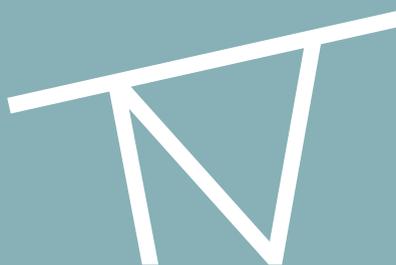


C A T A L O G

PENSILAUTO





VISION

With our range of products, we are specifically focusing on the ecological aspects connected to a new lifestyle, where the outdoors symbolize being in touch with nature, where boundaries disappear and change. Our systems, working with renewable energy sources, are a valid answer to the need to preserve the world that we share with all living beings, to respect it and to keep it untouched.

MISSION

The legacy we have been carrying on for over thirty years is a centuries-old tradition, strongly connected to the Earth and its bounty. Our mission is loyal to the spirit of cultivating, ploughing, manuring, watering, and harvesting. Faithful to our model, we cultivate human relationships and coordinate production with harvest seasons – just as it happens in nature. This modus operandi helped us to create a design tailored to evolving markets, and consolidating an organic, consistent set of corporate ethics that creates value and opportunity.

5 REASONS TO CHOOSE GIULIO BARBIERI CARPORTS

1 COMPATIBILITY WITH ANY PHOTOVOLTAIC PANEL

Pensilsole is a carport adaptable to photovoltaic panels of any type and size on the market.

2 QUICK INSTALLATION TIME

Pensilsole and pensilauto are installed quickly, as the structural components are delivered pre-assembled. Quick attachment of PV panels on pensilsole is ensured by specific accessories that are included in the delivery. The load-bearing structures have reinforced concrete bases with a grit finish, so they do not require foundations: this means opening a construction site that is easy to set up and manage, a simplified permitting process, and no need for soil remediation work at the end of the system's life. Versions with steel plates to be attached to an existing or prepared foundation with appropriate excavation at the installation site are also available.

3 ADAPTABILITY

The structures are easily adaptable to new needs that may arise over time: since they are modular, it is always possible to attach and join a new canopy through a special system of gutters and downspouts; in addition, it is always possible to replace the photovoltaic panels with higher-performance models, even if they have different dimensions.

4 CUSTOMIZATION

The structures are customizable in size and finish. Upon request, they can be equipped with advertising banners.

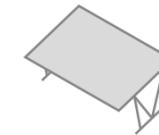
5 LIMITED MAINTENANCE

Maintenance of shelters and carports is limited to tightening screws and general cleaning on an annual basis, as the structure is made of anodized or thermosetting polyester powder coated aluminum profiles. Joints and structural nodes are made of surface-treated steel using a hot-dip galvanizing process and subsequent polyester powder surface coating. Aluminum structures are a technological added value, which gives the structural deck strength, elasticity and durability: aluminum does not oxidize, and it is therefore possible to install sunroofs and carports even in dust-saturated atmospheres such as industrial ones or near wetlands or marine areas. At the end of its life, the product allows the transformation of profiles into scrap that will be melted down and processed into new products or profiles for industrial use.





ALUMINIUM CARPORT
PENSILAUTO



The pensilauto aluminum carport features either sandwich panel or galvanized steel trapezoidal sheet metal roofing. The design of pensilauto adheres to a precise optimized static scheme that allows the carport to achieve high performance standards by using profiles with a small cross section, providing an elegant and minimal aesthetic result. Anchoring to the ground can be done through above-ground concrete ballasts that do not require the preparation of foundations, significantly decreasing the time and cost required for installation. Upon request, however, it is possible to install the structure through plates to be anchored to a foundation. Pensilauto is also available with a “cantilever” structure, that is, with the roof cantilevered, supported by steel pillars attached to a foundation. Upon request, the aluminum carport can be customized by choosing from a wide range of colors and finishes. In particular, the warm hue range and matt finish give pensilauto a more refined appearance in harmony with natural elements, while the oven-treated thermoset polyester powder coating increases product quality and resistance to the wear and tear of time.







