

COLECCION  
2025

 TOSCANA  
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 **TOSCANA**  
GLOBAL



# INDEX

## TOSCANA GLOBAL

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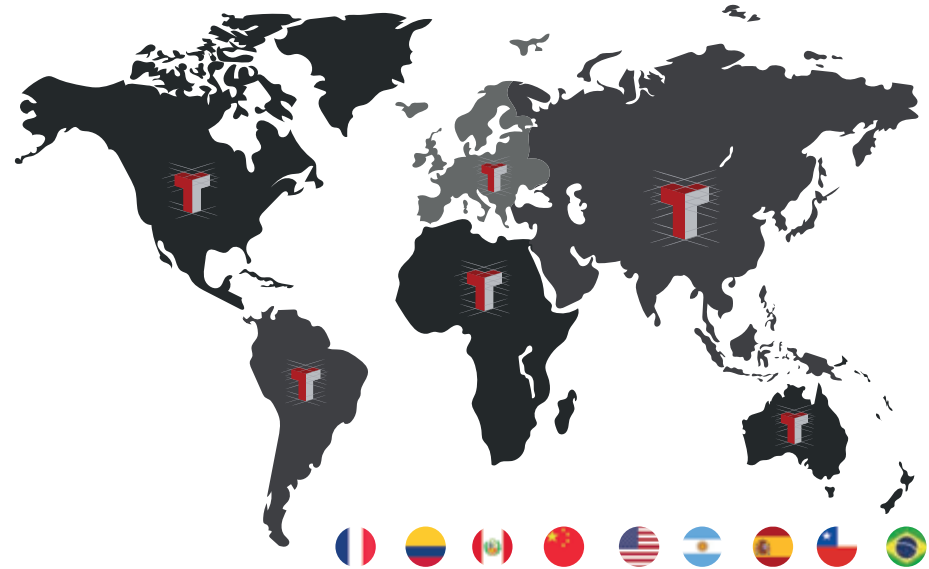
## TOSCANASOFT

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MICHEL DELCOURT - FOUNDER & CEO TOSCANA GLOBAL



## WE ARE LEADERS IN DESIGN, DEVELOPMENT, AND INNOVATION

We are a leading company in the field of technological development applied to various products, such as retractable covers and enclosures for outdoor spaces, as well as technological solutions like software and applications designed for structural calculations, production, sales, 3D simulations, and augmented reality, among other innovative services. We take pride in offering the most comprehensive portfolio of products and solutions available on the market.

We operate across a wide range of regions with modern production plants located in various parts of the world:

- North American Market: With production plants in the United States and Mexico.
- South American Market: With production plants in countries such as Colombia, Argentina, Chile, and Brazil.
- European Market: With production plants in France and Spain.
- Asian Market: With production plants in China.

Our global presence enables us to provide high-quality solutions with international reach in the retractable covering and enclosure sector for outdoor spaces.

## MICHEL DELCOURT

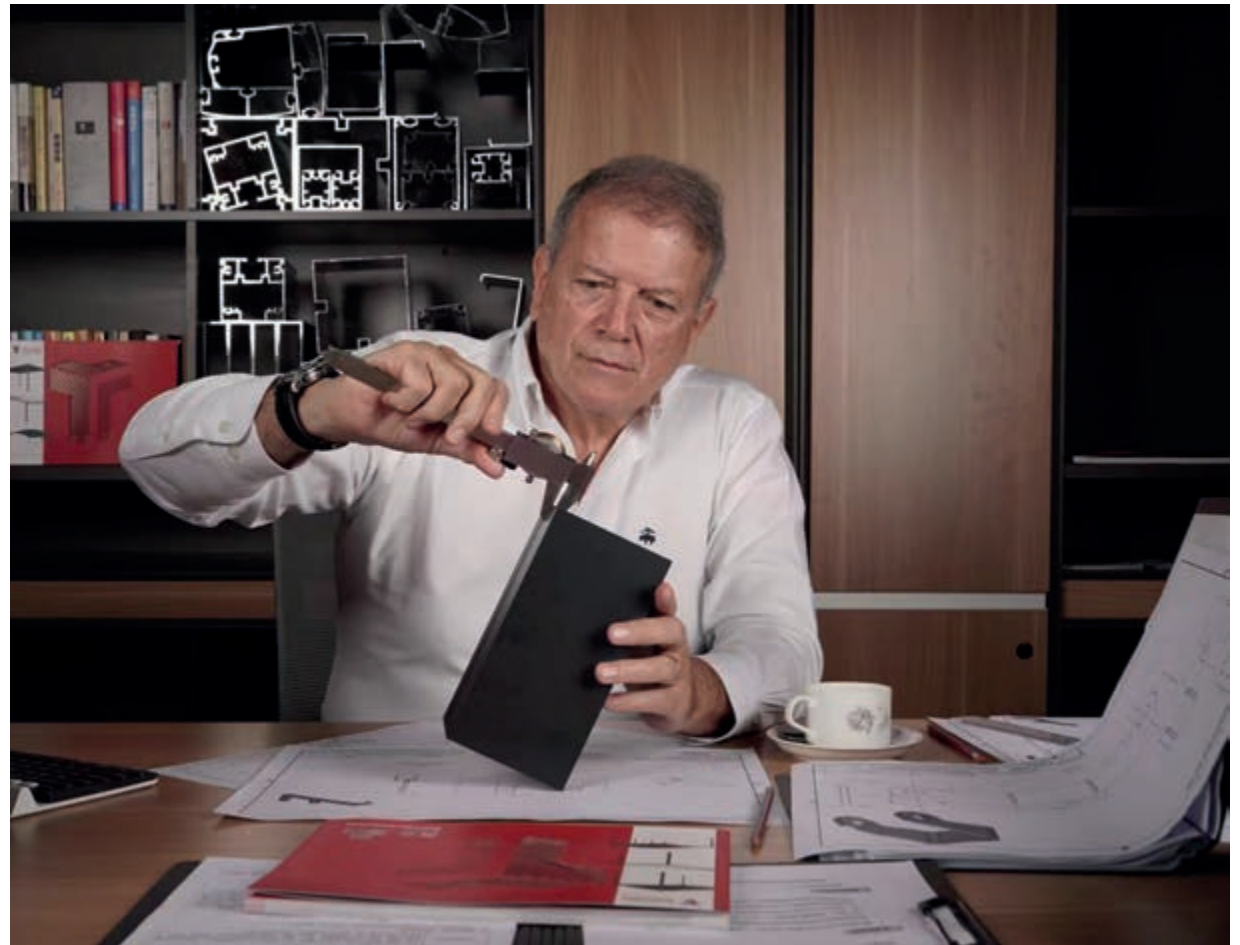
In 1982, 41 years ago, a 25-year-old young man arrived in Colombia from the beautiful French island of Martinique with a dream in his heart: to create a roll-up awning company in this wonderful country. After exploring several Colombian cities, he found his home in Cali, largely due to his passion for windsurfing and his love for adventure at sea.

It was here in Cali where life had an even greater surprise in store for him. Just a few months after settling in, he met Esmeralda, a charming young woman from Cali. Fate had grand plans for them, as they not only built a strong family together, with three wonderful children: Michel, Daniel, and Steven, but also created a solid work team, all committed to the company's vision.

In the northern part of Cali, they rented a modest house that would become the first headquarters of their entrepreneurial dream. With a small team of six people, Michel embarked on the exciting adventure of bringing awnings across the country, a product that was virtually unknown in Colombia at the time.

Despite facing challenges such as changes in government policies and the closure of imports, Michel didn't give up. Instead, he adapted and began developing all the components locally, from profiles to casting parts and canvas. This unexpected situation led the company to diversify, expanding into the creation of outdoor furniture and architectural membranes, where they quickly became market leaders.

In 2015, Michel decided to embark on a new journey, this time in the exciting world of pergolas. Despite the initial challenges in sourcing components abroad, Michel and his team



decided to step up and develop their own pergolas. What began as an adventure turned into a great success, positioning Toscana not only as a pioneer in Colombia but as an internationally recognized brand in countries such as Argentina, Chile, Panama, China, the United States, Mexico, France, and Spain, where they have established product integration plants. After months of hard work and strategic partnerships, Toscana managed to develop a high-quality market and create exclusive software that has revolutionized the pergola industry.

Today, Toscana Global has integration plants on five

continents and produces components in various countries. What makes this even more special is that the company has built a strong family of partners worldwide, sharing experiences and knowledge through Toscana Global. This spirit of collaboration has allowed its global expansion and continued success in the industry.



We have a distribution and prefabrication center for standard products located in the city of Guangzhou, China. Our facilities include a 10,000 m<sup>2</sup> prefabrication plant and a logistics warehouse of the same size. This allows us to guarantee quick deliveries of our standard products, such as the Pergolam Lite, which is prefabricated and ready for installation. Additionally, our logistics center can consolidate all product components upon request.

In our production, we utilize cutting-edge technology, including CNC machines, to ensure the quality of our products. Furthermore, we have extensive experience in logistics, backed by our successful global exports.

Toscana China operates throughout the Asian market, as well as in the markets of Australia and New Zealand.







Our plant is strategically located in Cali, Colombia, and consists of three specialized buildings serving different functions. The first building, with a surface area of 5,000 square meters, is dedicated to manufacturing. The second building, covering 6,500 square meters, operates as a logistics center, and the third, with 450 square meters, houses our World Experience Center. In Colombia, our project development team has the capacity to design, calculate, and execute coverage projects in any country across the Americas.

