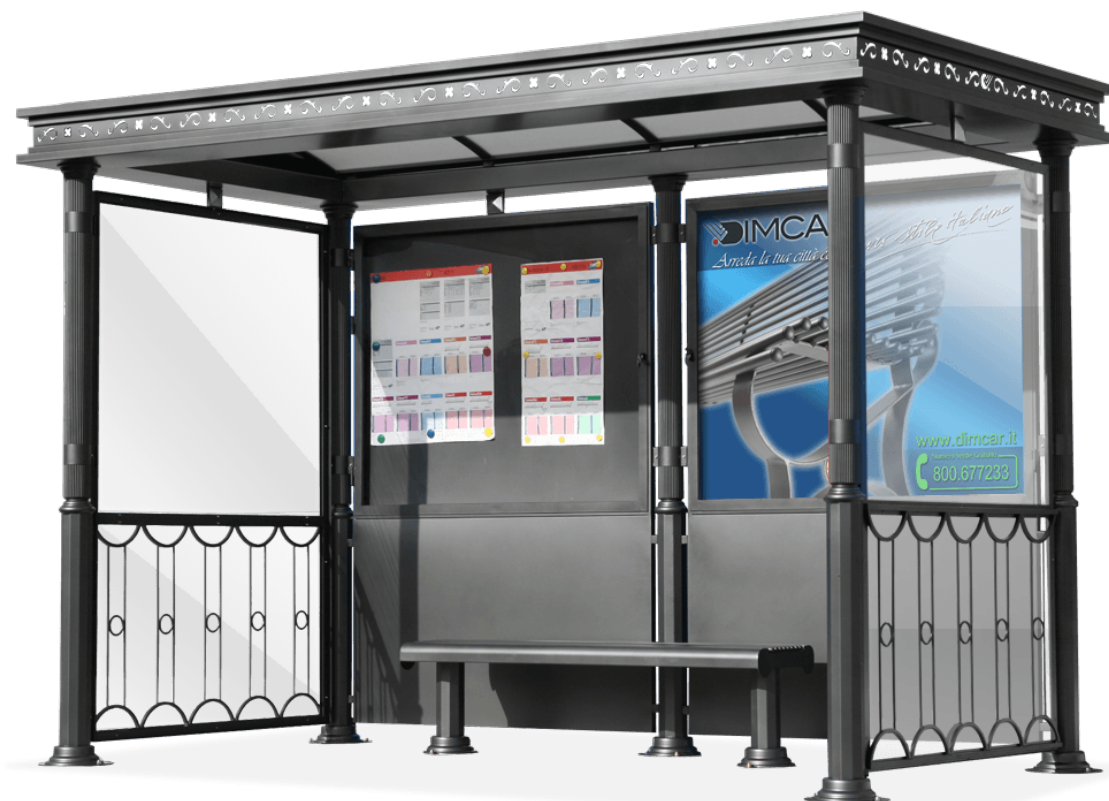
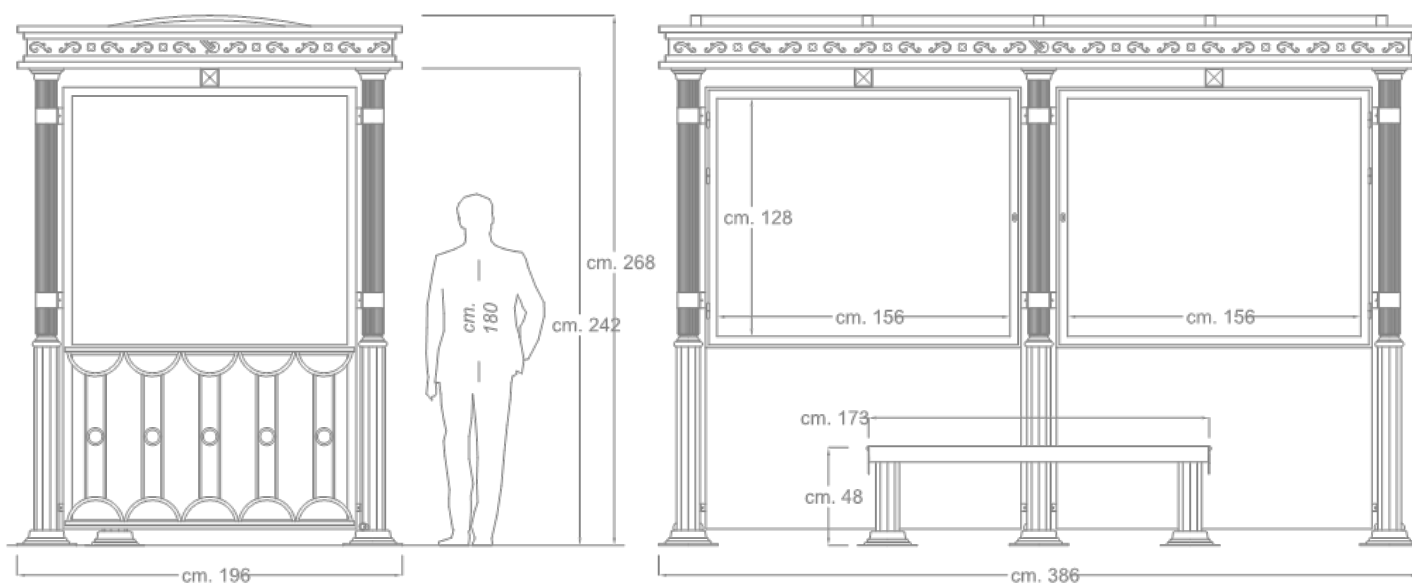