46 LOCATION
Genova, Italy

CUSTOMER
Private house

MODEL
Pensilauto Maxi



LOCATION
Austria

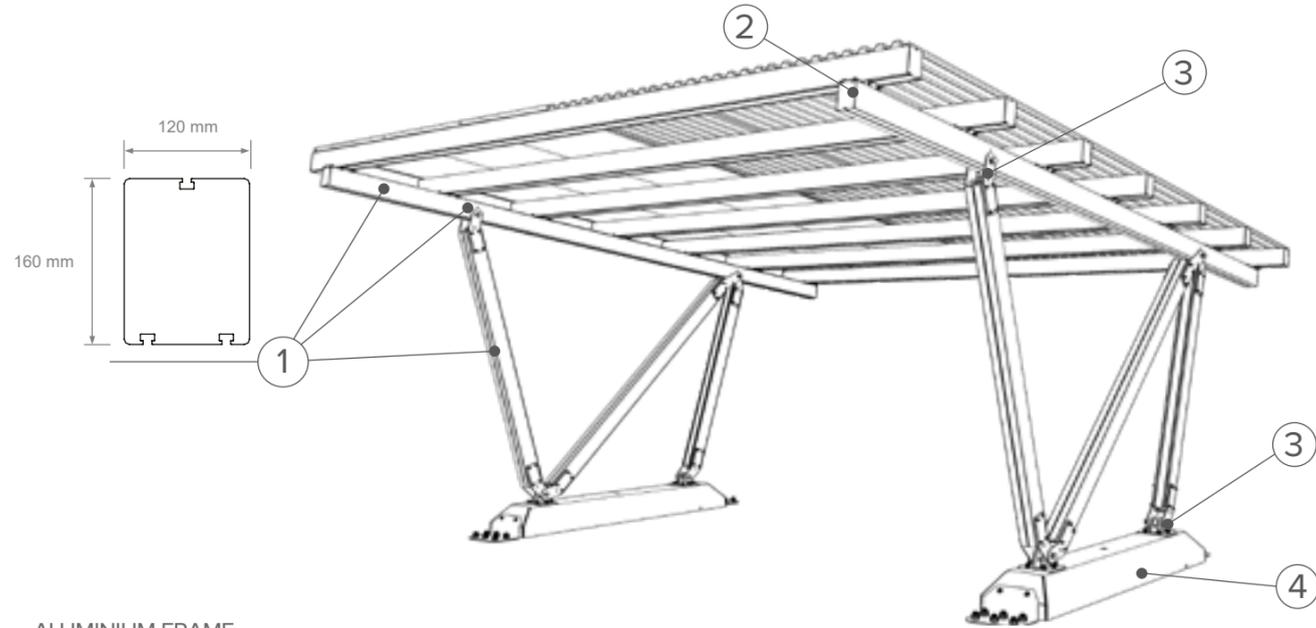
CUSTOMER
Auto & 2 Rad Posch

MODEL
Pensilauto Maxi





PENSILAUTO MAXI - TECHNICAL DETAILS



- 1** ALUMINIUM FRAME.
 Standard colour: Silver Anodized
 Non standard colours:
 Matt with rough finish - polyester powder coating
 White Dove-Grey Dark-Brown
 Further RAL colours available in both matt and glossy smooth finish.

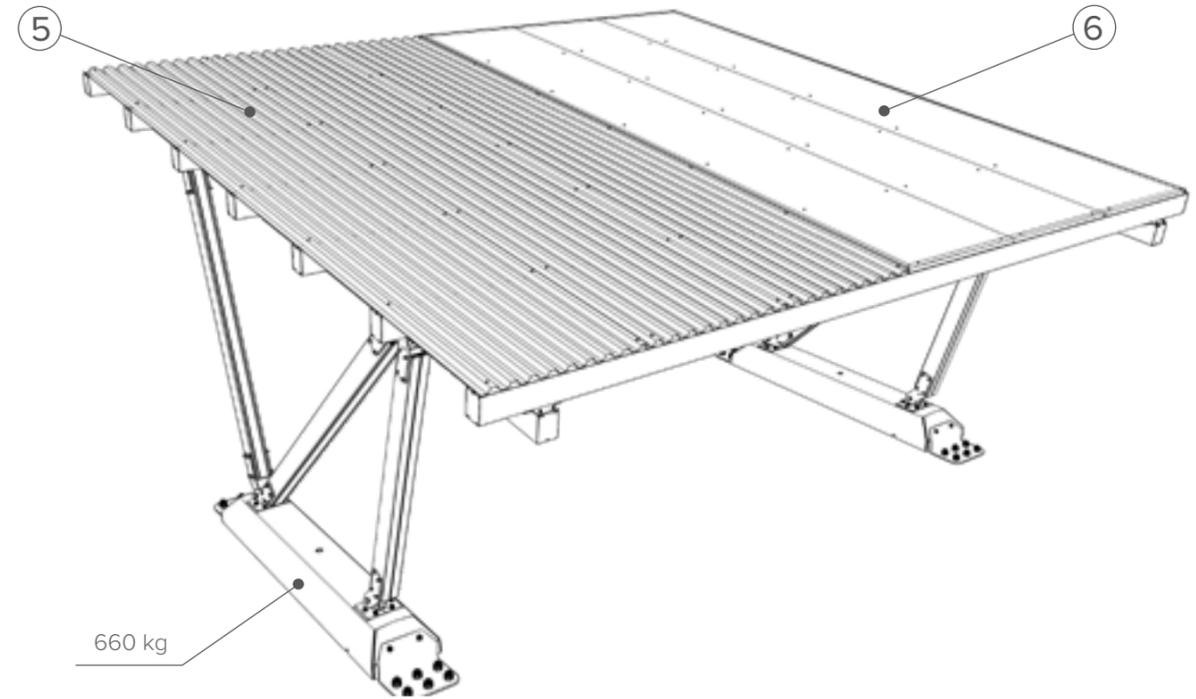
- 2** ALUMINIUM CAPS SUBJECTED TO POLYESTER POWDER COATING
 Standard colour: RAL 7044

