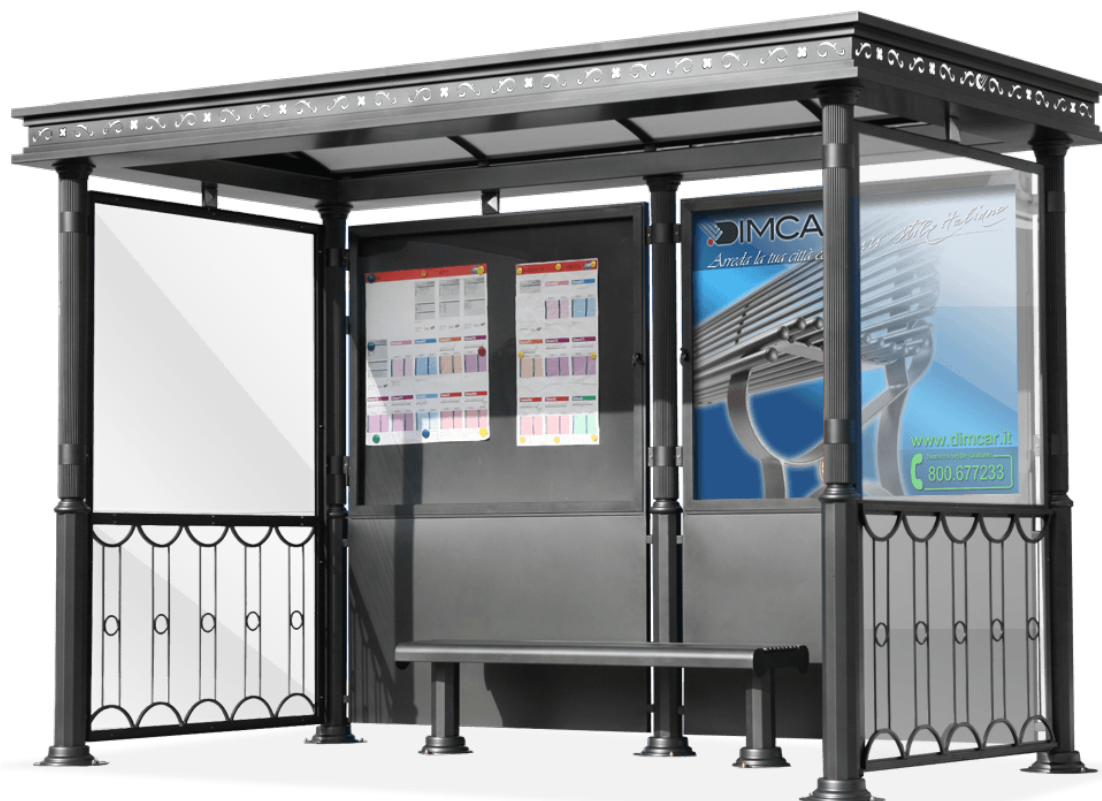


Datasheet

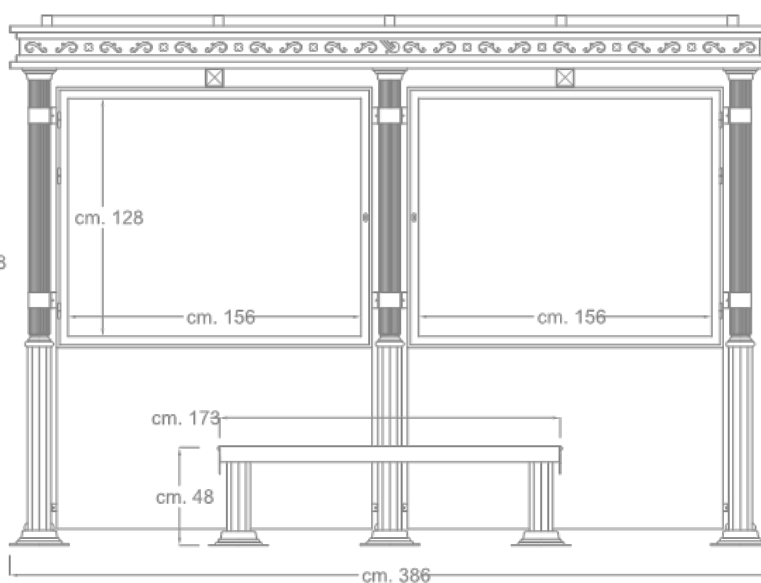
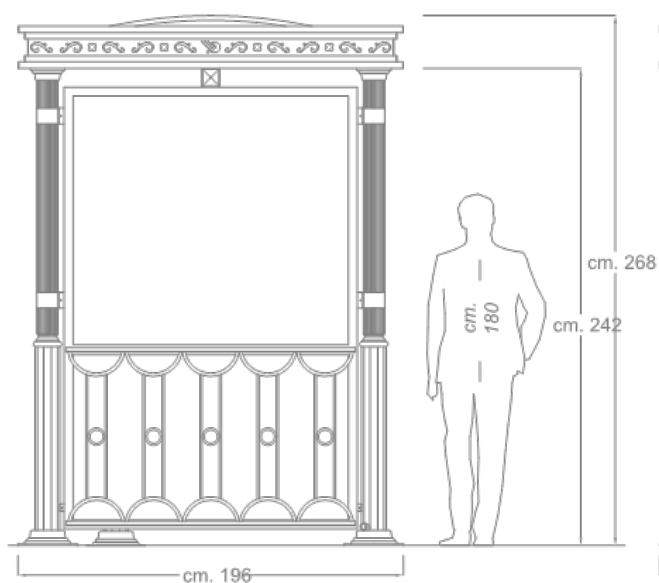
Shelter Liberty

Product code 306

Rev. 2 of 16/03/2017



1/5



Dimcar has the authority to make changes to the products that are useful for improving their quality. The images on the cards may not accurately portray the actual colors of the articles

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.

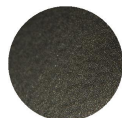
2/5

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

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.

PRODUCT OPTIONALS



Product code 500 - photovoltaic

ANTICORROSIVE TREATMENTS AND FINISHES

Washing

Spray treatment is used to get rid of oils and fats from metal surfaces by using special degreasing liquids. The process involves drying in a dryer for 15 minutes.

Sandblasting

The porosity of metal surfaces is increased by the manual sandblasting process with river sand, which results in an increase in thermosetting powder adhesion.

Anticorrosive application

The first step in the coating process involves using a thermosetting powder anti-corrosion base made of epoxy resins and specific pigments. It provides enough protection against the elements.

Anticorrosive polymerization

The process involves cooking in an industrial curing oven at 180°C. In this step, the powder is transformed into a coating that is uniform, smooth, and lasting.

Polymerization coloured finish

The final phase of coating with thermosetting powders. The application complies with the same principles as the anti-corrosion.

Polymerization colored finish

The final product will be cured in an industrial curing oven at a temperature of 180°C. The procedure is based on the same principles as the polymerization of the anti-corrosion agent. The powder becomes a uniform coating, and the surface becomes the characteristics of the chosen color type, including smooth, peeled, or wrinkled, etc.

4/5

DELIVERY

The product comes with an assembly kit that includes steel screws and instructions for mounting and fixing.

FIXING

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

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 EXC2.

Processing center

Certificate according to Italian Law D.M. of 17 Jan 2018