Datasheet  
Shelter Liberty  
Product code 306

Rev. 2 of 16/03/2017



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Dimcar reserves the right to make, at any time, changes on the products deemed useful to improve the quality of the same; the images contained in the sheets may not faithfully reproduce the real colors of the items.

## DESCRIPTION

### Structure

Consisting of 5 columns that start from the bottom in a decagonal shape and become, in the upper part, a round structure made of galvanized steel tube Ø mm. 89x2 covered by 37 decorative rods in galvanized solid tube Ø mm. 8. At the center of the column, a decorative element in turned steel separates the lower part from the upper part. Two elegant bands wrap around the decorative rods that end at the top with an ornamental capital. Each single column is complete with a flange at the base.

- Roof in pure Art Nouveau style, made of galvanized steel thickness mm. 1.5 in which two cantilevered perimeter frames enclose a band characterized by stylised decorative floral carvings. The roof rests on the capitals of the columns and is secured to the walls by means of 4 geometric decorations.
- The internal covering has a vaulted movement and is made of opaque type honeycomb polycarbonate thickness mm. 6 supported by arches in rectangular galvanized steel tube 1.5 mm. 50x10x1.5.
- Back walls made of 1.2 mm thick galvanized steel; in the upper half there are 2 display cases equipped with a book-style door with key lock. Notices or other communications are inserted using magnets.
- Reading side made of compact transparent unbreakable polycarbonate protected from UV rays and particularly suitable for outdoor use, thickness 3 mm
- Side walls made of a perimeter frame in 3 mm thick galvanized steel angular profile; transparent paneling in compact unbreakable polycarbonate, protected from UV rays and particularly suitable for outdoor use, thickness 4 mm. The sealing and fixing of the paneling is ensured by profiles in rectangular tubular galvanized steel measuring 30x10x1.5 mm and 50x10x1.5 mm.
- In the lower part, railing made with arches in square tubular galvanized steel measuring 30x10x1.5 mm. 15x15x1.5 vertical bars and central rings in galvanized solid round Ø mm. 10.

### Bench

Bench consisting of N. 2 decagonal supports made of galvanized sheet metal thickness mm. 3; each individual support is equipped with a flange at the base; N. 2 external profiles in galvanized steel with rounded corners and N. 8 internal profiles in galvanized steel round tube Ø mm. 20x1.5 complete with PVC end caps with spherical head.

**Overall weight:** 601Kg

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COLOR FINISH AS PROVIDED IN THE CATALOG



Iron gray  
( Steel parts )

Customers can request a different finish from the RAL color options available on our website.

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PRODUCT OPTIONALS



[Product code 500 - photovoltaic](#)

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## ANTICORROSIVE TREATMENTS AND FINISHES

### Washing

Spray treatment for removing oil and grease from metal surfaces using special degreasing liquids. Subsequent drying in dryer for 15 minutes.

### Sandblasting

Manual sandblasting process with river sand, which increases the porosity of metal surfaces and thus the adhesion of thermosetting powders.

### Anti-corrosive application

First painting cycle with an anticorrosive thermosetting powder primer based on epoxy resins and special pigments. It provides adequate protection against weathering.

### Anticorrosive polymerization

Baking in an industrial curing oven at a temperature of 180°C. During this stage, the powder turns into a uniform, smooth and durable coating.

### Colored finish application

Final coating cycle with thermosetting powders. Application follows the same principles as the anticorrosive.

### Polymerization colored finish

Final baking in an industrial curing oven at a temperature of 180°C. The procedure follows the same principles as the curing of the anticorrosive. The powder is transformed into a uniform coating, and the surface appearance takes on the characteristics of the chosen color type, e.g. smooth, textured, wrinkled, etc.

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**DELIVERY**

Product supplied in assembly kit with steel hardware and instructions for mounting and grounding.

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**FIXING**

The structure is equipped at the base with plates with holes for anchoring to the ground.

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**CORPORATE CERTIFICATIONS**

**ISO 9001:2015**

Quality management system.

**UNI EN ISO 3834-3:2021**

Welding quality management system.

**EN 1090-1:2009**

The product bears CE Marking in accordance with EN 1090-1:2009 in execution class EXC1.

**Processing center**

Certificate of Processing Center