We maintain extensive inventories of profiles and have vast experience in this field, allowing us to meet any request related to retractable structures. Additionally, we have an integrated powder electrostatic painting system capable of painting profi-

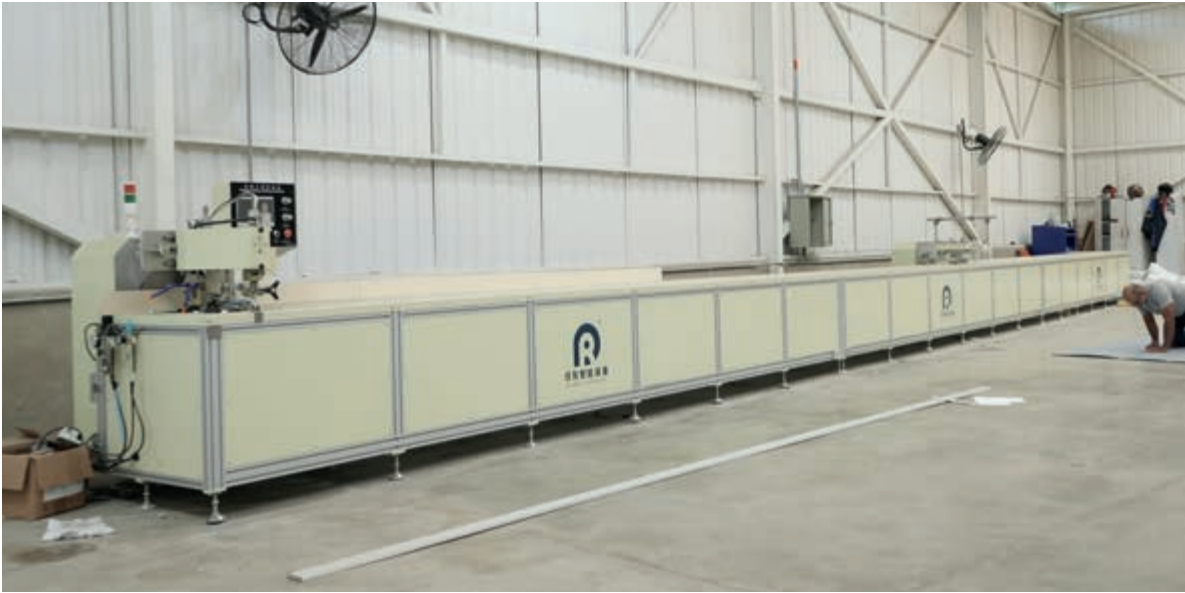
les up to 12 meters in length. Colombia has the advantage of having ports on both the Atlantic (Cartagena) and Pacific (Buenaventura) coasts, facilitating the exchange of raw materials and finished products throughout the Americas. Our executives are bilingual in Spanish and English, with some also fluent in French. Moreover, our logistics department has extensive experience in global imports and exports.

With over 40 years of experience in large-scale retractable roofing installations, we are industry leaders.













## MAIN WORK TEAM

**DANIEL DELCOURT**  
CSO TOSCANA GLOBAL

**MICHEL DELCOURT**  
CEO TOSCANA GLOBAL

**JOSE D. MALDONADO**  
CEO TOSCANASOFT

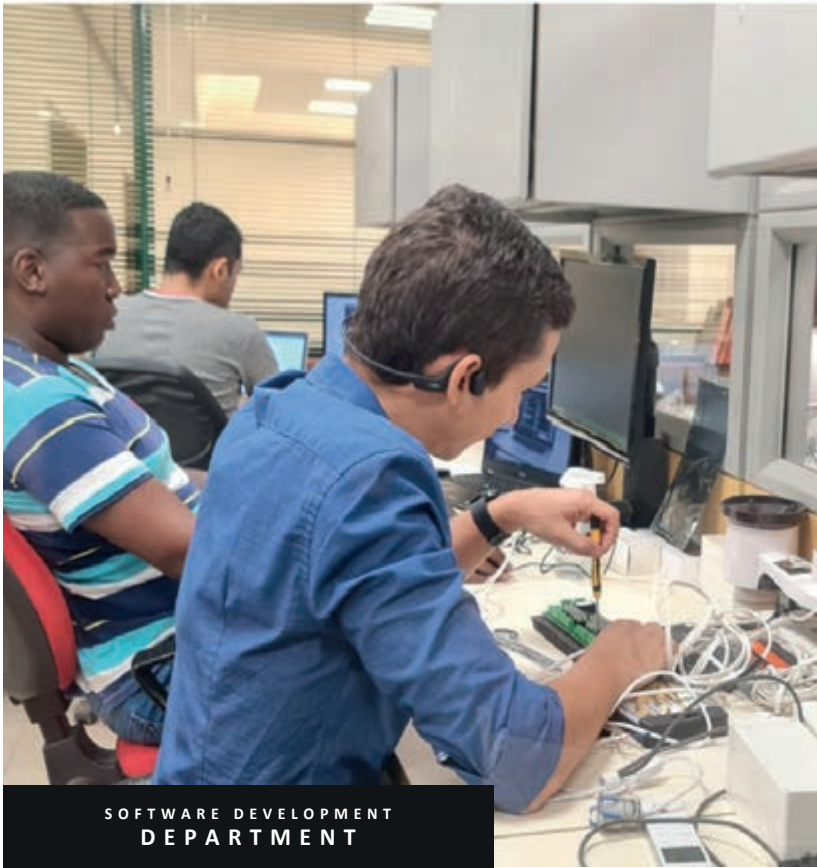
**MICHEL DELCOURT**  
FOUNDER & DESIGNER OF  
TOSCANA GLOBAL

**JOSE F. MARMOLEJO**  
CPO TOSCANA GLOBAL

**DIEGO NUÑEZ**  
CCO TOSCANA GLOBAL

**STEVEN DELCOURT**  
COO TOSCANA GLOBAL







COLOMBIA



Pergostar Classic is an elegantly designed retractable pergola featuring a taut canvas with a straight structure and a 15% incline. The canvas is secured using a system of aluminum profiles known as "slats," which move smoothly along the rails during operation, driven by specially designed

carriages. For this application, we have implemented a transmission system powered by a specialized electric motor. Our pergola is robust and can withstand winds of up to 80 km/h at full extension, provided the recommended snow load is not exceeded. If you require even greater resistance, we can customize the structure to withstand extreme weather conditions. Your satisfaction

and peace of mind are our top priorities.

FOR MORE INFORMATION  
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USA



COLOMBIA



COLOMBIA



COLOMBIA



Welcome to the world of Pergostar Plus, the ultimate expression of retractable pergolas. Like its counterpart, Pergostar Classic, this pergola is a masterpiece that seamlessly blends elegance and functionality. The taut, straight-designed canvas is a testament to our constant pursuit of innovation and style.

Now, let's talk about durability. Pergostar is built to withstand the most challenging weather conditions, standing strong against winds up to 80 km/h (always considering snow load limitations). Additionally, its channel beam has been meticulously designed to manage large volumes of water, offering exceptional versatility by also serving as a rail for post movement.

Elevate your outdoor space to a level of unparalleled distinction with Pergostar Plus. Experience the perfect fusion of form and function in your own environment today.



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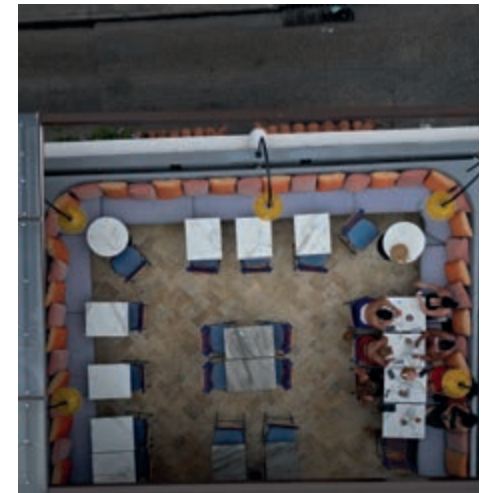
ANGUILA





Pergostar Romano is a flat pergola made entirely from aluminum profiles. Its assembly is carried out using an advanced connection system that employs stainless steel components, high-strength nylon, and specially designed aluminum profiles. Thanks to this innovative design, no screws or cables are visible in its structure. Additionally, this pergola has been carefully designed to function with a 0-degree slope in its structure.

FOR MORE INFORMATION  
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COLOMBIA



COLOMBIA





Pergostar Deco is a flat pergola constructed entirely from aluminum profiles. All components are joined through an advanced connection system using stainless steel components, high-strength nylon, and specially designed aluminum profiles, ensuring that no screws or cables are visible in its structure. This pergola is designed to function with a 0-degree slope in its structure.

Thanks to its three different fabric design options, it can efficiently drain rainwater laterally, making it an excellent choice when installation height is limited. It offers great resistance to adverse weather conditions and can withstand winds of up to 80 km/h. As its name suggests, it allows for the lateral concealment of fabric forms in wavy or tensioned patterns from our Pergostar Romano curved and tensioned models, providing the option to incorporate any type of decorative or advertising panels along the perimeter, in materials such as glass, polycarbonate, metal, membranes, etc. This system can be installed in either single or double module versions.

