



PERGOLA ARTOSI

CARPORT
GLASS



... protect your privacy.

PERGOLA ARTOSI

Pergolas in the garden or terrace represent a small oasis of peace, which sometimes each of us needs. It creates an elegant environment and maximum comfort almost all year round. With their exceptional design, they will complete moments spent with your family and friends. And that is why ISOTRA focused on the development, production and constant innovation of its own pergolas.

The self-supporting bioclimatic pergola ARTOSI with an innovative and clean design is the first pergola that came directly from the development **department of ISOTRA**. The ARTOSI pergola was developed with an emphasis on accuracy, quality of workmanship and the possibility of individual adjustments, thanks to which it will adapt to you in many aspects. The uniqueness of the ARTOSI pergola is the possibility of dividing the roof into several independent sections, which can be controlled separately. You can comfortably use the remote control to regulate the flow of light, heat and air in any part of the pergola according to the position of the sun beams throughout the day.

ARTOSI achieves the highest class of wind resistance, but for even greater comfort and privacy, the sides of the pergola can be easily supplemented with screen fabric roller blinds and LED strips with a choice of warm or cold shades of lighting. Not only due to this, **ISOTRA has developed its own screen blinds ALFA-ZIP and ALFA-ZIP PLUS**, designed both for shading the interior and directly for the ARTOSI pergolas. You can read more about screen roller blinds in our individual catalogue or on our websites.

ADVANTAGES AND BENEFITS

INNOVATIVE DESIGN

ALUMINUM SLATS WITH ORIENTATION 0° TO 130°

INTEGRATED DRAINAGE

PROTECTION AGAINST RAIN AND SNOW

HIGH WIND RESISTANCE

POSSIBILITY OF INTEGRATION OF SCREEN BLINDS

POSSIBILITY TO COUPLE PERGOLAS

LEGEND



remote control



Tahoma

ISOTRA *Quality*

A mark symbolising long tradition, inestimable investment into development, the use of quality materials, state-of-the-art technologies, reliable work from hundreds of employees and numerous other parameters, constituting one entity - the final product of ISOTRA.



ARTOSI BIOCLIMATIC PERGOLA

Self-supporting ARTOSI bioclimatic pergola with innovative and clean design from the development department of ISOTRA. The basic dimensions of the product - width 4,5 m and slide-out/extension up to 7 m - meet the strict requirements for the current user comfort.

Aluminum slat can be oriented from 0 ° to 130 °, of course there is a seal and slant of the slats for the controlled drainage of water. Shading components and LED lighting can be integrated into the pergola.

The advantage of the ARTOSI pergola is the possibility of dividing the roof into more independent sections, which are individually controlled according to the position of the sun's rays. The pergola prop can be placed up to 1 m outside the pergola corner of the pergola inwards.

Pergola ARTOSI can be assembled in combination freestanding or anchored to the wall. Due to the proven parameters, the price is a significant competitive advantage.

Pergola	Design	Length „L“ (extension, mm)		Width „S“ (mm)		Underpass height Dimension H (mm)		Guaranteed area (m ²)
		min.	max.	min.	max.	min.	max.	max.
ARTOSI	motor	1 440	7 000	1 000	4 500*	500	3 000	31,5

From 6,121 mm slide-out, pergola has 6 props.

It is necessary to split the pergola into 2 separate sections (2 pieces of engines) from the extension 5.400 mm.

* Up to a width of 4000 mm, the load capacity of the slats is up to 116 kg / m².

From a width of 4000 mm, the load capacity of the slats is up to 90 kg / m².

Advantages and benefits

- The pergola is produced with high accuracy
- Possibility to place props up to 1 m outside the corner of the pergola inwards
- Low stand height of the roof profile including slat opening - 25 cm in total
- Possibility of dividing the roof slats into more independent sections, separately controlled
- Clean and elegant design
- Easy assembly / disassembly of the slats and great variability of installation
- Angle of slat opening 130 °
- Wind resistance class 6
- Possibility of a LED strip on the sides of the pergola slide-out
- Possibility of integrating shading technology
- Price corresponding to the product parameters
- Our own development



Installation options

- Pergola ARTOSI is self-supporting with anchoring the stands into the floor and with the possibility of anchoring the profile into the wall.

Control method



- Serves for opening, tilting and closing aluminum slats in the pergola roof.



