

MODULAR TOWERS

ALT 14

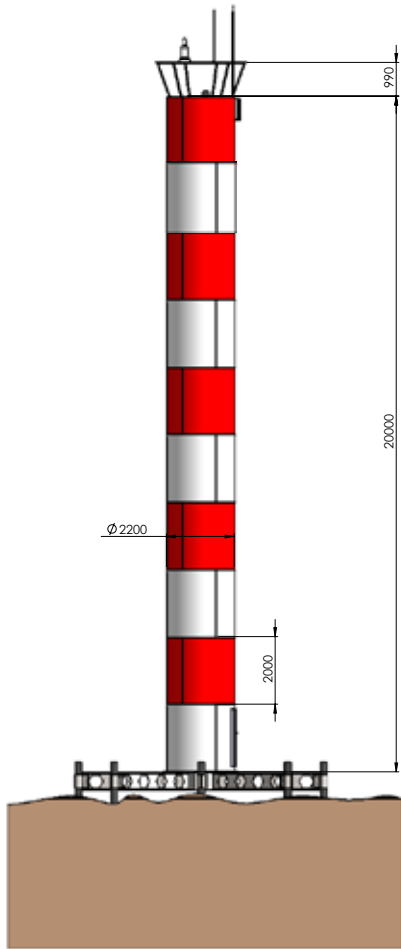
CHARACTERISTICS AND ADVANTAGES

Strength	Custom designed to withstand local weather conditions, concept designed for tropical storms
Self-propelled	Modular structure with an integrated internal crane
Resistance to corrosion	Manufactured in stainless steel
Paint	Customised scheme according to customer requirements
Lantern	Designed to operate with lanterns from any manufacturer
Colours	In accordance with IALA E108 recommendations
Quality	According to ISO 9001, ISO 14001 standards

APPLICATIONS

- Lighthouses and marking of remote areas
- Robust structures for locations with difficult access





FEATURES

Height	Up to 20 m
Lantern bracket	Designed to customer requirements
Anchor bolts	Tailored anchor bolts according to the application
Service life	50 years

CONSTRUCTION & QUALITY

Structure	Constructed from stainless steel sheet metal in cylindrical or prismatic shape. Nominal diameter 2200 mm. Thickness according to loads, heights and local conditions
Material	AISI 316 steel
Screws	A4 stainless steel
Paint	Visible metal components are painted to C5-M according to ISO 12944 for marine environments, using an epoxy primer scheme and aliphatic polyurethane top coat
Standards	Eurocodes 1 and 3
Colours	According to IALA E-108
Manufacturer certificate	ISO 9001:2015, ISO14001:2015, IALA industrial member
Ladder	Internal ladder with lifeline
Recycling	The components are easily recycled with a direct re-use rate nearing 100%
Door	Vertical double door hinge with sealing joint
Upper covered platform	2 m floor diameter, gradient to the outside, outward discharging drains. Internal support for lantern. Covered with a roof which protects the upper platform. The roof which is accessible via a ladder and hatch can carry up to 250 kg of equipment: light beacons, electronic navigation systems as AIS or RACON, solar panels or wind turbines, telecommunications antennas, cameras or coastal surveillance radars
Assembly crane	Internal crane allows for erection of the tower without the aid of external lifting means

OPTIONS

Anchoring systems	Optional metallic and piloted foundations to the use of concrete foundations
Storage	Internal shelving and storage housings