

MTI

Stainless-steel Towers



Mediterraneo's MTI Stainless-steel Towers are especially designed to integrate flashing and rotating beacons c/w their solar power supply system, in order to operate as medium- and long-range Lighthouses.

Thanks to its watertightness, batteries, control units and other items can be housed inside the tower, in order to be protected from the weather. Protection handrail, inner ladder, beacon support and metallic accessories are also manufactured from stainless steel.

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.

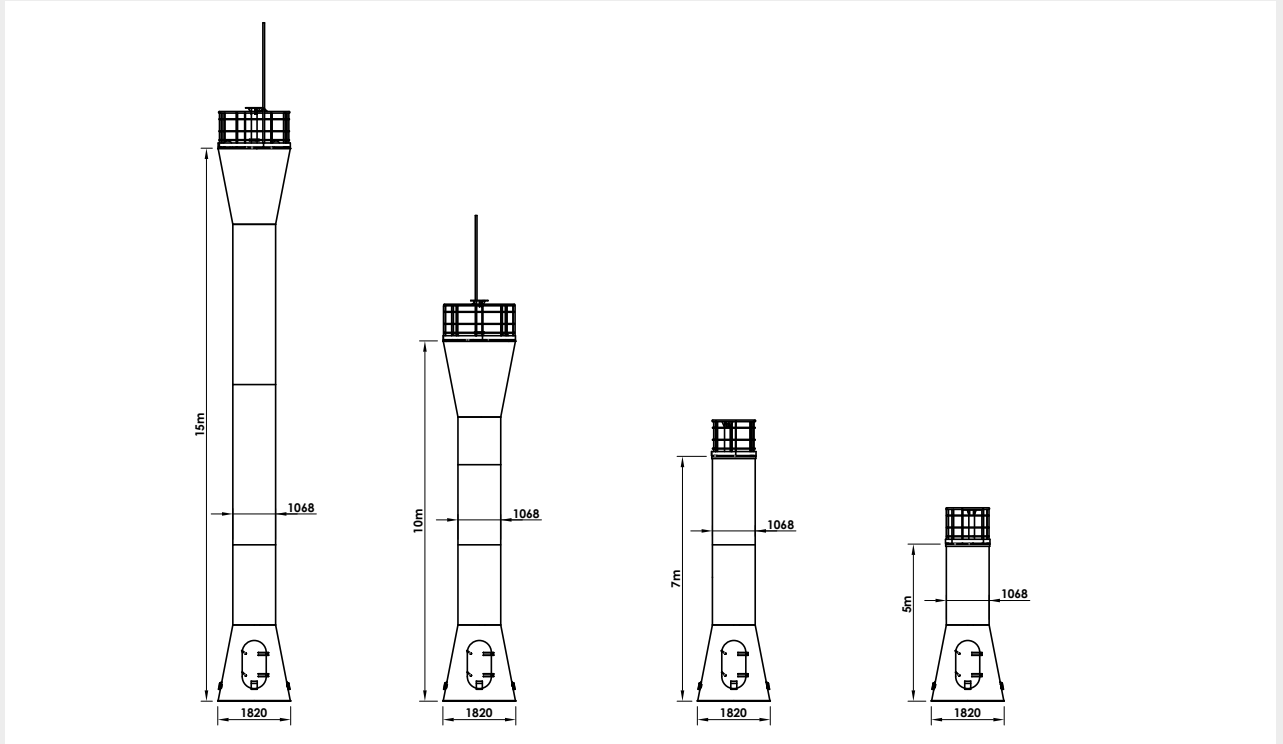
Features:

- Stainless-steel manufacturing.
- Heights from 5 to 15 metres.
- Easy assembly due to its modular architecture.
- Fast erection with use of crane.
- Spacious sized top platform to hold a high number of solar modules and batteries.
- Wind-speed resistance up to 200 Kph.
- Inner access ladder.
- Access door with safety lock.
- Protection against vandalism.
- Provided with templates for accurate anchor bolt positioning.
- Special primer and two external polyurethane paint coats.
- Very useful as day mark.



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Specifications subject to change without previous notice.



MODEL	FOCAL HEIGHT	BOTTOM BASE	TOP BASE	DIAMETER	WIND SPEED	WEIGHT
MTI 50	6.5 m	Ø 1.8 m	Ø 1 m	1 m	200 km/h	2,350 kg
MTI 70	8.5 m	Ø 1.8 m	Ø 1 m	1 m	200 km/h	2,500 kg
MTI 100	11.5 m	Ø 1.8 m	Ø 1.8 m	1 m	200 km/h	3,700 kg
MTI 150	16.5 m	Ø 1.8 m	Ø 1.8 m	1 m	200 km/h	4,600 kg

Specifications

- AISI 304 stainless steel.
- Special primer and two external polyurethane paint coats.
- Internal ventilation system.
- Inner access ladder.

Options

- Solar module supports and battery box on top platform.
- AISI 316L stainless steel.
- 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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