



Alumil

 SMARTIA  
PG 1 20F Pergola

# NEW GENERATION OF FIXED LOUVER PERGOLAS

Top sturdiness  
Incomparable ease  
of installation



ALUMIL presents SMARTIA PG120F, a complete pergola system with fixed louvers for effective shading and the upgrading of the surrounding aesthetics.

Available in three basic models which are characterized for their great versatility, it offers ideal solutions for hotels, dining areas and residences.

## Technical characteristics:

- / Mullion 120 mm totally concealed with flat cover profiles.
- / Sturdy anchorage with 400 mm core and without any visible fixation points.
- / Hook-type profile connectors.
- / All fittings made by extruded aluminium.

## CRETA

The epitome of minimalism.

## NAXOS

Traditional design with timeless value.

## CORFU

Exceptional proposal for modern spaces.



# SMARTIA PG120F

SMARTIA PG120F series is more than a simple pergola, as it was designed to overcome the problems which are usually encountered during fabrication & installation (i.e. time-consuming installation, extensive machining on site, visible fixation points and more), resulting in a high number of competitive advantages



## Advantages:

- 1 Easy machining during fabrication and extremely easy & fast installation, as it requires simple assembling of small and lightweight parts.
- 2 Top sturdiness and resistance against intense wind loads, allowing large dimensions without annoying vibrations (up to 4,8 x 6,0 m).
- 3 High aesthetics, clear lines and no visible fixation points for an absolutely minimal aesthetic result.
- 4 Top quality of anodizing and powder coating surface finishes, with the possibility of pre-anodizing, for excellent durability even at coastal areas.
- 5 Possibility for additional features and elements, such as shading fabric, polycarbonate sheets, glass and various panels, reeds etc.

# SMARTIA PG 120F Creta

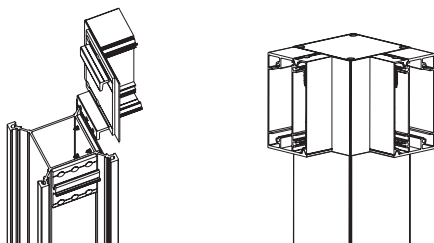
"CRETA" model is the main proposal of the SMARTIA PG 120F series, ideal for pergolas of unparalleled aesthetics with plenty of technical features and competitive advantages.

"CRETA" pergolas are characterized for their very robust construction and can withstand high wind pressure, thus reducing annoying vibrations, even when fabric, panels or other shading elements are used for extra shading and rain protection.

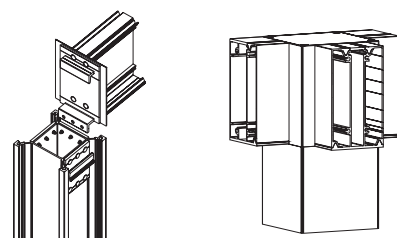
Fabrication and assembly processing takes place at the fabricator's facilities. Afterwards the installation is implemented easily on-site.



