

Beacon Tower

TM 500/TM 800



Combined daymark & radar target & beacon

Beacon Tower TM800 or TM500 has triple functionality. Besides being the superstructure for the light it also provides daymark with superior conspicuity and efficient radar response. It is an ideal solution to replace old beacons or small lighthouses.

The daytime conspicuity enhances the safety of Navigation especially in areas with few natural land marks, like archipelago or arctic environment in winter time when all of the landscape tend to look alike.

Beacon Tower is made from polyethylene and requires only minimum maintenance. The light weight, modular structure and easy foundation enable fast erection with moderate size of equipment. Foundation design comes along with the tower.

The construction utilizes SeaHow's proven spar-buoy technology using high quality materials and encapsulating the components inside the tower body. The tower can be equipped with any marine lantern and different kinds of power sources.



Benefits

- Excellent optical conspicuity
- Improved radar response
- Easy transport and installation
- Low maintenance need

Specifications	TM 500	TM 800
Overall length *)	2.4, 3.6, 4.8 m	4.8, 6.0, 7.5, 9.0 m
Diameter	500 mm	800 mm
Wall thickness	19 mm	30 mm
Polyethylene material	HD 100 extruded pipe	HD 100 extruded pipe
Weight	500/200/250 kg	700/800/950/1100 kg
Retro-reflector	3M diamond	3M diamond
Radar reflector	TH500	TH800
Radar cross area RCS	20 m ²	130 m ²
Color IALA-108	Any color combination	Any color combination
Color and UV stability	26 years (lat. 50)	26 years (lat. 50) on main surfaces
Optional accessories *)		
Lantern and battery	Yes (Sabik as default)	Yes (Sabik as default)
Solar Panel	Yes	Yes
Ladders & sidewalk protection	Yes	Yes
Rack for Devices	Yes	Yes

*) can be adjusted according to customer needs