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This pergola is supported by robust posts designed to bear the weight of the large perimeter frame, constructed with high-profile aluminum sections. These profiles are essential to conceal all the mechanisms and part of the structure, resulting in an impressive, clean, and minimalist design. The retractable roof of the pergola is made with heavy-gauge slats, slightly curved to guide water flow into the side gutters located within the perimeter frame.

FOR MORE INFORMATION  
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**PERGODOM**  
Classic

\*\*Pergodom\*\* is a combination of a pergola and a retractable awning, which becomes taut when fully opened. The fabric is attached to a system of transverse aluminum slats that move along curved tracks with specially designed carriages. It operates with an electric motor specifically engineered for this product, ensuring its ability to withstand harsh weather conditions and winds of up to 80 km/h (snow load resistance is not guaranteed).

FOR MORE INFORMATION  
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CHINA



TRINIDAD AND TOBAGO



Here's the translation:

**\*\*Pergodom Plus\*\***, like its sibling Pergodom Classic, is a retractable pergola that becomes taut when fully extended. The fabric is attached to a system of transversal aluminum slats, which move along curved rails via specially designed carriages. It operates with an electric motor specifically designed for this product, ensuring resistance to severe weather changes and winds of up to 80 km/h (snow load resistance not guaranteed).

This product can withstand extreme weather conditions and winds of up to 80 km/h (not guaranteed for snow overload).

It features a gutter beam designed to handle large water flows and can also be used as a rail to move the posts along it.



FOR MORE INFORMATION  
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ARGENTINA





Pergolam Lite is a product specially designed with the highest standards of quality and durability, intended for direct installation by our "D.I.Y." (Do It Yourself) customers. Its construction system has enabled the development of a bioclimatic pergola that is very easy to install, featuring a 100% manual opening system operated with a simple crank, providing a maximum opening angle of up to 120 degrees.



FOR MORE INFORMATION  
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COLOMBIA



 **PERGOLAM**  
Maxi

Pergolam Maxi is a bioclimatic pergola built entirely with aluminum profiles. Thanks to its 27 cm wide slats, it allows the passage of light and breeze when opened, creating a greater sense of openness. It features a continuous or stepped rotation system at 0°, 50°, 100°, and 150°, and when closed, it becomes completely airtight, preventing light and water from passing through.

The assembly of all its components is done through a sophisticated connection system using stainless steel parts, high-strength nylon, and specially designed aluminum profiles, ensuring that no screws or cables are visible. It guarantees high resistance to extreme weather changes and winds up to 100 km/h. Additionally, it can support the weight of a 50 cm layer of fresh snow at its maximum extension. To maintain the warranty, this snow must be removed, or the Pergolam must be equipped with a heating system to melt the snow, preventing accumulation and freezing, which would significantly increase its weight.

FOR MORE INFORMATION  
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SPAIN



CHINA





Introducing Pergolam Mega, a cutting-edge bioclimatic pergola built entirely with aluminum profiles. Its design features 38 cm wide slats that, when opened, allow light and breeze to pass through, creating a unique sense of openness. Pergolam Mega offers versatile adjustment options with continuous or stepped rotation at 0°, 50°, 100°, and 135°. When closed, it ensures a complete airtight seal, preventing light and water from entering.

The assembly engineering of Pergolam Mega is impressive, utilizing a sophisticated connection system with stainless steel parts, high-strength nylon, and specially designed aluminum profiles to conceal any screws or cables from view.

This pergola is designed to withstand extreme weather conditions, including winds of up to 200 km/h and snow loads of up to 50 cm in height at its maximum extension. To maintain the warranty, any snow accumulation must be removed while fresh, or, alternatively, it can be equipped with a heating system to prevent snow accumulation and freezing. Pergolam Mega stands for exceptional durability and functionality.

FOR MORE INFORMATION  
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USA







It is an anodized aluminum structure, ideal for outdoor use. It is available in two materials: acrylic or vinyl fabric, both designed to create folds that function as water channels in the event of rain. One of its most notable advantages is its lightweight nature, which facilitates installation in various applications.

The fabric is secured through a system of transverse profiles equipped with specially designed carts. These carts glide smoothly along the guide systems located within the external profiles, allowing horizontal movement via a manual pulley and rope system. This versatility makes it an adaptable solution for multiple needs.

FOR MORE INFORMATION  
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Pergoflex Electric is an anodized aluminum structure designed for outdoor use. It is made with acrylic or vinyl fabric that creates folds, providing a water channeling function in rainy conditions. One of its advantages is the lightweight structure, which makes it easy to install in various applications. The fabric is secured to a system of transverse profiles with specially designed carts that slide along guide systems within the external profiles, allowing horizontal movement. It can withstand strong winds of up to 50 km/h.

FOR MORE INFORMATION  
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COLOMBIA



31



36



It is an innovative structural metal system made from 1/4-inch thick aluminum profiles with a 6063-T6 alloy, featuring industrialized mechanical assembly similar to a meccano set. The system is available in a variety of standard configurations, assembling the profiles with internal connections in hot-dip galvanized steel. It can be installed as a self-supporting structure, wall-mounted, or suspended using tensioners on the facade.

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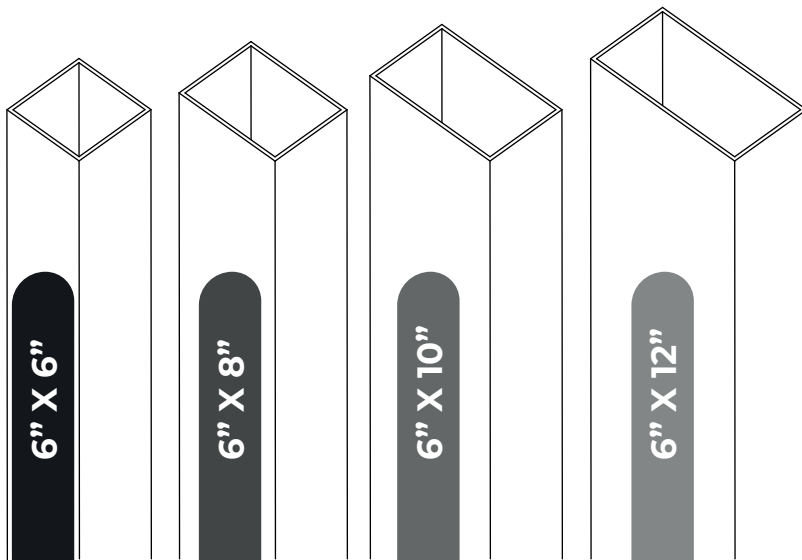


## MAIN FEATURES

- The structure is manufactured using high-strength aluminum profiles with a 6063 T6 alloy.
- It features an electrostatic powder coating finish, available in a wide range of colors.
- Assembly is achieved through hot-dip galvanized steel connection pieces, designed to withstand exposure to the elements and high-salinity environments.



## MAIN PROFILES





## ADVANTAGES

The system also allows for the creation of customized projects that ensure strength, quality, and safety. This product is rigorously calculated according to manufacturing standards in a controlled industrial environment, offering significant advantages:

- 1) Rapid assembly.
- 2) Delivery times reduced to one-third compared to traditional construction.
- 3) Ease of transporting modules.
- 4) Effective rainwater drainage.
- 5) Adaptability to different uses and multiple configuration possibilities in the grouping of structural components and connections.
- 6) Optimal finish of the construction system, with no visible nuts, using only countersunk stainless steel screws. The connections are protected by the same profiles in which they are inserted, and the components are hot-dip galvanized, ensuring resistance to corrosion in saline environments..









**TOSCANA**  
STRUCTURE



**PERGOSTAR**  
Romano



## **T** FLEXI

It is an exterior rolling shutter with manual operation, which can also be motorized with remote control. It is custom-made according to the desired dimensions, offering a high-specification product. The structure is made of anodized or electrostatically painted aluminum, and the cover

can be acrylic fabric, textile mesh, transparent PVC, translucent PVC, or opaque fabric.

FOR MORE INFORMATION  
SCAN THE QR CODE





## FLEXIBOX

It is an exterior rolling shutter that can be operated manually with a crank or motorized with remote control. It features a protective casing for both the fabric and the internal mechanism. This product is custom-made according to the desired specifications, offering high-quality performance. The structure is made of anodized or electrostatically painted aluminum, and the cover can be acrylic fabric, textile mesh, transparent PVC, translucent PVC, or opaque fabric. Upon request, it can be manufactured in various colors and there is the option to print your brand on it.

FOR MORE INFORMATION  
SCAN THE QR CODE





## FLEXIZIPP

It is an exterior rolling shutter that can be operated manually with a crank or motorized with remote control. It features a protective casing for both the fabric and the internal mechanism. This product is custom-made to the desired specifications, offering high-quality performance. The structure is made of anodized or electrostatically painted aluminum, and the cover can be acrylic fabric, textile mesh, transparent PVC, translucent PVC, or opaque fabric. Upon request, it can be manufactured in various colors, and there is an option to print your brand on it. The Flexizipp is equipped with side seals to ensure the space remains temperature-stable and airtight.

FOR MORE INFORMATION  
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The high-end retractable pergola with laminated glass (4 mm x 4 mm) combines elegance and functionality to create a sophisticated outdoor space adaptable to any climate. Its robust structure is made from high-quality aluminum profiles, ensuring durability, corrosion resistance, and a modern design.