- 3** STEEL PLATES SUBJECTED TO HOT-DIP GALVANIZING AND POLYESTER POWDER COATING
 Standard colour: RAL 7044

- 4** CONCRETE BALLASTS WITH SANDBLASTED WHITE GRANITE FINISH



OPTIONAL
 PROTECTIVE CASING FOR STAKES OR ANCHORS
 Standard colour: RAL 7044



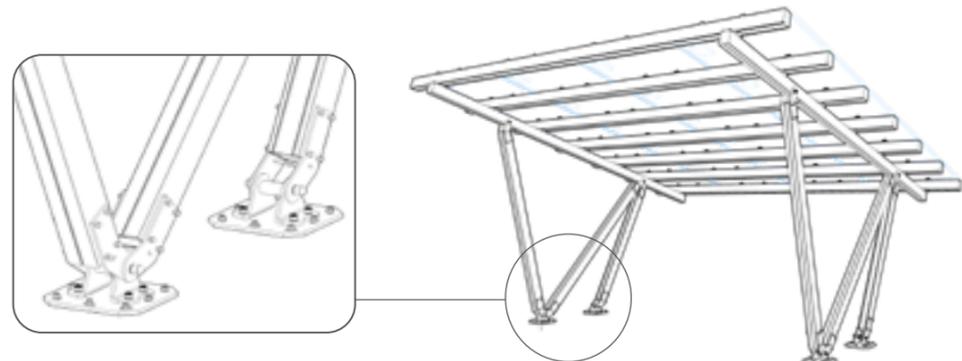
- 5** GALVANISED AND PRE-PAINTED CORRUGATED ROOFING SHEETS
 Standard colour: RAL 9002

- 6** MODULAR SANDWICH PANELS
 Standard colour: RAL 9002

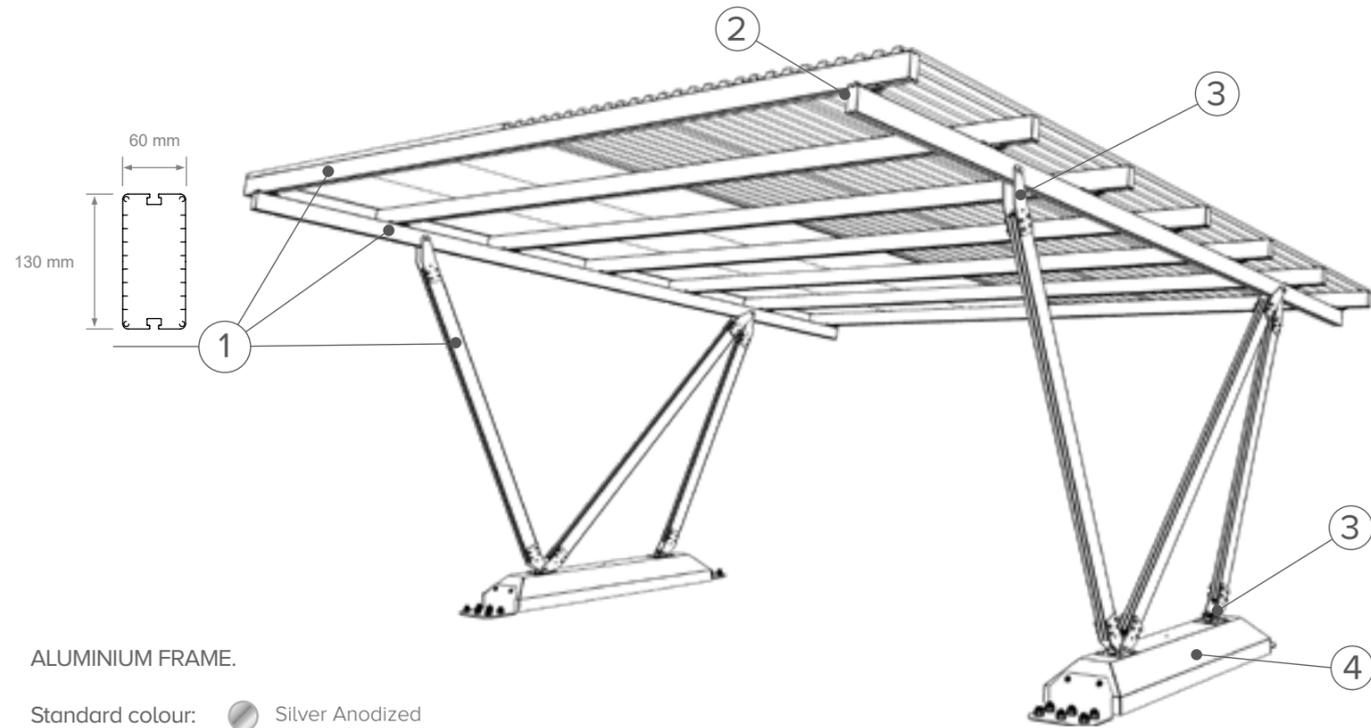


VERSION WITH HOT-DIP GALVANIZED AND POLYESTER POWDER COATED STEEL ANCHOR PLATES FOR CONCRETE PLINTH OR SLAB

Standard colour: RAL 7044



PENSILAUTO MIDDLE - TECHNICAL DETAILS



- 1 ALUMINIUM FRAME.**
 Standard colour: Silver Anodized
 Non standard colours:
 Matt with rough finish - polyester powder coating
 White Dove-Grey Dark-Brown
 Further RAL colours available in both matt and glossy smooth finish.

