

MTP - GRP Towers

Mediterraneo's MTP-GRP towers are especially engineered to incorporate long-range rotating beacons and their solar power supply system for working as medium and long-range lighthouses.

MTP towers are manufactured from GRP (Glass Reinforced Polyester). Colour is impregnated in the raw material, this way the tower colour remains unaltered, not needing to be repainted. They can be painted to serve as a good day mark, according to IALA Recommendations.

Due to its watertight construction, batteries, control units and others to be protected can be placed inside the tower. Protection handrail, inner ladder, beacon support and metallic accessories are manufactured from stainless steel.

Mediterraneo takes good note of the difficult accesses of most of the AtoN final locations. Designers care much for this factor, hence our towers and poles are modular, not being essential the use of cranes for their erection.

F E A T U R E S

- Manufactured from GRP (Glass Reinforced Polyester).
- GRP impregnated colour.
- Heights from 3.5 to 10 metres.
- Easy assembly thanks to its modular architecture.
- Fast erection without need to use crane.
- Spacious top platform to hold solar modules and batteries.
- Tower accessories made from stainless steel.
- Wind resistance up to 180 Kph.
- Inner access ladder.
- GRP plates with rings for easy lifting.



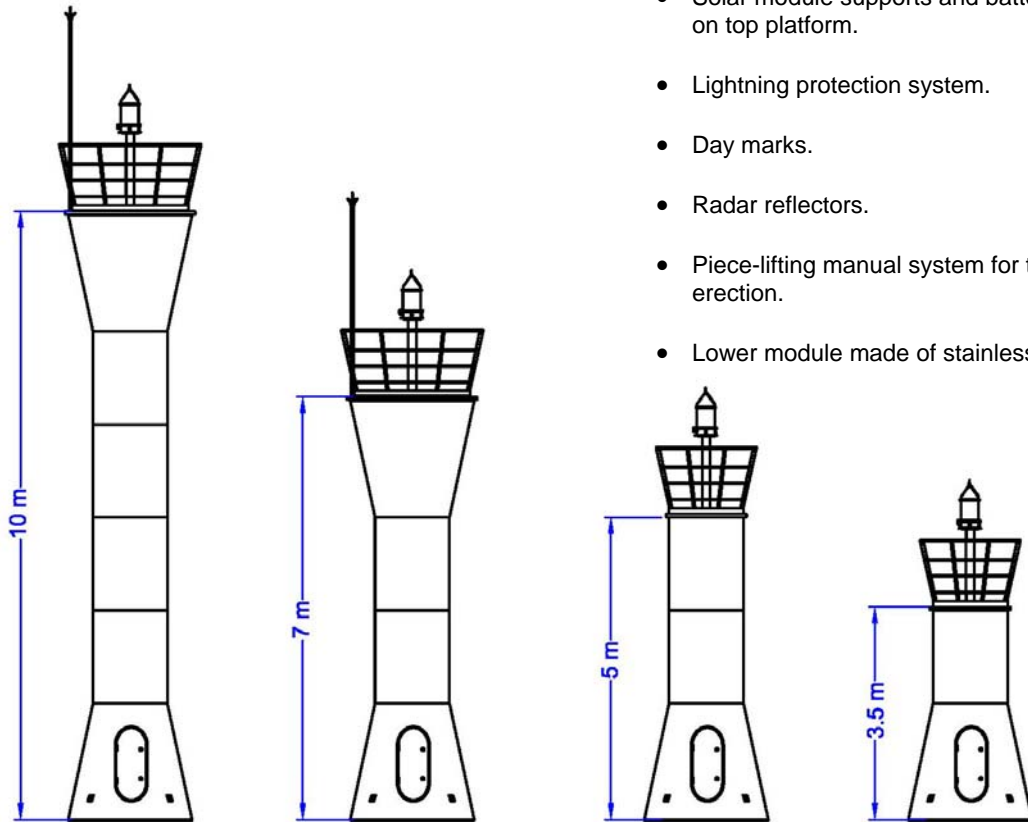
- Access door with safety closure.
- Provided with templates for accurate anchor bolt positioning.



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MTP Tower series

OPTIONS



- Solar module supports and battery box on top platform.
- Lightning protection system.
- Day marks.
- Radar reflectors.
- Piece-lifting manual system for tower erection.
- Lower module made of stainless steel.

Model	Material	Focal Height	Top Base	Wind Speed	Weight
MTP 35	Glass reinforced polyester (GRP)	4.9 m	2.35 m ϕ	180 Kph	375 Kg.
MTP 50	Glass reinforced polyester (GRP)	6.4 m	2.35 m ϕ	180 Kph	445 Kg.
MTP 70	Glass reinforced polyester (GRP)	8.3 m	2.35 m ϕ	180 Kph	880 Kg.
MTP 100	Glass reinforced polyester (GRP)	11.3 m	2.35 m ϕ	180 Kph	1,075 Kg.



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