Equipped with a dual transmission electric motorization system, this pergola allows for easy control of the laminated glass roof's opening and closing, providing protection from rain or allowing you to enjoy a clear sky when desired. Additionally, it features an integrated retractable fabric pergola beneath the glass, specifically designed to control temperature and reduce heat impact from the sun, creating a cool and comfortable environment at all times.

This system can be integrated with home automation and become intelligent thanks to its sophisticated sensors, allowing you to control the pergola from your smartphone or voice assistants, adapting automatically based on weather conditions or personal preferences. With this retractable glass and fabric pergola, you will have a versatile,

elegant, and always comfortable outdoor living space.

FOR MORE INFORMATION  
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The high-end fixed pergola with laminated glass (4 mm x 4 mm) combines design and technology to create a sophisticated and livable outdoor space. With an aluminum structure available in either sloped or horizontal formats, it provides climate protection while allowing natural light to enter. To manage the temperature beneath the glass, it features an integrated retractable fabric, operated by a dual transmission electric motor. Home automation enables smart system management, offering both comfort and functionality. Ideal for those seeking an elegant and adaptable environment throughout the year.



The high-end retractable pergola with tensioned fabric panels is the perfect solution for creating elegant and functional outdoor spaces. Constructed with an aluminum profile structure, this pergola offers exceptional durability and a modern design that suits any environment.

The tensioned fabric system, powered by a dual transmission electric motor, allows you to easily open or close the roof, providing protection from the sun or rain as needed. With home automation, you can control its operation from your smartphone or voice assistants, adjusting the opening comfortably and personalized.

This system combines advanced technology with premium design to provide a versatile, livable space ideal for enjoying the outdoors with complete comfort and style.



FOR MORE INFORMATION  
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## **PERGOSLIDE** Insulado

The Pergoslide retractable pergola with 3" thick insulated panels, made from expanded polyethylene sandwiched between 0.8mm thick aluminum sheets, is a high-end option designed to provide maximum thermal and acoustic insulation, offering comfort in outdoor spaces. Its structure is constructed from high-strength aluminum profiles, ensuring durability and a modern design.

The dual transmission motorized system allows the pergola to open and close with ease, providing protection against the elements or allowing you to enjoy the outdoors as you prefer. Additionally, the pergola is automated, allowing you to control it remotely from a mobile device or voice assistants, adjusting its operation comfortably and personally.

With this retractable pergola, you get an efficient, technological, and elegant solution for creating livable and adaptable outdoor environments year-round.

FOR MORE INFORMATION  
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## SLIDINGGLASS

This perimeter enclosure, made from tempered or laminated glass, can be opened and closed, allowing you to transform an outdoor space into an indoor area and vice versa. It features a modular structure system that can be expanded to accommodate additional tracks and sliding glass panels that move along anodized aluminum rails. It is particularly recommended for dividing spaces in homes, businesses, restaurants, retail stores, and outdoor areas.

FOR MORE INFORMATION  
SCAN THE QR CODE





## FLEXIGLASS

This is an innovative frameless glass enclosure system with panels that slide smoothly along high-density polymer rails, allowing them to stack neatly at one end of the system. Unlike roller-based systems, it operates via sliding, resulting in virtually zero maintenance as its components experience minimal wear with daily use.

FOR MORE INFORMATION  
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# T SLIDING SCREEN

This innovative proposal presents a perimeter solution in the form of an enclosure, characterized by its simplicity and robustness. It consists of 20 mm panels made from aluminum frames that are discreetly assembled without visible screws. These panels frame various types of blinds, which can be movable or fixed and may include textiles such as mosquito nets or solar projection meshes. The system operates by sliding the panels

longitudinally along aluminum rails. This sliding action allows the transformation of an exterior space into an interior one and vice versa. A notable feature is our modular profile system, which facilitates the extension of rails and the addition of more panels according to the required dimensions. This adaptable system can function in wall-to-wall or wall-to-panel configurations.



FOR MORE INFORMATION  
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To ensure functionality, the blinds panels are sliding and move along rails equipped with anodized or painted aluminum profiles. Their implementation is especially recommended for space separation in structures such as pergolas, adapting to both residential and commercial environments, including homes, businesses, restaurants, hotels, and institutional facilities.



# FLEXISCREEN

Our revolutionary proposal offers a perimeter enclosure solution distinguished by its smooth sliding along a rail with two Teflon gliders, ensuring even weight distribution on the ground. After sliding along the rail, the panels fold 90 degrees relative to it. These universal panels, with a thickness of 20 mm, a width of 0.80 m, and a maximum height of 3.00 m, are made from aluminum frames discreetly assembled without visible screws. Additionally, these versatile panels can frame various options for blinds, whether mobile or fixed, and can include mosquito nets or solar protection meshes according to preference.

To ensure optimal operation, the panels slide smoothly along a single rail made of anodized or painted aluminum profiles.



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This solution is particularly recommended for dividing spaces in structures such as pergolas or facades and is perfectly suited for both residential and commercial environments, including homes, businesses, restaurants, hotels, and institutions.

The system operates by longitudinally sliding the panels along the aluminum rail, allowing for a seamless transformation of an outdoor space into an indoor one, and vice versa. A standout feature is the ability to add more panels based on the required dimensions. This versatile system can adapt to configurations ranging from wall-to-wall to wall-to-panel, offering a flexible and customizable solution to meet various needs. Discover how we can maximize the potential of your spaces!



**MOBILE ALUMINUM BLIND  
10 X 2 CM - OPENING 0 - 135 DEGREES**

Our mobile blinds system is a testament to innovation. Its curved slats, made from extruded aluminum, ensure precise closure that provides exceptional protection against sunlight, rain, and wind. Perimeter tolerances of less than 1 mm are virtually invisible to the human eye, creating a highly effective "blackout" screen. When the 10 cm high slats are opened, you can enjoy unobstructed, full visibility.

Before sliding the 20 mm thick panels, which can be up to 3.00 m high and 1.200 m wide, it is essential to ensure they are fully closed and locked. This process is carried out using a sophisticated ratchet mechanism driven by a spring and a stainless steel eccentric shaft. All shafts and fittings are made of stainless steel, with no visible screws, and can be easily disassembled and reassembled. This makes them practical for transportation and storage in case of a hurricane alert, without the need to hire a professional.

### FIXED ALUMINUM BLIND WITH BLADES



Our fixed inclined blind system features curved extruded aluminum blades secured to a U-shaped vertical profile with stainless steel screws for firm stability, even in strong wind conditions. This configuration provides an elegant appearance and excellent protection against sunlight and water due to its angled design. The blades are 8 cm high, making them both stylish and functional.

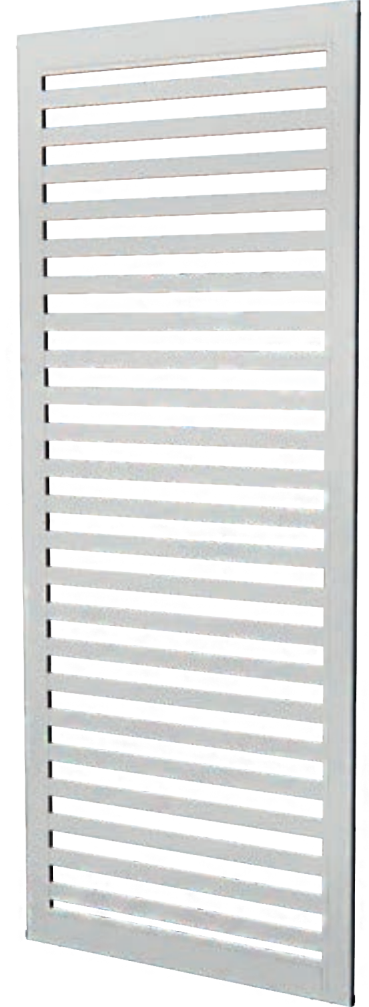
Additionally, our innovative system allows for the installation of a mosquito net if needed. The fixed blind panels are 20 mm thick and can reach up to 3.00 m in height and 1.200 m in width. They are easily removable, transportable, and storable in the event of a hurricane alert, without requiring expert assistance.

### FIXED ALUMINUM BLIND WITH SLATS



Our blind system offers versatility with slats of 8 cm x 2 cm or 6 cm x 2 cm. These slats are made from either extruded aluminum or wood, providing a sleek aesthetic and are securely fastened with a vertical aluminum profile and stainless steel screws. This ensures an impeccable presentation and effective solar and privacy protection. The 8 cm and 6 cm high slats provide both privacy and a warm atmosphere.

Additionally, our innovative system allows for the integration of a mosquito net according to preferences. The movable panels, 20 mm thick, can reach up to 3.00 m in height and 1.200 m in width. They are easily removable, transportable, and storable in case of a hurricane alert, without the need for professional assistance.