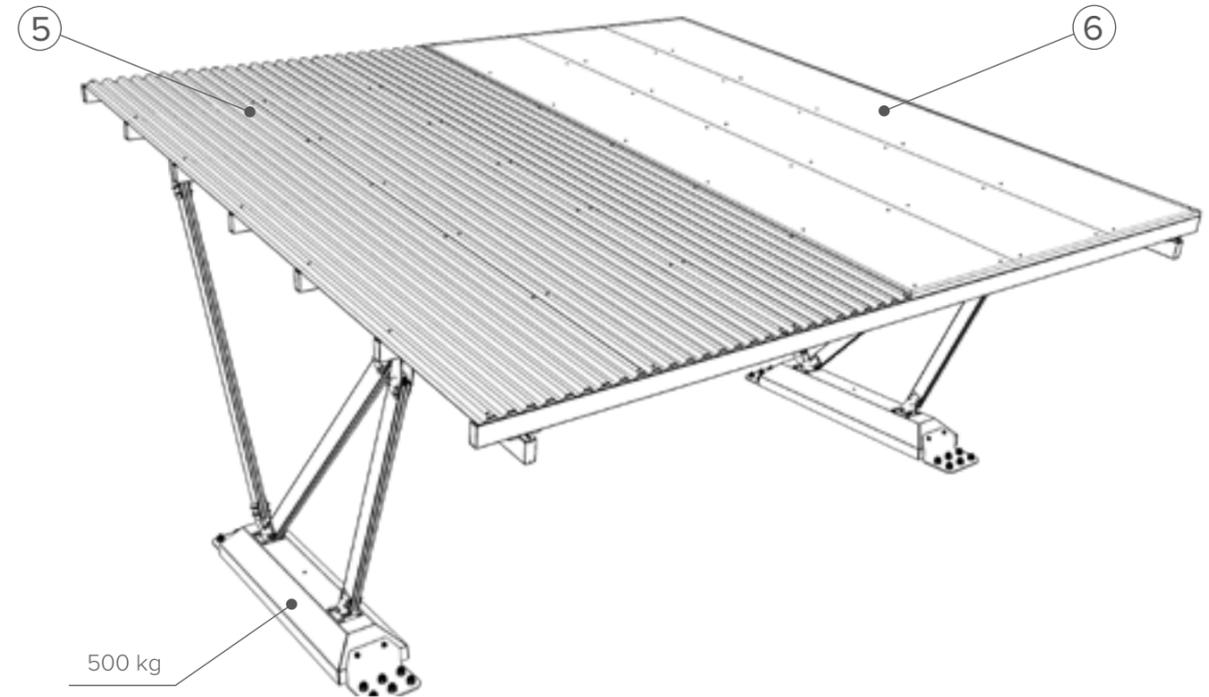
- 2 ALUMINIUM CAPS SUBJECTED TO POLYESTER POWDER COATING**
 Standard colour: RAL 7044

- 3 STEEL PLATES SUBJECTED TO HOT-DIP GALVANIZING AND POLYESTER POWDER COATING**
 Standard colour: RAL 7044

- 4 CONCRETE BALLASTS WITH SANDBLASTED WHITE GRANITE FINISH**



OPTIONAL PROTECTIVE CASING FOR STAKES OR ANCHORS
 Standard colour: RAL 7044



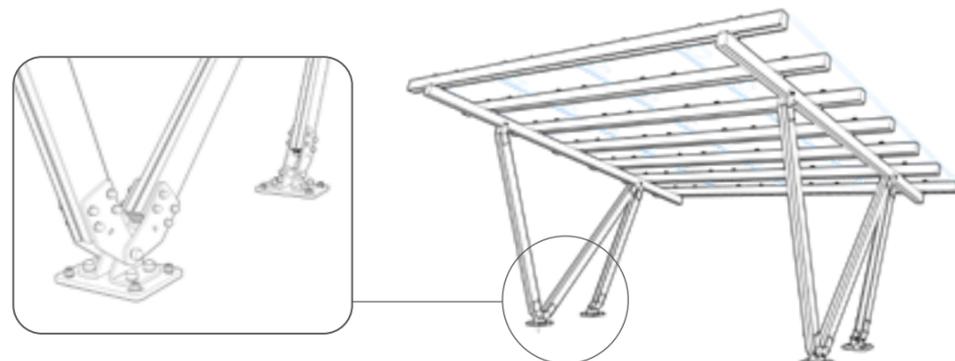
- 5 GALVANISED AND PRE-PAINTED CORRUGATED ROOFING SHEETS**
 Standard colour: RAL 9002

