

PERGOLA LAMELINO

INDULGE IN LUXURY IN YOUR GARDEN

Pergolas with rotating slats are often referred to as BIOCLIMATE. In the open position, the slats enable natural airflow upwards. As a result, the space under the pergola does not overheat and you can enjoy a pleasant climate even on hot summer days. They are suitable both for family house terraces and as a standalone feature for the recreational part of your garden or by the pool. They can also be used in cafe or restaurant gardens.

Lamelino is our own product, always made to measure and guaranteed for 4 years.

PERGOLA LAMELINO



INTELLIGENT

The pergola's additional sensors can react to ambient weather conditions without disrupting the user's comfort.



QUALITY

We place the highest demands on materials, motors and workmanship.



MAINTENANCE-FREE

Made of aluminium, which is virtually maintenance-free, ensuring the pergola has a long service life.



CZECH

Fully made by CLIMAX! Thanks to this, we guarantee fast delivery according to the customer's wishes.



SAFE

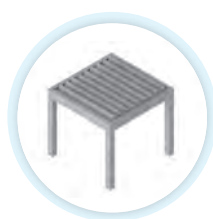
The pergola was thoroughly tested during the development phase. It is designed to withstand heavy loads and the onslaught of strong winds.

What does the term bioclimatic pergola mean?

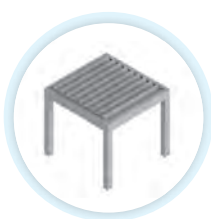
This term can be used to describe any pergola that does not have a permanently closed roof and therefore allows natural air circulation in the space under the pergola. In the professional sector, this term has come to be used to describe aluminium pergolas whose roof is made up of slats with the possibility of tilting and closing the pergola roof.

Lamelino single

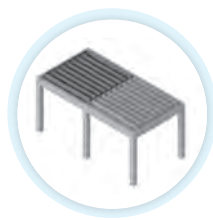
Lamelino single is available as a stand-alone version with 4 columns. With the modular design, another 2 support columns can be added to the pergola.



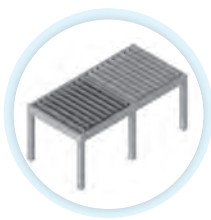
single



single



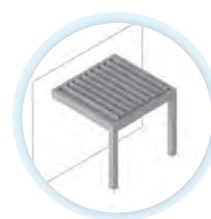
side by side



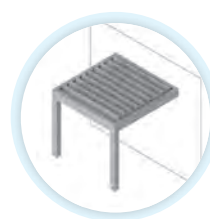
in a row

Lamelino wall

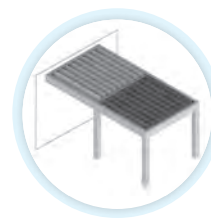
Lamelino wall is anchored to the wall on one side and it has 2 columns on the opposite side. With the modular design, another 1-2 support columns can be added.



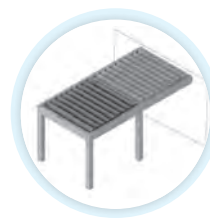
single



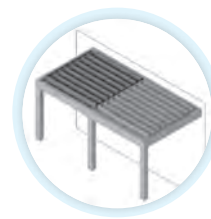
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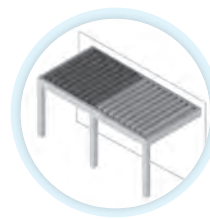
in a row



in a row



side by side



side by side



Construction

Limit dimensions

Type	Design	Width (cm)		Projection (cm)		Support column height (cm)	
		Min.	Max.	Min.	Max.	Min.	Max.
Lamelino single	Basic	200	450	165	605	50	320
Lamelino wall	Basic	200	450	165	605	50	320

Tilting of slats

The roof slats of the Lamelino pergola can be smoothly tilted from 0 to 125 degrees. By tilting the slats, you can regulate the amount of light you let under the pergola from 0 to 125 degrees.



0° – 125°

Colour design

The Lamelino pergola is available in any colour you like. We offer it in 6 basic colours, but in our own paint shop we can powder-coat the pergola in any shade according to the RAL swatch (colour on request with longer delivery time).