**FIXED ALUMINUM BLIND  
WITH LASER-CUT DESIGNS**

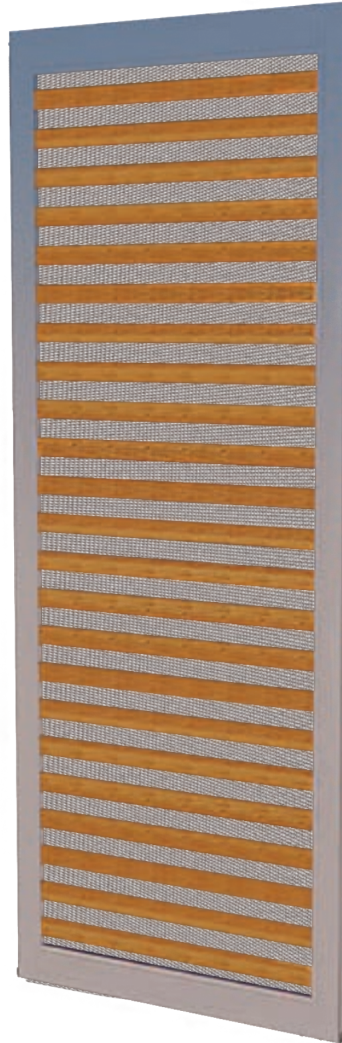
We offer sliding and decorative panels with customized aluminum slats made through laser cutting. These panels provide solar protection and visual privacy. The extruded aluminum slats are secured to the sliding panel frame with stainless steel screws and a vertical aluminum profile, achieving an excellent presentation and a warm, elegant environment with solar protection and privacy. It is also possible to add a mosquito net if required. The slatted panels are movable and have a thickness of 20 mm, with dimensions of up to 3.00 m in height and 1.200 m in width. They are easy to disassemble, transport, and store in case of a hurricane alert, without the need for professional assistance.

### **FIXED ALUMINUM BLIND WITH WOODEN SLATS**



Our blind system offers versatility with slats of 8 cm x 2 cm or 6 cm x 2 cm. These slats are made from extruded aluminum or wood, providing a sleek aesthetic and are securely fixed using a vertical aluminum profile and stainless steel screws. This ensures an impeccable presentation with solar and privacy protection. The 8 cm and 6 cm slats provide privacy and a warm atmosphere.

Additionally, our innovative system allows for the inclusion of a mosquito net as needed. The movable panels, 20 mm thick, can reach up to 3.00 m in height and 1.200 m in width. They are easy to disassemble, transport, and store in case of a hurricane alert, without requiring professional assistance.



### **FIXED ALUMINUM BLIND WITH MOSQUITO NETTING AND SOLAR PROTECTION**

We offer decorative textile panels that combine solar protection with a mosquito net. This net is placed around the sliding aluminum frame using an innovative system with invisible plastic fittings. We also offer the option to print custom designs on the net using digital printing. These decorative panels provide an excellent presentation, creating a warm and exclusive environment while protecting against sunlight and mosquitoes. The textile panels are movable, 20 mm thick, and can reach up to 3.00 m in height and 1.200 m in width. They are easily removable and transportable, making them practical in the event of a hurricane alert without the need for professional assistance.



**\*\*TOSCANA DYNAMIC\*\*** is a powerful SMART HUB specifically designed to enhance user experience by giving control over multiple functions right at your fingertips through your mobile device. Every Toscana pergola worldwide can be controlled via Toscana Dynamic, providing the following functions:

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### STANDARD CONTROL DEVICES

The pergola can be controlled through:



#### TOSCANA DYNAMIC APP

Our App is available on Google Playstore and Appstore for Android and iOS devices, offering a user-friendly management 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 case of an internet failure, the pergola can be controlled via the remote control. Additionally, this control can be used daily if you do not want to use the app or voice commands.



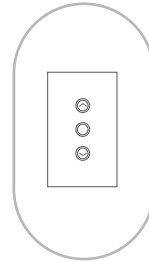
#### OTHER HOME AUTOMATION

The Toscana Dynamic Smart Hub has the possibility of connecting to any other home automation 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 open, close the pergola, turn on, off, and dim the lighting. This option can have a password system for security.



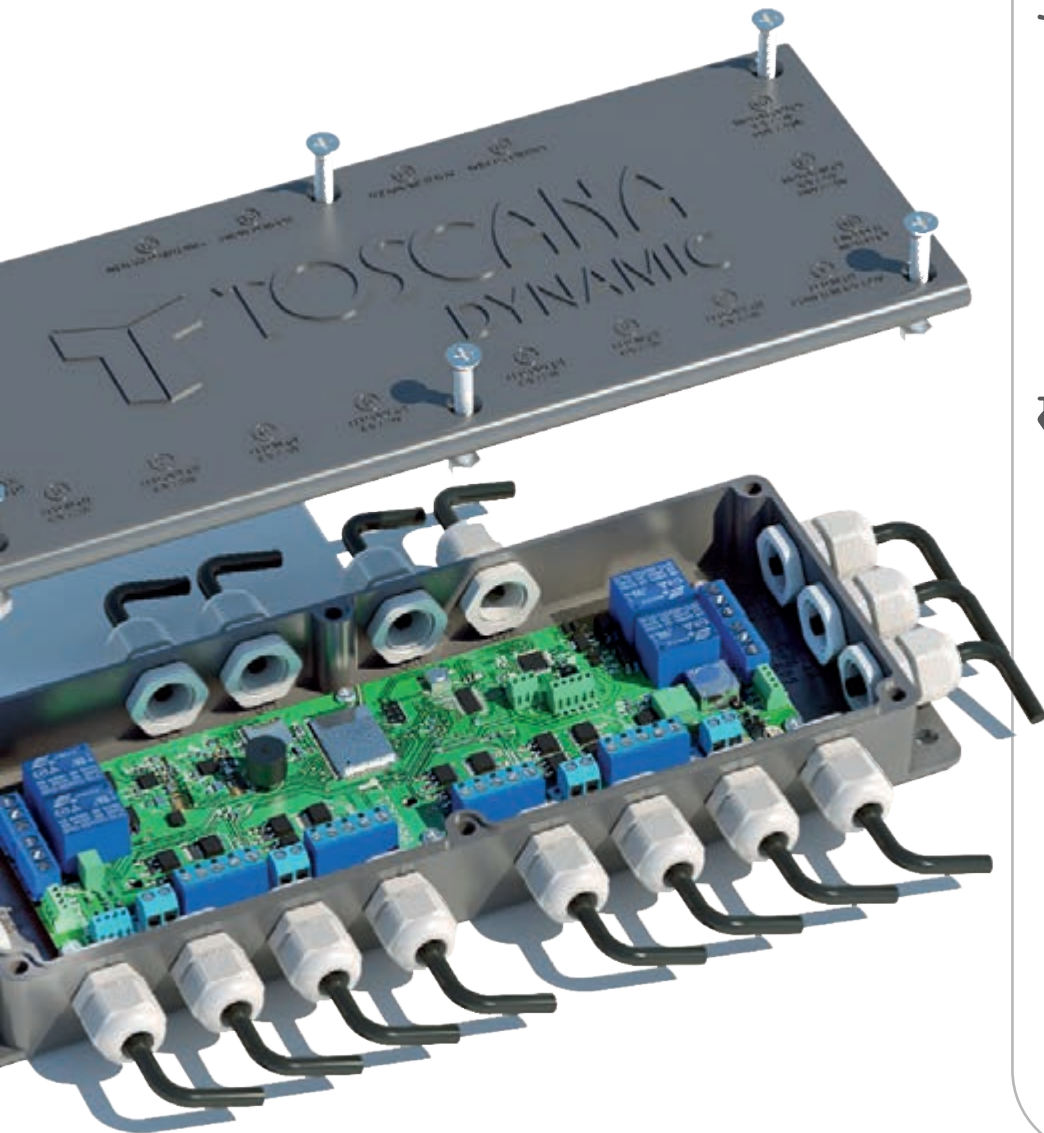
#### OPTIONAL CONTROL DEVICES

The pergola can be controlled through:

##### PUSH-BUTTON CONTROL

In case of an internet and radio frequency failure, there is the option to connect a push-button to open and close the pergola.





### LIGHTING

The device has up to 4 lighting channels, with a maximum of 300 W each at 12 / 24 V, fully independent and manageable through our app or the multi-channel remote control, allowing for the switching on, dimming, and turning off of LED STRIP and SPOT lights. Additionally, it allows you to select the RGB light color.



### SCENES

Create various scenes by combining all the available options on the pergola, defining when and for how long you want them to be activated. With this system, you can precisely program a complete scene that includes the opening or closing of the pergola, the activation or deactivation of the perimeter enclosures, the switching on or off of the lighting, the selection of light color, the pergola's climate control, music playback, and more. Additionally, once the scene time expires, you can configure the final setup of the pergola in all the mentioned aspects.



### VIDEO

You can easily connect any IP video camera and view its feed through our app. Our device will automatically turn on the cameras, allowing you to observe everything happening under the pergola. This camera will be extremely useful in case of technical issues, as it can be accessed remotely with user authorization through the app, enabling a quick diagnosis of the problem.



### INFRARED

Our device is equipped with an infrared antenna that allows you to send the same commands that a remote control would to various devices through our app, such as:

- Televisions
- Sound systems
- Air conditioners
- Heaters

This enables you to control these devices efficiently and conveniently using your smartphone through our app.