- 6 MODULAR SANDWICH PANELS**
 Standard colour: RAL 9002

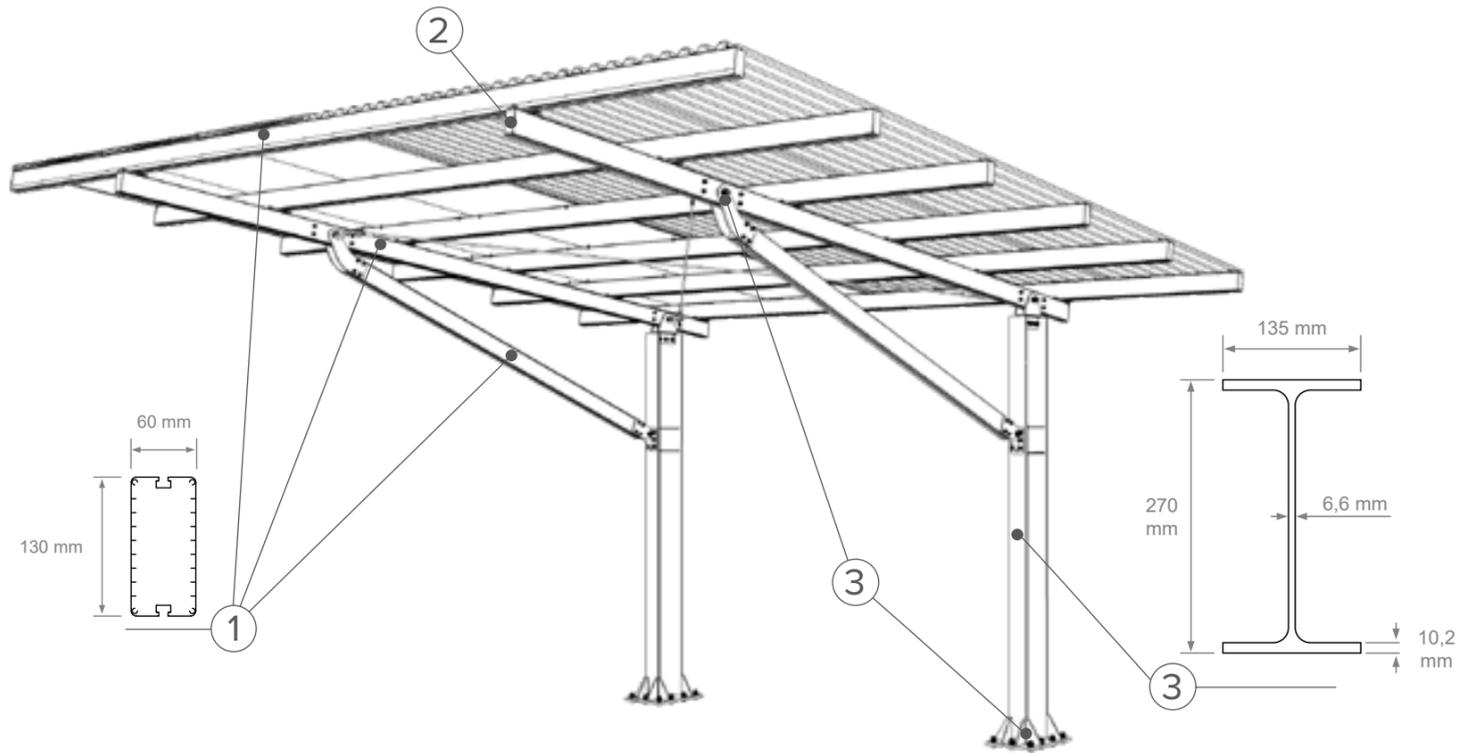


VERSION WITH HOT-DIP GALVANIZED AND POLYESTER POWDER COATED STEEL ANCHOR PLATES FOR CONCRETE PLINTH OR SLAB

Standard colour: RAL 7044



PENSILAUTO CANTILEVER - TECHNICAL DETAILS



1

ALUMINIUM FRAME.

Standard colour: Silver Anodized

Non standard colours:

Matt with rough finish - polyester powder coating

White Dove-Grey Dark-Brown

Further RAL colours available in both matt and glossy smooth finish.