Standard colour of aluminium structure and slats

white	RAL 9016
beige	RAL 1015
brown	RAL 8014
silver	RAL 9006 (Tiger)
dark grey	DB 703 (Tiger)
anthracite	RAL 7016



Lighting

The Lamelino pergola can feature LED lighting integrated directly in the slats. RGB perimeter lighting with a selectable backlight colour is also available.



Accessories

The pergola can be equipped with an automatic sun, wind or rain setting that directs the pergola's roof slats to open/close depending on the weather. The Lamelino pergola can also be supplemented with vertical screens to protect against wind, rain and unwanted glances from neighbours. You can choose from several types of fabrics, ranging from semi-transparent/screen fabric to full blackout fabric.



Control

Motorised - 24 V electric motor with control options:

- automatic control
- remote control
- smart mobile device (Tahoma system)



Frequently asked questions

Is the Lamelino pergola safe?

The Lamelino pergola can support loads of up to 160 Kg/m² on its slats.

Won't snow damage the pergola?

It is recommended to add to the pergola a sensor that automatically turns the slats in the vertical position if the temperature drops below 5°C to prevent any build-up of snow or frost. The pergolas are made for shading and are not intended as snow protection.

Is the Lamelino pergola waterproof?

There is no pergola on the market that is 100% waterproof. However, the ingeniously designed gutter system of the Lamelino drains maximum rainwater from the roof through the columns outside the pergola.

How much wind load can the Lamelino pergola withstand?

The pergola has been thoroughly tested and calculated to determine its wind resistance. The values found correspond to class 6 on the Beaufort scale.



Why is the Lamelino pergola described as intelligent?

Thanks to additional sensors, the Lamelino pergola can react to the current weather and tilt the slats accordingly. The remote control of all functions increases the user's comfort.

Is aluminium a suitable material for pergola construction?

Aluminium is not only resistant to external influences, but the varnishing method makes it virtually maintenance-free. Therefore, unlike wooden pergolas, no additional maintenance is required.

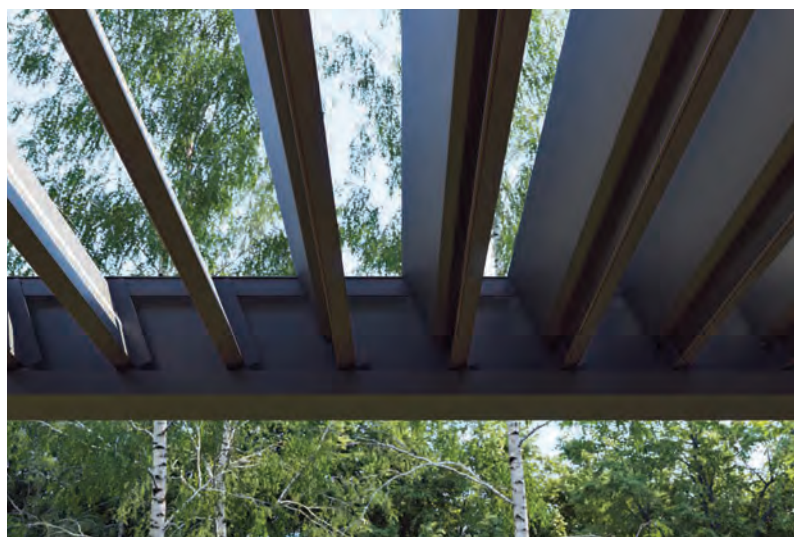
How does the pergola cope with frost?

The Lamelino pergola is designed so that no remaining water that could freeze and damage the motor or structure is held in the profiles or slats.

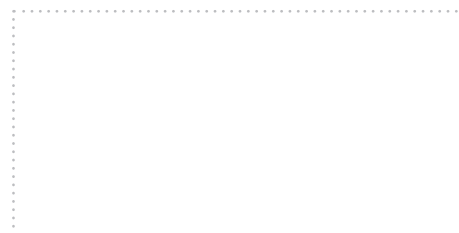
Can I get any accessories for the pergola?

The Lamelino pergola is variable. The advantage of our own production is full compatibility with accessories such as vertical screens.





For more information go to www.servisclimax.eu



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