- Somfy WT / IO motor

Basic color design

○ RAL 9010S white structure

● RAL 9007 silver

● DB 702 pearl light grey

○ RAL 9010M white matte

● RAL 9007S silver structure

● DB 703 pearl dark grey

● RAL 9006 light silver

● 7016S anthracite grey structure

● RAL 8014S brown structure

● RAL 9006S light silver structure

● RAL 7016M anthracite grey matte

● RAL 8014M brown matte

Installation options

- 3 basic ways to install pergolas



A

Freestanding, slats parallel to the shorter side of the pergola

- Max. dimensions for 4 props: 4,5 x 6 m
- Max. dimensions for 4 + 2 props: 4,5 x 7 m



B

In the wall, the slats parallel to the shorter side, the wall parallel to the slats

- Max. dimensions for 2 props: 4,5 x 6 m
- Max. dimensions for 2 + 2 props: 4,5 x 7 m



C

In the wall, slats parallel to the shorter side, the wall perpendicular to the shorter side

- Max. dimensions for 2 props: 4,5 x 6 m
- Max. dimensions for 2 + 2 props: 4,5 x 7 m



CARPORT ARTOSI

The aluminium CARPORT ARTOSI is a timeless carport with an innovative design, developed with emphasis on precision, quality of workmanship and the possibility of individual modifications, which will ensure the protection of your car against the adverse effects of the weather.

The aluminium construction, which is identical to the construction of the ARTOSI bioclimatic pergola, is supplemented with a supporting trapezoidal sheet (standard) or polycarbonate (transparent, opal, bronze). CARPORT ARTOSI has integrated water drainage inside its structure without any need for further modifications, with the optional LED lighting located around the entire perimeter, controlled by a motion sensor or using IO technology. The carport is manufactured with high precision and assembly is therefore easy and fast. You can choose a free-standing or wall-mounted design. We offer CARPORT ARTOSI in twelve basic colours of the construction and in two colours of the trapezoidal sheet - RAL 7016S, RAL 9006S. The maximum load capacity is 150 kg/m², we guarantee wind resistance up to 120 km/h and water drainage of 50 l/m²h. The standard warranty is 5 years for construction, 2 years for LED lighting.

	Length (mm)		Width (mm)		Height (mm)	Area (m ²)
	min.	max.	min.	max.	max.	max.
CARPORT ARTOSI CARPORT ARTOSI ROOFLESS	1 200	7 000	1 000	4 500	3 000	31,5

Construction

ARTOSI CARPORT
POLYCARBONATE



ARTOSI CARPORT
TRAPEZE



Standard colors

CONSTRUCTION



TRAPEZOIDAL ROOF



RAL 9006

POLYCARBONATE ROOF



CLEAR



OPAL



BRONZE



ARTOSI GLASS

SLIDING GLAZING SYSTEM



We keep innovating the ARTOSI aluminium bioclimatic pergola. In addition to the ALFA and ALFA PLUS screen roller blinds, it is now possible to implement the ARTOSI GLASS sliding glazing system to the pergola sides.

The sliding system consists of aluminium profiles and glazing. The system features slide opening, i.e., The individual wings slide one behind the other. You can order two- to six-wing version of the system. The special shape of the vertical profile also serves as a handle over its whole length, the glass used is transparent tempered glass of 6 mm thickness.

The system can be equipped with a metallic lockable handle with a cylindrical inlay, safely separating the terrace and the garden and protecting against burglary. The ARTOSI GLASS sliding system is made from high-quality aluminium profiles and stainless components. The glass used is safety tempered glass of 6 mm thickness, which allows glazing over areas up to the height of 2.7 metres.

The system may be supplied coated using a complete RAL colour range, with anodised surface treatment. You can therefore fully tone the glazing system with your ARTOSI pergola as well as the ALFA screen roller blind. The system is advantageous thanks to the fast and simple installation and maintenance. All you need to do for smooth running is keeping the lower rail clean. Free access to the wings facilitates easy maintenance of the glass.

SLIDING FRAME GLAZING SYSTEM

Advantages

- protects from noise, dust and bad weather
- obstruction against forced entry
- colour matching with the ARTOSI pergola as well as the ALFA screen roller blind
- locks against glass removal
- easy installation thanks to pre-assembled system
- easy and fast operation and maintenance
- selection of the number of wings and method of opening

Dimensions and weight

- wing width: 50-100 cm, max. height: 270 cm
- max. width of the glazed area: 6 m
- possible combinations: 2D-5D, or 2 x 2D-2 x 3D
- weight: 20 kg/m² (in case of glass thickness of 6 mm)
- 47 kg / running metre (in case of glass thickness of 6 mm and glazing height of 2.7 m)