2

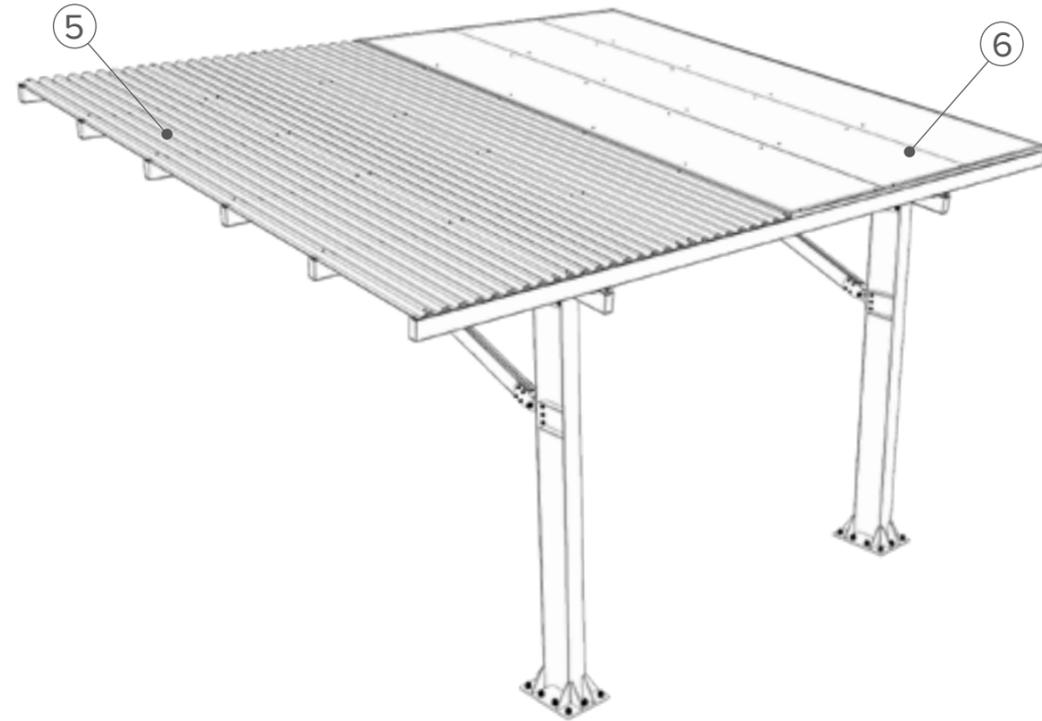
ALUMINIUM CAPS SUBJECTED TO POLYESTER POWDER COATING

Standard colour: RAL 7044

3

STEEL PLATES SUBJECTED TO HOT-DIP GALVANIZING AND POLYESTER POWDER COATING

Standard colour: RAL 7044



5

GALVANISED AND PRE-PAINTED CORRUGATED ROOFING SHEETS

Standard colour: RAL 9002

6

MODULAR SANDWICH PANELS

Standard colour: RAL 9002









62 LOCATION
Modena, Italy

CUSTOMER
Marazzi Group s.r.l.

MODEL
Pensilauto Middle



LOCATION
Varese, Italy

CUSTOMER
Omec S.r.l.

MODEL
Pensilauto Maxi





PENSILAUTO MAXI STRUCTURE DIMENSIONS



150 Kg/m²

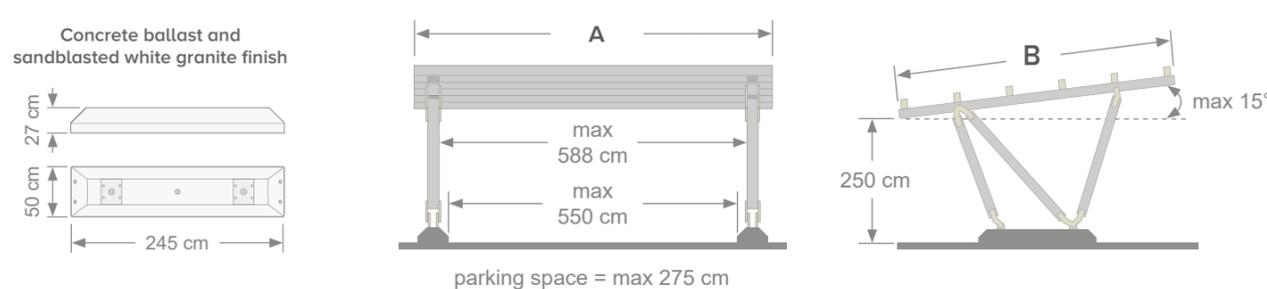
SNOW LOAD
Snow action on the roof
(Eurocode 1-3)

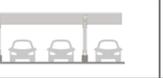


150 Km/h

WIND RESISTANCE
Terrain category III (Eurocode 1-4)

PENSILAUTO MAXI WITH BALLASTS



MAX DIMENSIONS					
	2 PARKING LOTS	3 PARKING LOTS	4 PARKING LOTS	5 PARKING LOTS	6 PARKING LOTS
	2 Ballasts	2 Ballasts	2 Ballasts	3 Ballasts	3 Ballasts
SIDE A (cm)	604	804	1104	1404	1604
SIDE B (cm)	610	610	610	610	610

