

MTP

GRP Towers



Mediterraneo's GRP towers, model MTP, are engineered to integrate flashing and rotating beacons c/w their solar power supply system, in order to operate as medium- and long-range Lighthouses.

These towers are manufactured from GRP (glass-reinforced polyester). Colour is pigmented in the raw material, thus the tower colour remains unaltered. Thanks to its watertightness, batteries, control units and other items can be housed inside the tower, in order to be protected from the weather.

MSM bears in mind the difficult access to places where they will be installed; so we take special care of this factor in our designs by making all our towers modular.

Their large surface allows to obtain a day mark according to IALA Recommendations.

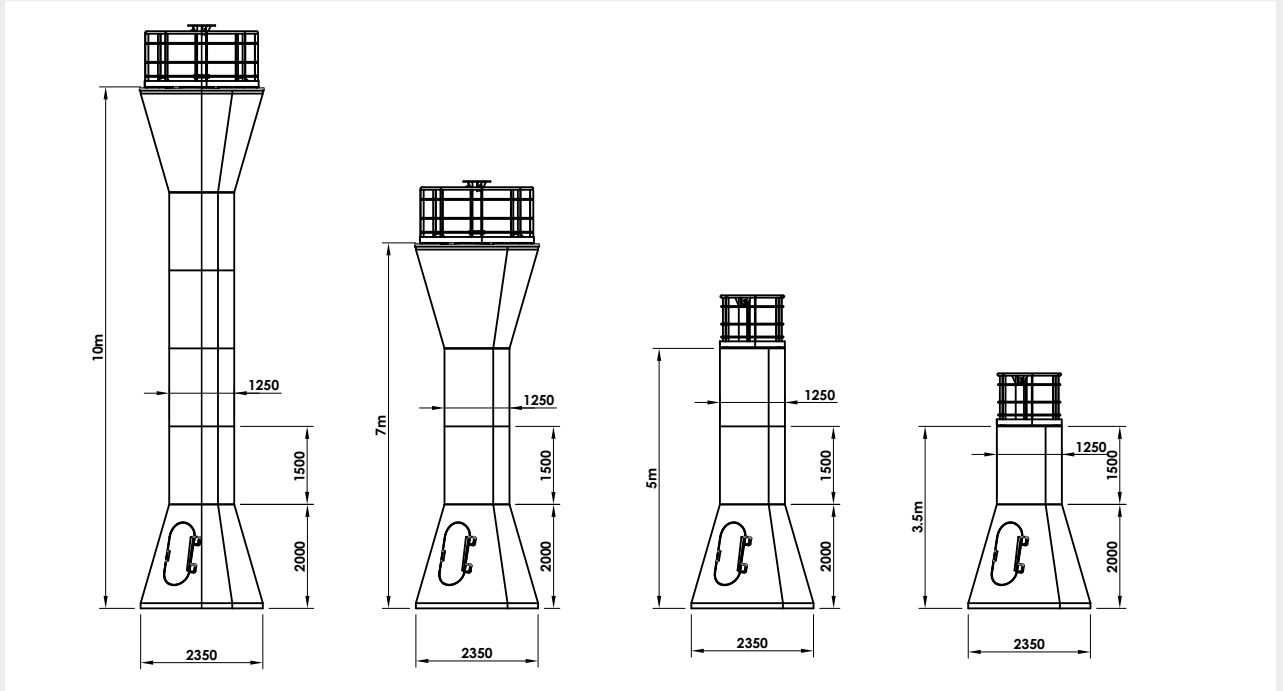
Features:

- Manufactured from glass reinforced polyester (GRP).
- Colour impregnated in the GRP, no need to repaint.
- Heights from 3.5 to 10 metres.
- Easy assembly, due to its modular architecture.
- Fast erection without crane.
- Spacious sized top platform to hold solar modules and batteries.
- Tower accessories and bolting made from stainless steel.
- Wind-speed resistance higher than 180 kph.
- Inner access ladder.
- GRP plates with rings for easy lifting.
- Access door with safety lock.
- Provided with templates for accurate anchor bolt positioning.
- Very useful as day mark.



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Specifications subject to change without previous notice.



MODEL	MATERIAL	FOCAL HEIGHT	BOTTOM BASE	TOP BASE	DIAMETER	WIND SPEED	WEIGHT
MTP 35	Glass reinforced polyester (GRP)	5.0 m	Ø 2.35 m	Ø 1.25 m	1.25 m	180 km/h	375 kg
MTP 50	Glass reinforced polyester (GRP)	6.5 m	Ø 2.35 m	Ø 1.25 m	1.25 m	180 km/h	445 kg
MTP 70	Glass reinforced polyester (GRP)	8.5 m	Ø 2.35 m	Ø 2.35 m	1.25 m	180 km/h	880 kg
MTP 100	Glass reinforced polyester (GRP)	11.5 m	Ø 2.35 m	Ø 2.35 m	1.25 m	180 km/h	1,075 kg

Options

- Internal structure manufactured from stainless steel.
- Solar module supports and battery box on top platform.
- Racon support.
- Lightning protection system.
- Top mark.
- Radar reflector.
- Piece-lifting manual system for tower erection.
- Other heights available under request.



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