### MOTORS

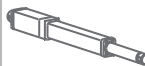
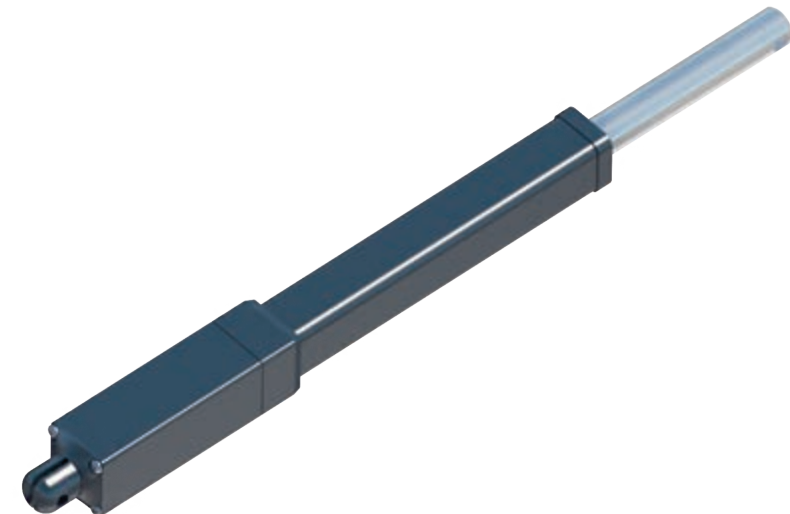
Toscana Dynamic features two powerful motors.

Via cable, it can manage up to two double-transmission motors, working independently on two twin pergolas or simultaneously on a large-area pergola that requires two motors to open and close it. It handles electronic end-of-travel settings at both the start and end, start and end torque, and end-of-travel with torque.

During the opening and closing of the pergola, a torque safety system ensures that the pergola will automatically stop if it encounters an obstacle in its path, such as a tree branch, snow accumulation, hail, or leaves on the cover, thus preventing physical damage to the pergola.

Additionally, Toscana Dynamic is compatible with two piston motors for the Pergolam product, offering the same features as the double-transmission motors in the PergoStar products.

This system also has the capability to operate via radio frequency with up to 15 additional motors, such as those used in perimeter enclosures, further expanding its capabilities and versatility in managing multiple devices.





## STANDARD SENSORS



### - TRANSMISSION SENSOR

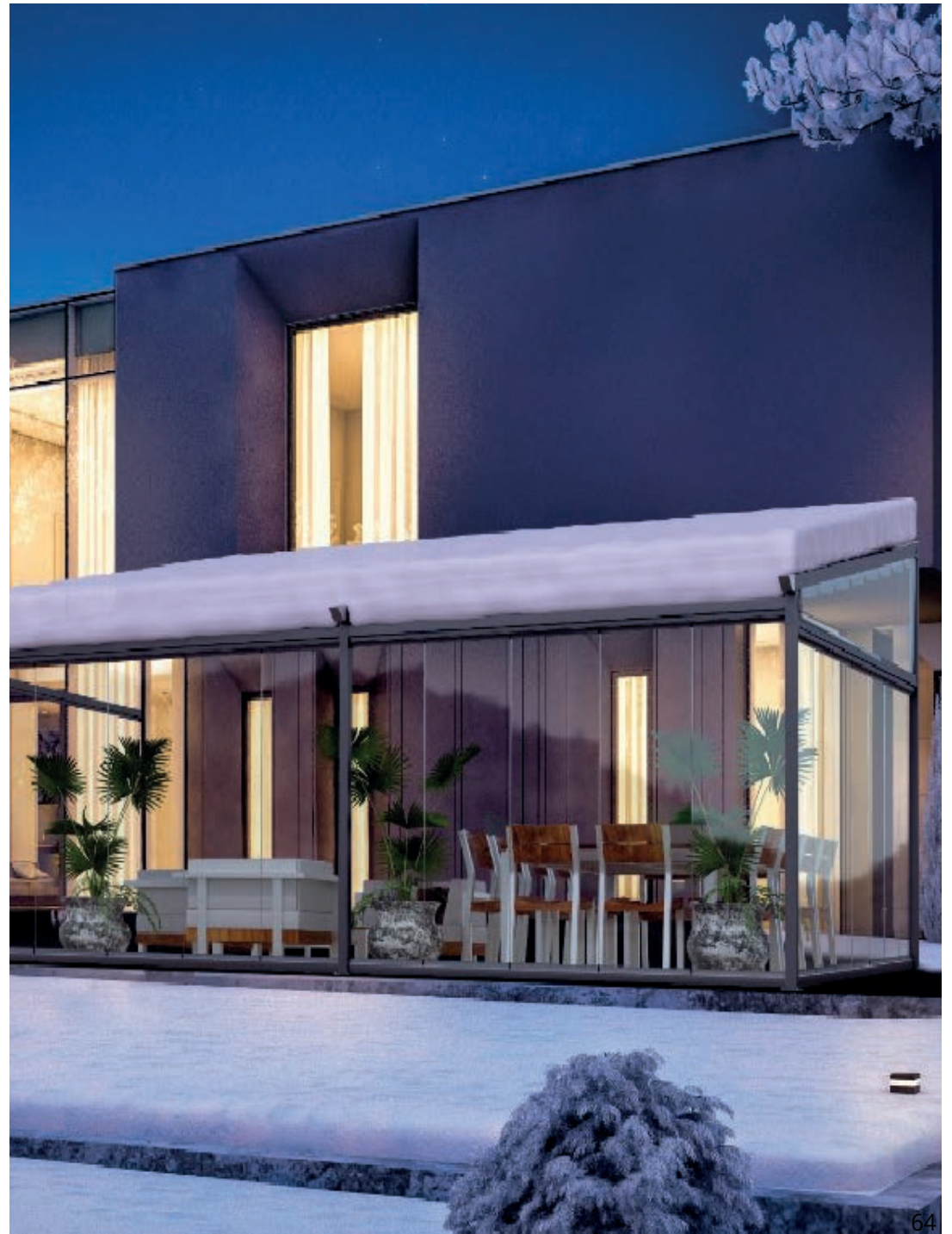
As a safety feature, PergoStar pergolas are equipped with a transmission sensor that detects any anomalies during the use of the pergola. If a belt breaks, a transmission shaft fractures, a transmission tube disconnects, a carriage gets stuck due to the accumulation of salt, sand, or leaves on the rail, or if a motor's transmission is damaged, the motor will automatically shut off to prevent high-cost collateral damage.

### - INDOOR TEMPERATURE SENSOR



The pergola will be equipped with a wired indoor temperature sensor that operates automatically. This sensor will assess whether it is appropriate to open or close the pergola if the temperature drops below 0° C, as freezing of the belts could cause collateral damage not covered by the warranty.

To use the pergola in conditions below 0 degrees Celsius, a climate control system is necessary to prevent freezing of any component of the pergola. The thermometer will ensure that the pergola was used under appropriate temperature conditions.





## OPTIONAL SENSORS

- **WEATHER STATION:** Includes an anemometer, rain gauge, hygrometer, external thermometer, wind direction sensor, and energy supply through a solar panel with a backup battery to ensure continuous operation even in unfavorable weather conditions. As the name suggests, this station can record essential data such as wind direction and speed, precipitation amount, and temperature. All this data can be easily stored and accessed through our control panel in the mobile app. This allows you to determine whether an issue with the pergola was due to proper or improper use. This device will be installed on the building and will transmit information via radio frequency to the SmartHub 24/7.



- **SNOW SENSOR:** Measures the height of snow in millimeters on top of the pergola. Additionally, in the app, you can review the historical record of how long the snow was present and when it fell. It operates via wiring.
- **SMOKE DETECTOR:** An alarm that detects the presence of smoke in the air and emits an acoustic warning signal about the fire danger. It also automatically activates the opening of the pergola and the perimeter enclosures. This system operates via radio frequency (RF) for a quick and effective response to emergency situations.



## OUR INTELLIGENT HUBS



### Pro – Dynamic

- RGB Color Changing in Lighting
- Outputs for 2 Wired Motors
- Outputs for 15 Wireless Motors
- 4 RGB and RGBW Lighting Circuits
- Control via Alexa or Google Home Assistants
- On/Off Control from Remote
- Management through Toscana Dynamic App
- Web Management via QR Code
- Management of Various Sensors
- WiFi Connection
- Scene Creation

### Lite – Dynamic

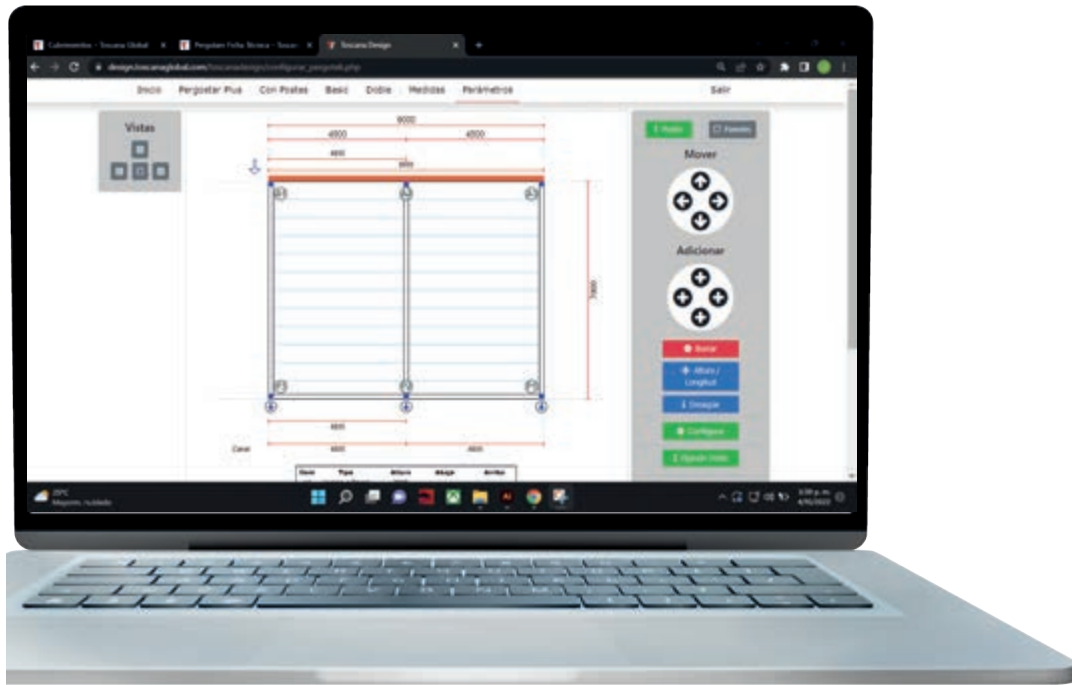
- RGB Color Changing in Lighting
- Output for 1 Wired Motor
- Outputs for 15 Wireless Motors
- 2 RGB and RGBW Lighting Circuits
- Control via Alexa or Google Home Assistants
- On/Off Control from Remote
- Management through Toscana Dynamic App
- Web Management via QR Code
- Management of Various Sensors
- WiFi Connection
- Scene Creation