Mullion and transom connection

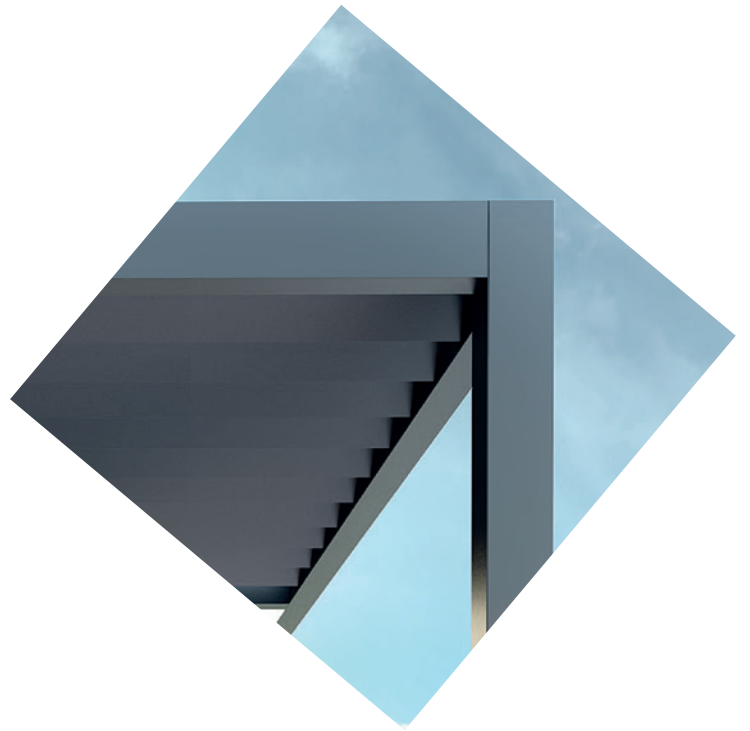


Mullion and intermediate transom connection

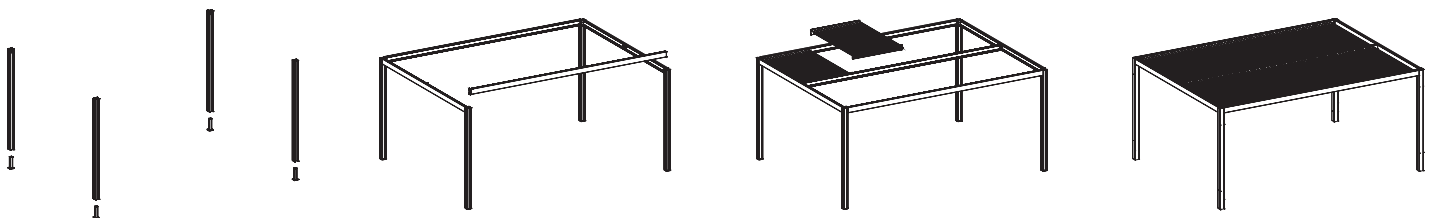




- / Hook-type connectors for very fast and easy assembly of the peripheral and intermediate transoms.
- / Special design for easy installation of louvers, which are mounted like panels, at different angles.
- / Possibility of multiple constructions, in long straight or angular alignment.
- / Selection between two different louver types with dimensions of 20 x 115 mm or 35 x 130 mm.
- / Maximum pergola dimension 4,8 x 6,0 m



Simple profiles assembly for an easy and fast installation



# SMARTIA

## PG120F Naxos

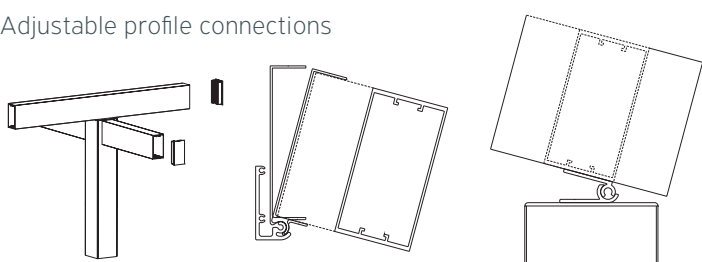
"NAXOS" model offers high-quality and durable solutions for aluminum pergolas with traditional design and aluminium wood aesthetics.

It is ideal for shading structures on islands, traditional settlements and various other places, covering all the shading needs in hotels and residences.

- / It also uses a 120 mm mullion and a non-visible 400 mm anchorage, with the horizontal louvers consisting of profiles 65 x 125 mm.
- / On-wall constructions can have various angles, thanks to special adjustable fittings which withstand high loads.
- / Possibility to place additional features and elements, such as shading fabric, panels, polycarbonates, glass etc.



Adjustable profile connections



- / The end covers are available either in a traditional curved or a flat design and are made of extruded (not die-casted) aluminium, so that their coating can last and not peel off even at coastal constructions.
- / Maximum pergola dimension 5,0 x 5,0 m.



# SMARTIA

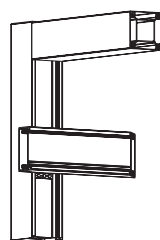
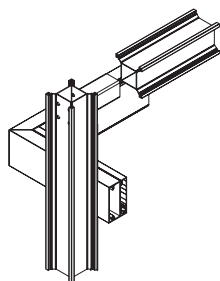
## PG120F Corfu

The model "CORFU" stands out for its highly modern look and is an alternative proposal for fixed shadow pergolas with an extraordinary, dominant design which enhances the aesthetics of the building and the surrounding area.

- / Special hook-type connectors, same as in model "CRETA", for connecting the transoms with the support mullions.
- / Use of 120 mm mullion and 400 mm concealed anchorage.
- / Selection between two different louver types, 20 x 115 mm or 35 x 130 mm.



Mullion and transoms connection



- / Possibility to place additional elements, such as shading fabric, panels, combined with aluminum louvers, for an exceptional aesthetic result.
- / Maximum pergola dimension 4,8 x 6,0 m.

ALUMIL is offering you complete shading solutions, enhancing its product portfolio with the new pergola series SMARTIA PG120P, which has electrically rotating louvers and is characterized for its unparalleled functionality & outstanding reliability.



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