas at your fingertips.

STANDARD COMMAND AND CONTROL DEVICES

The pergola can be controlled via:



APP TOSCANA DYNAMIC

Our App is available in Google Playstore and Appstore for Android and IOS devices, offering a user-friendly handling of the multiple options it offers.



GOOGLE HOME AND ALEXA ASSISTANTS

Control the pergola through voice commands using Google Home and Amazon Alexa assistants.



REMOTE CONTROL

In the event of a power failure, the pergola can be controlled via the remote control. This remote control can also be used on a daily basis if you do not want to use the app or voice commands.



OTHER HOME AUTOMATION SYSTEMS

The Toscana Dynamic Smart Hub can be connected to any other home automation system available on the market, making it a Universal Smart Hub.



WEB (QR)

It works to have full control of the pergola without the need to download the App on your mobile device or computer, allowing anyone with a mobile device to close, open the pergola, turn on, turn off and dim the lighting. This option can be equipped with a password system to guarantee security.



OPTIONAL COMMAND AND CONTROL DEVICES

The pergola can be controlled by means of:

PUSH-BUTTON CONTROL

In the event of a mains and radio frequency failure, there is the option of connecting a push button to open and close the pergola.

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for more information



The functionalities and components of TOSCANA DYNAMIC include:



LIGHTING CONTROL



**CONFIGURATION OF
CUSTOMISED SCENARIOS**



SMOKE DETECTOR



**INFRARED
SIGNAL RECEIVER**



TRANSMISSION SENSOR



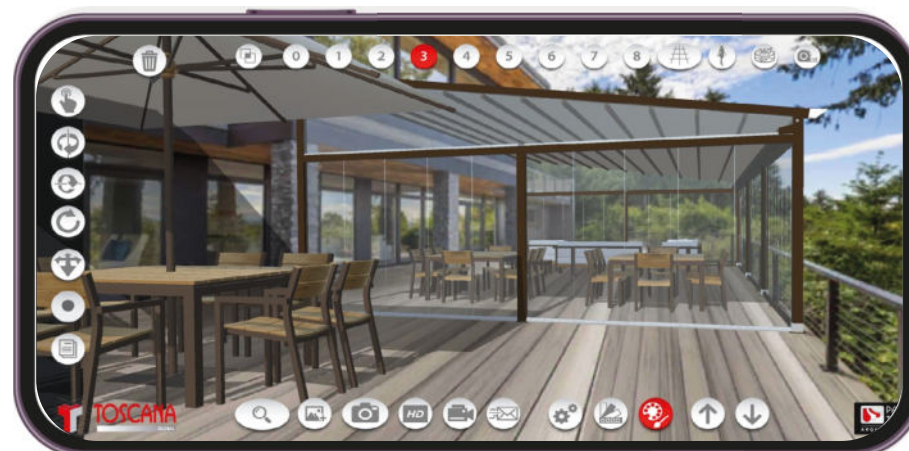
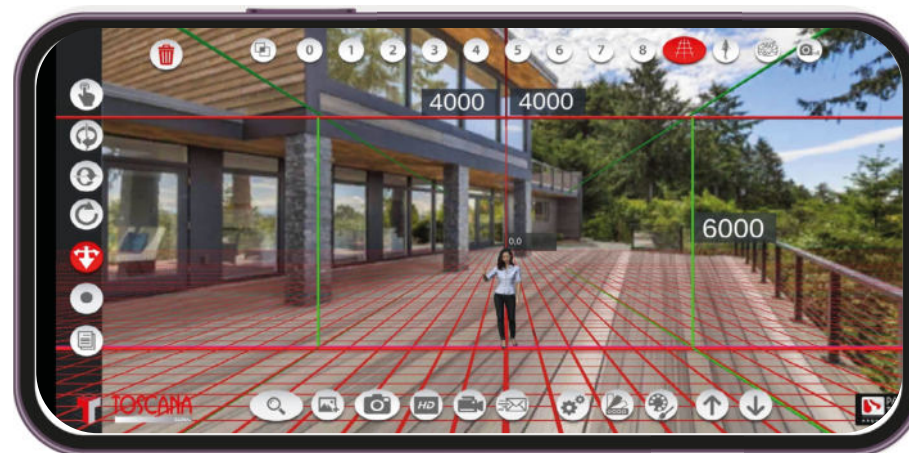
**INDOOR
TEMPERATURE SENSOR**



**WEATHER STATION
AND SNOW SENSOR**



It is an application that allows the 3D visualisation of any product, whether fixed or moving, on the façade or space that the client wishes. With this tool, you can instantly show through photos or videos how the product would look in the desired space.



With our APP Toscana Analyse, we can design and calculate in minutes an ideal structure with the wind and snow loads desired by the client, and it will automatically indicate the technical specifications of the reinforced concrete base to anchor the poles to the ground.



10:44 41%

POSTES	CHECKS	99	35	36	1.76	580
TENSOR	N/A	-	-	-	-	-
CERRAMIENTO	N/A	0	-	-	-	-

Configuración Tipo de Riel: Poste - Tensor:

Unidades **Metrico** **RESET**

ZAPATAS Tipo de suelo **Suelo mala calidad (8Ton/m2)**

H (cm)	A (cm)	a (cm)	H' (cm)	Und A' (cm)	Und d (cm)	h (cm)
80	49	7	66	11	35	11 48 48

Diagramas de la estructura de zapatas y postes.

H (cm)	A (cm)	a (cm)	H' (cm)	Und A' (cm)	Und d (cm)	h (cm)
80	49	7	66	11	35	11 48 48

Diagrama de la estructura de zapatas y postes.

10:43 41%

g.toscanagroup.com.co

Tipo de Riel **Perfil NewBar** Configuración **Con Postes**

Con Postes **Poste New Bi** Tipo de Palillas **Palilla Peque**

Cerramiento **No** Estado **Abierto**

Proyección(m) **7** Pendiente **15 %**

Altura (m) **2.7** Numero de Segmentos **3**

Distancia entre rieles (m) **4.5** Distancia entre palillas (m) **600mm**

Coefficiente de Viento **1.3** Coeficiente Carga Activa **1.2**

Velocidad de Viento **72km/h**

Profundidad Nieve **0cm**

Carga Activa **0kg/m2**

	CHECK	MAX VIENTO km/h	MAX NIEVE cm	CARGA ACTIVA kg/m2	DEFLEC. cm	REACC. kg
RIEL	CHECKS	74	23	24	3.18	580
PALILLAS	CHECKS	119	45	48	1.21	126
POSTES	CHECKS	99	35	36	1.76	580
TENSOR	N/A	-	-	-	-	-
CERRAMIENTO	N/A	0	-	-	-	-

Configuración Tipo de Riel: Poste - Tensor:



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