### Mini – Dynamic

- RGB Color Changing in Lighting
- Output for 1 Wired Motor
- Outputs for 15 Wireless Motors
- 2 RGB and RGBW Lighting Circuits
- Control via Alexa or Google Home Assistants
- On/Off Control from Remote
- Management through Toscana Dynamic App
- Web Management via QR Code
- Management of Various Sensors
- WiFi Connection
- Scene Creation

### Micro Plus – Dynamic

- RGB Color Changing in Lighting
- Dimming
- On/Off Control from Remote
- Connection to Wind Sensor
- Connection to Rain Sensor



The software allows for the easy parameterization of any prefabricated product, resulting in the ability to deliver in seconds: material breakdowns, installation plans, manufacturing plans such as textile and profile cuts, CNC language for assisted production, CNC textile cutting, electrical and lighting plans, and installation plans.

This software enables connection to an ERP system for automatic production order generation by quickly uploading the material lists it provides. It also has the capability to connect to Toscana Gestión to automatically retrieve information about the sold product, such as dimensions, color, types of material, and other parameters entered into Toscana Gestión.

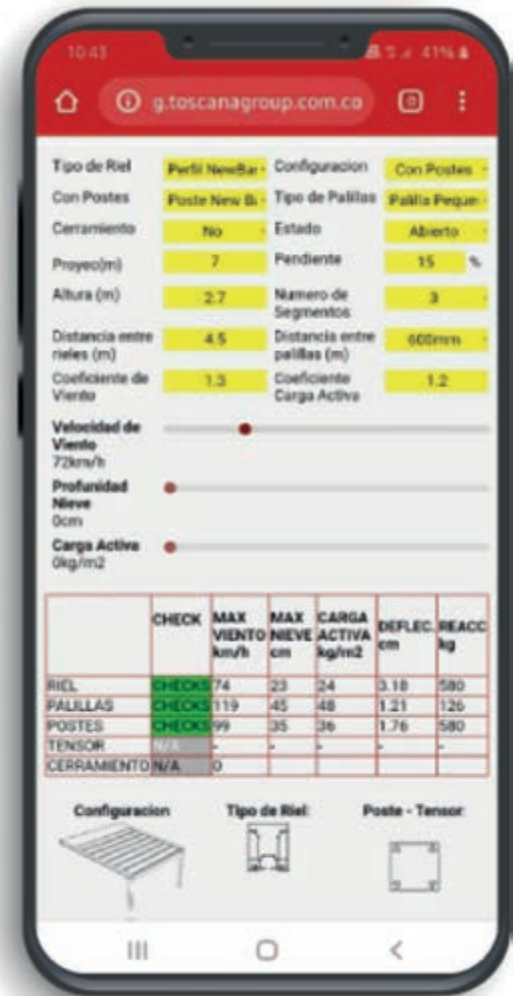
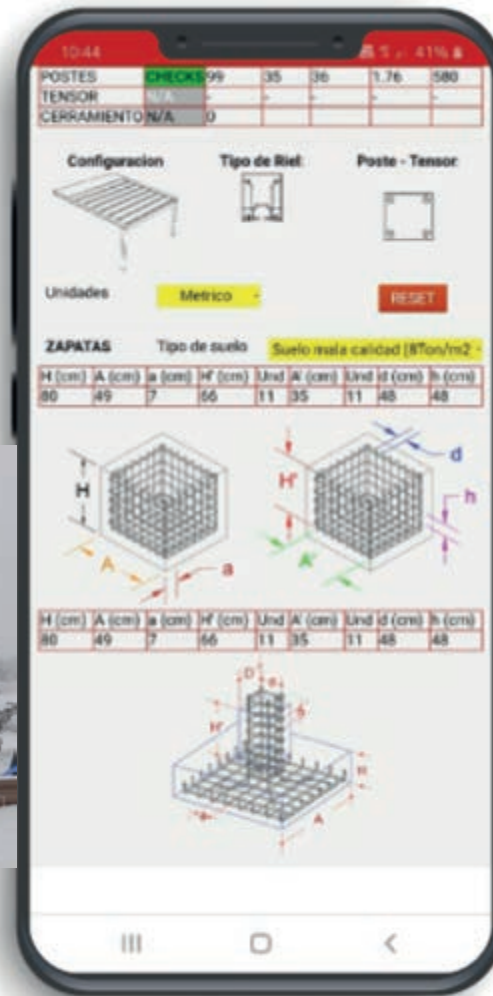


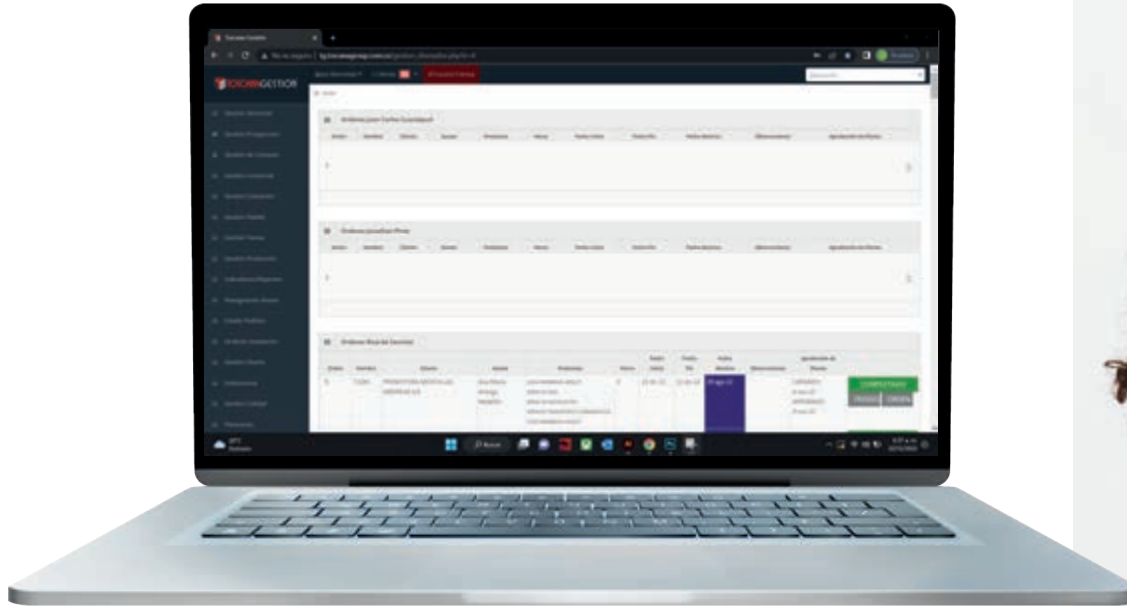


This app has been designed to provide a structural product without errors, allowing the best solution at the best price without needing the expensive services of a structural engineer to configure it, avoiding both over-design and potential product failure.



With our Toscana Analyze app, we can design and calculate an ideal structure in minutes with the desired wind and snow loads specified by the client. It will also automatically provide the technical specifications for the concrete base to be poured to anchor the posts to the ground.