PENSILAUTO MIDDLE STRUCTURE DIMENSIONS



120 Kg/m²

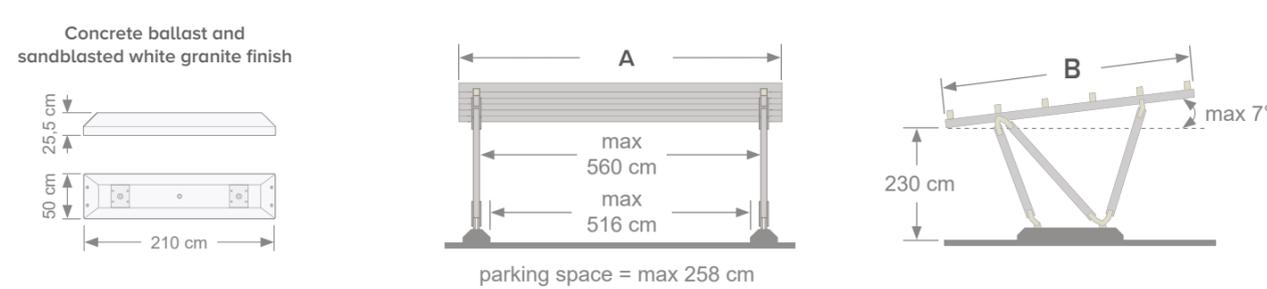
SNOW LOAD
Snow action on the roof
(Eurocode 1-3)

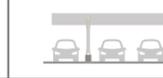


100 Km/h

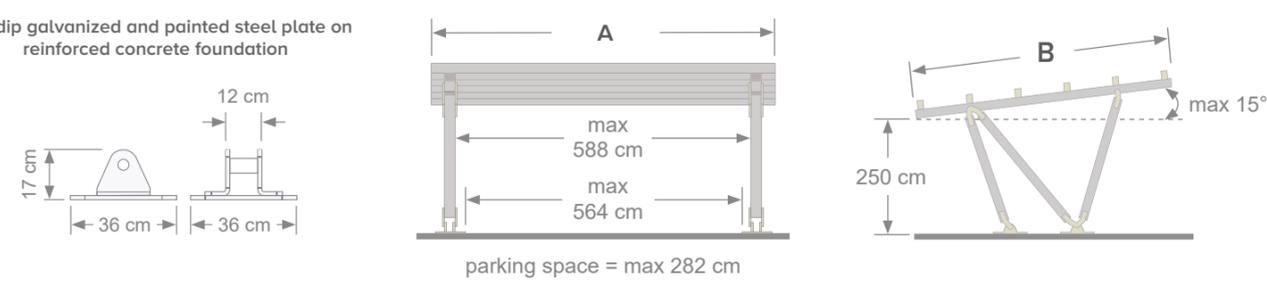
WIND RESISTANCE
Terrain category III (Eurocode 1-4)

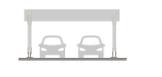
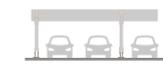
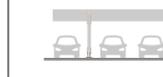
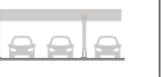
PENSILAUTO MIDDLE WITH BALLASTS



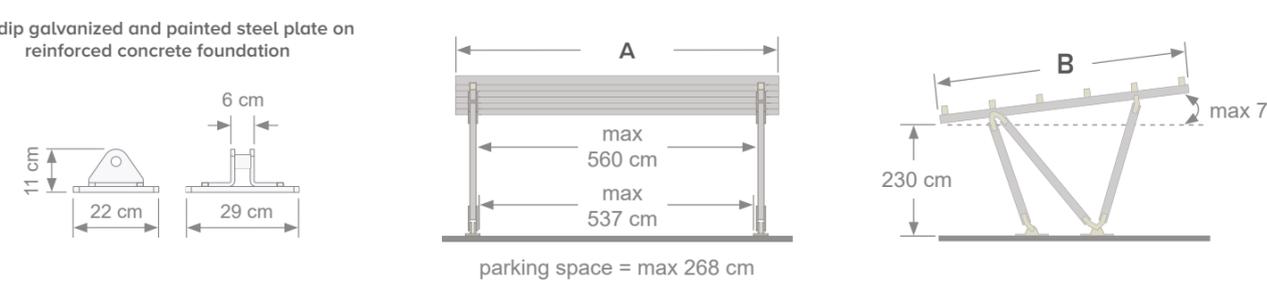
MAX DIMENSIONS					
	2 PARKING LOTS	3 PARKING LOTS	4 PARKING LOTS	5 PARKING LOTS	6 PARKING LOTS
	2 Ballasts	2 Ballasts	2 Ballasts	3 Ballasts	3 Ballasts
SIDE A (cm)	604	804	1104	1404	1604
SIDE B (cm)	510	510	510	510	510

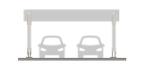
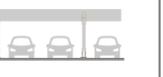
PENSILAUTO MAXI WITH ANCHOR PLATES



MAX DIMENSIONS					
	2 PARKING LOTS	3 PARKING LOTS	4 PARKING LOTS	5 PARKING LOTS	6 PARKING LOTS
	4 Anchor plates	4 Anchor plates	4 Anchor plates	6 Anchor plates	6 Anchor plates
SIDE A (cm)	604	804	1104	1404	1604
SIDE B (cm)	610	610	610	610	610