SLIDING FRAMELESS GLAZING SYSTEM

Advantages

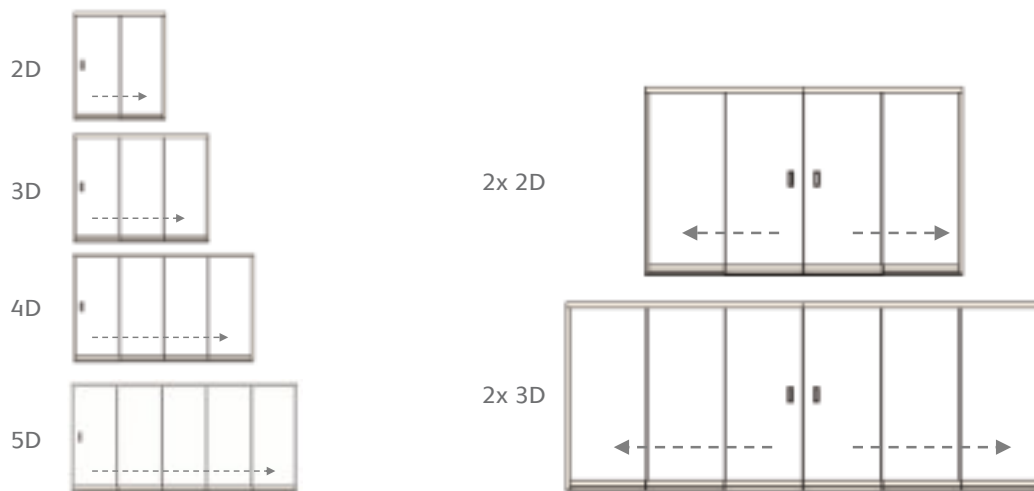
- ensures unobstructed view of the garden
- protects from noise, dust and bad weather
- obstruction against forced entry
- colour matching with the ARTOSI pergola as well as the ALFA screen roller blind
- easy and fast operation and maintenance
- selection of the number of wings and method of opening

Dimensions and weight

- wing width: 50–100 cm, max. height: 270 cm
- max. width of the glazed area: 6 m
- possible combinations: 2D–5D, or 2 x 2D–2 x 3D
- weight: 28 kg/m² (in case of glass thickness of 10 mm)
- 70 kg / running metre (in case of glass thickness of 10 mm and glazing height of 2.7 m)

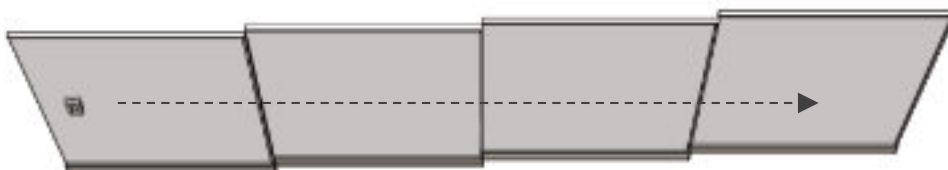
CONSTRUCTION

Number of wings



Method of opening

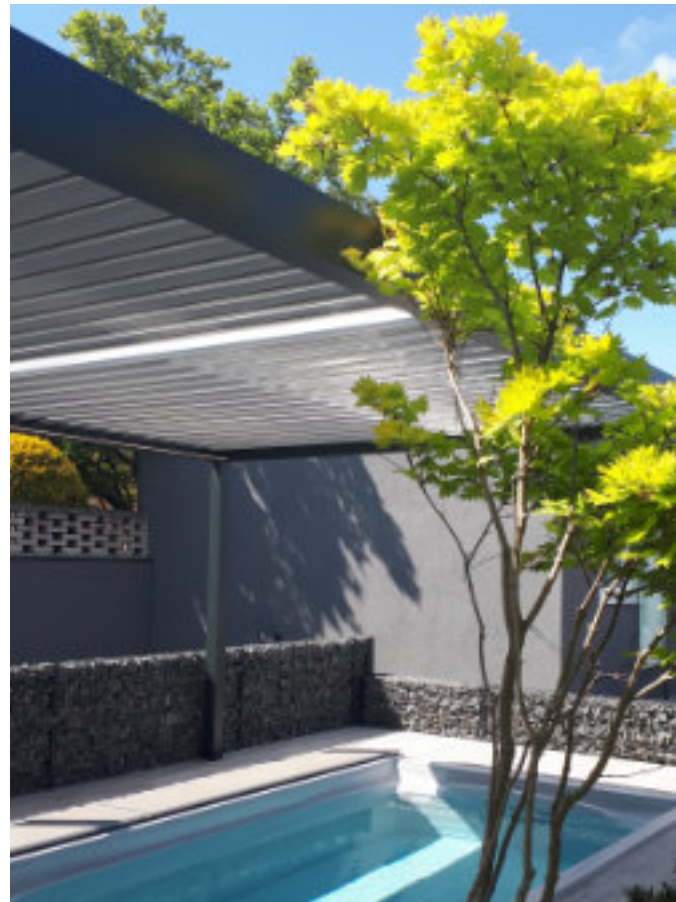
One-sided (opening to the left/right)



Double-sided (curtain type)









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ISOTRA Partner:



... protect your privacy.