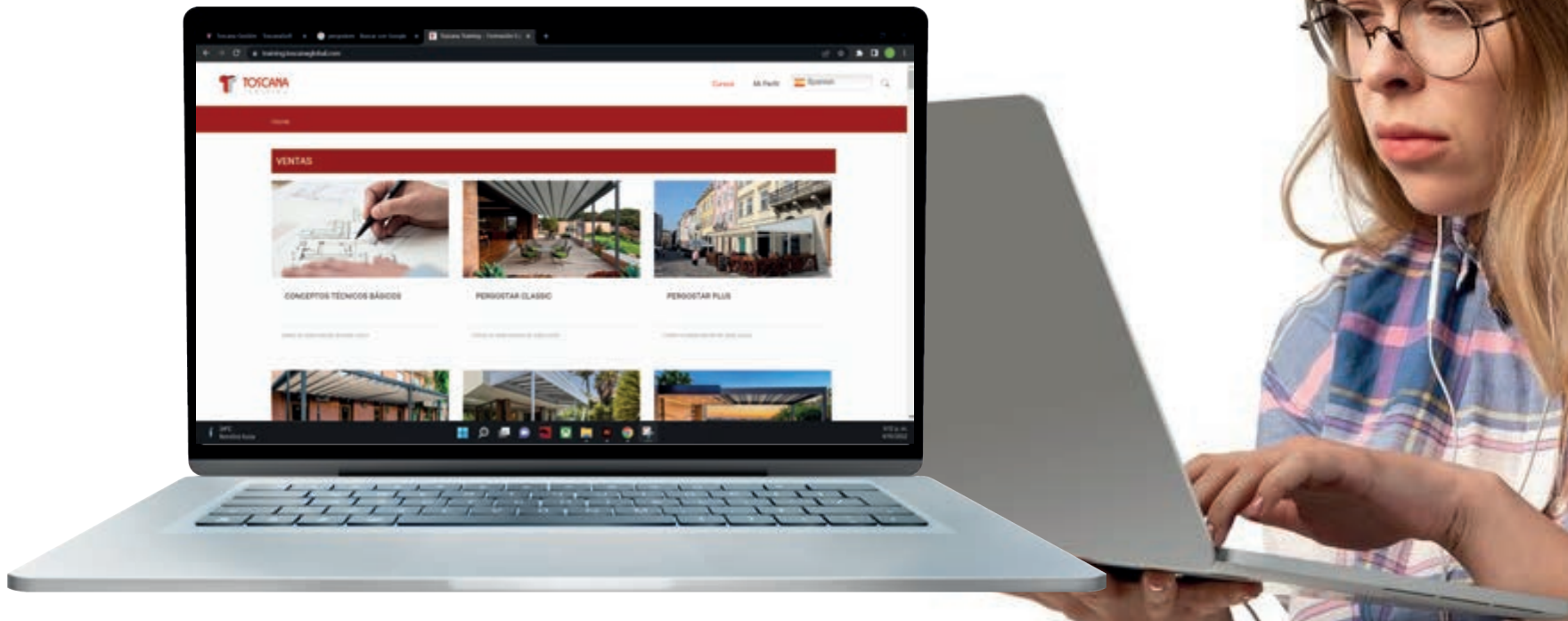


This software has been designed to manage both the technical and commercial aspects of a company. Its powerful engine provides a CRM with a much broader reach than typical software of this kind. It acts as a perfect tracking app for all areas of a company, becoming a commercial tool for quotation and sales order preparation, allowing for exhaustive tracking throughout the entire chain from the beginning of the sale to even the post-sale of the product or service offered by the company.

Each department head can approve or halt

any company process due to missing elements required to perform their job and can assign this stoppage to the responsible party for task assignment and approval of the order. Additionally, the department head has a complete and detailed view of their team, with the software constantly measuring and comparing the effectiveness of each user against timelines and automatic indicators.

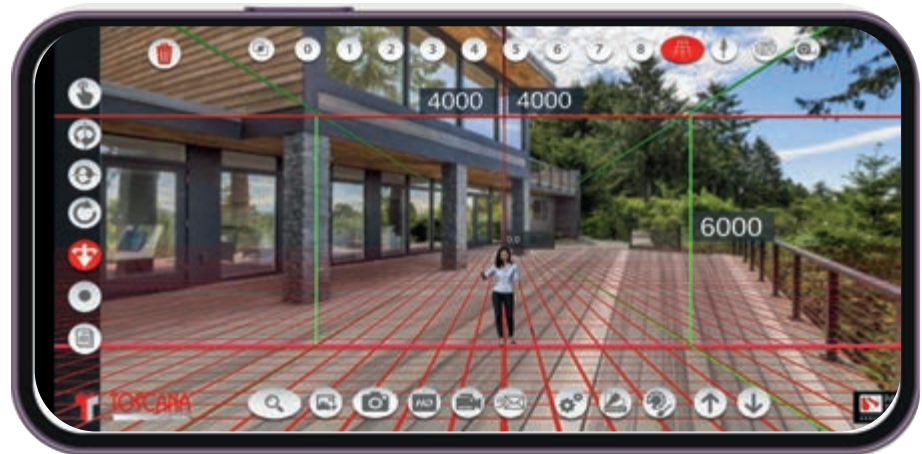




Toscanasoft has developed a platform focused on business and technical training where all company employees can continuously train or update their skills. This allows employers to assess their employees' knowledge levels and certify them through periodic evaluations, which are parameterized through the software and tracked with a score for each participant.

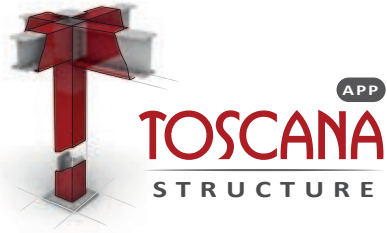


It is an application that allows the 3D visualization of any product, whether fixed or in motion, in the facade or space of the client's choice. With this tool, you can instantly show through photos or videos how the product would look in their desired space.

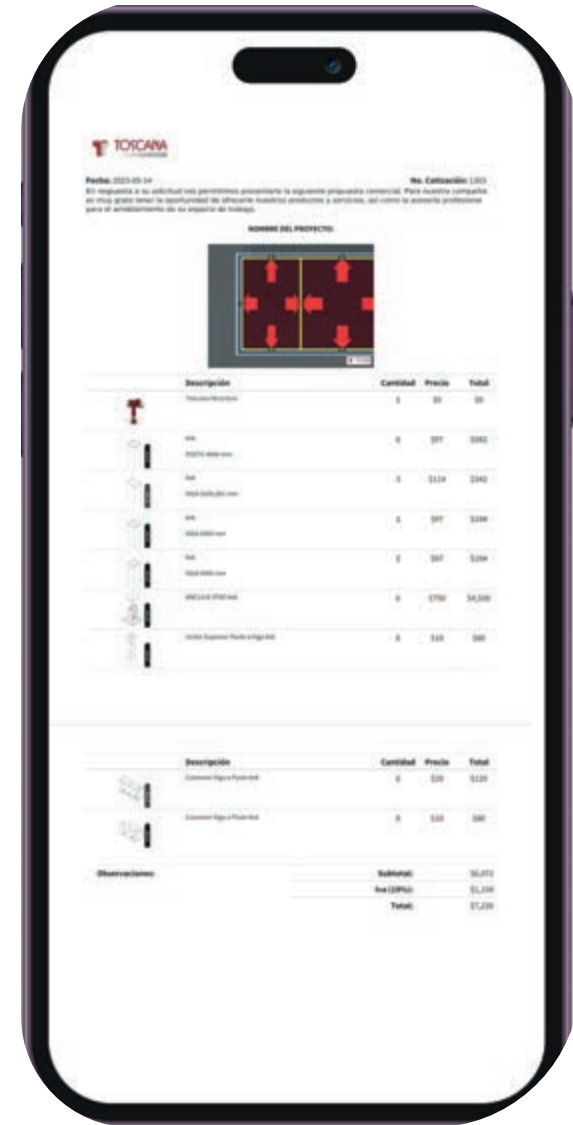
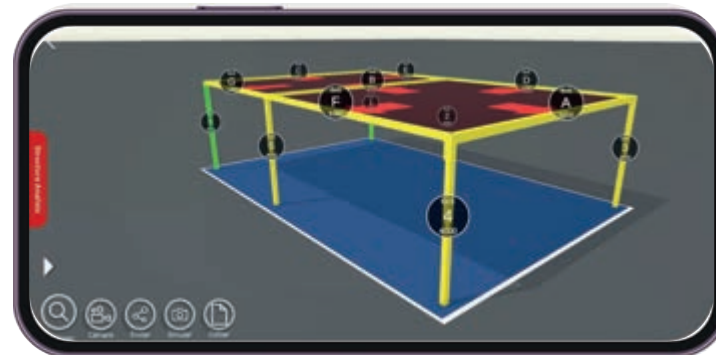
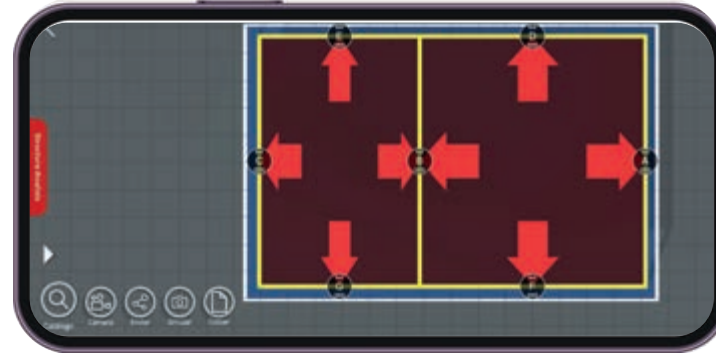








Our sophisticated and innovative application revolutionizes how sales consultants work with double-height metal structures. Now, even without technical experience, they can design, calculate, and present a quote in minutes, directly in front of the client, using just their mobile device. Turn your consultants into experts on the spot and streamline your sales process with our powerful tool.

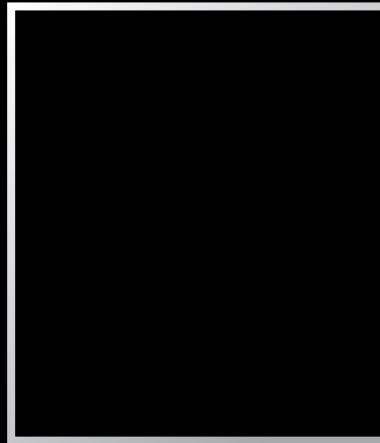






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