PENSILAUTO MIDDLE WITH ANCHOR PLATES



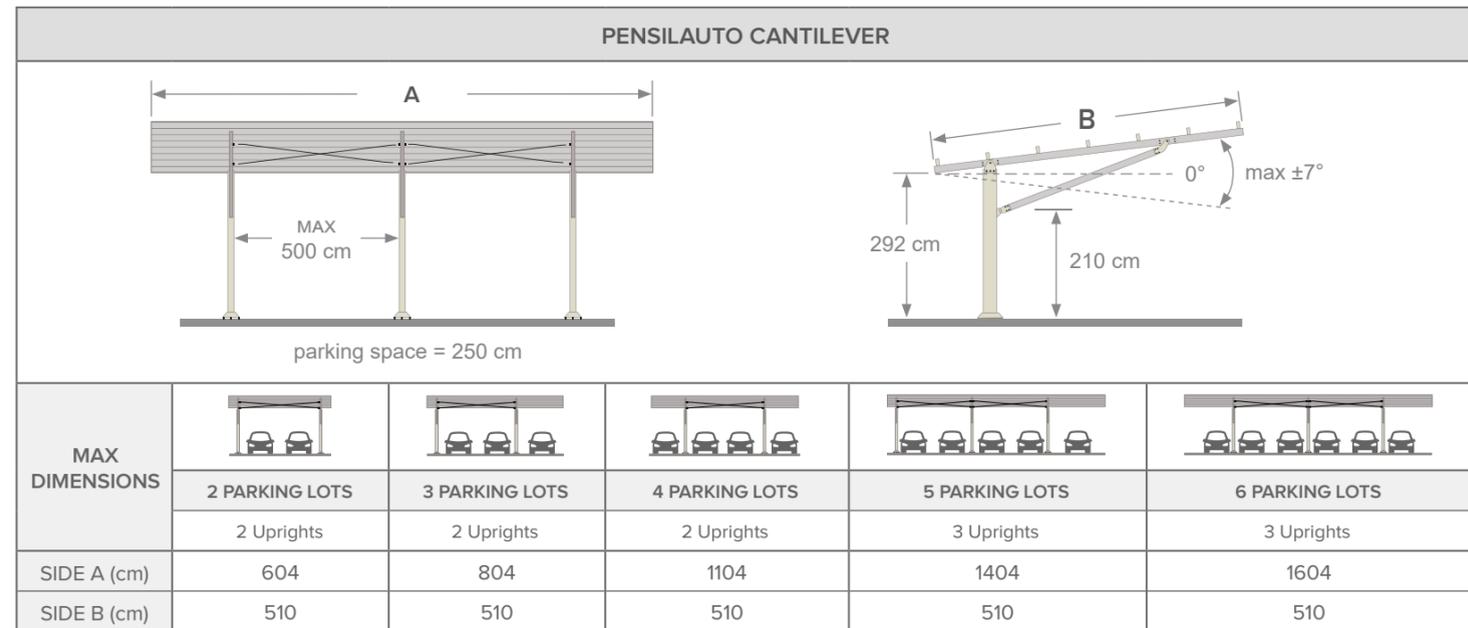
MAX DIMENSIONS					
	2 PARKING LOTS	3 PARKING LOTS	4 PARKING LOTS	5 PARKING LOTS	6 PARKING LOTS
	4 Anchor plates	4 Anchor plates	4 Anchor plates	6 Anchor plates	6 Anchor plates
SIDE A (cm)	604	804	1104	1404	1604
SIDE B (cm)	510	510	510	510	510

68 The sizes of the structure can be tailored to meet customer's needs. The structure with anchor plates requires a foundation system for anchoring to the ground.

The sizes of the structure can be tailored to meet customer's needs. The structure with anchor plates requires a foundation system for anchoring to the ground.

PENSILAUTO CANTILEVER STRUCTURE DIMENSIONS

 120 Kg/m²	 100 Km/h
SNOW LOAD <small>Snow action on the roof (Eurocode 1-3)</small>	WIND RESISTANCE <small>Terrain category III (Eurocode 1-4)</small>



The dimensions of the structure can be tailored to meet customer's needs. The structure requires a foundation system for anchoring to the ground.

WARRANTY AND QUALITY

- The products are CE certified. The booklet with the Declaration of Performance (DOP) accompanies the product until its installation is completed.
- The structures are structurally tested and comply with the loads required by current legislations, DM 17 January 2018 Technical Standards for Buildings (Norme Tecniche per le Costruzioni) NTC 2018 and UNI EN 1991
- The structural elements made of aluminum are covered by a 5-year guarantee*
- Since 1990, we design and industrialize our collections completely in Italy, at the Poggio Renatico plants.

* For further details about the warranty please see the terms and conditions of sale Giulio Barbieri S.r.l. indicated in the official price list.

CONTACTS

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Fax (+39) 0532 821555

www.giulio barbieri.it



ADERENTE A
**CONFINDUSTRIA EMILIA
AREA CENTRO**
Le imprese di Bologna,
Ferrara e Modena

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 GIULIO BARBIERI

giuliobarbieri.it