

# MODULAR TOWERS

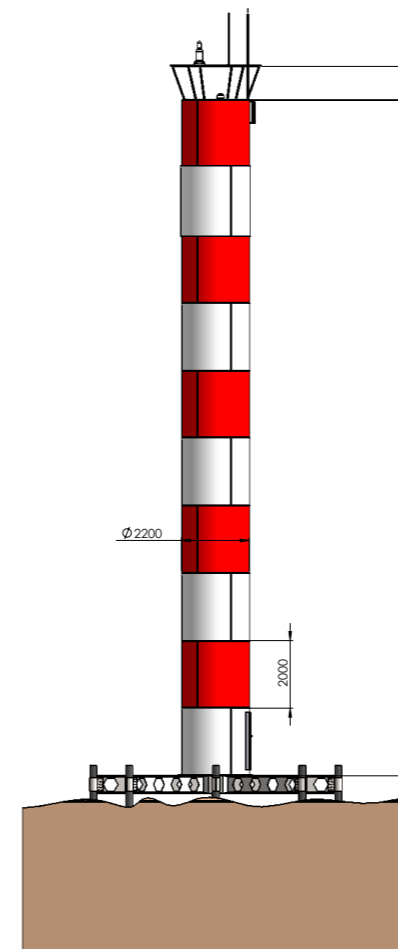
## ALT 14

### CHARACTERISTICS AND ADVANTAGES

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

### APPLICATIONS

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



### FEATURES

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

### CONSTRUCTION & QUALITY

<b>Structure</b>	Constructed from stainless steel sheet metal in cylindrical or prismatic shape. Nominal diameter 2200 mm. Thickness according to loads, heights and local conditions
<b>Material</b>	AISI 316 steel
<b>Screws</b>	A4 stainless steel
<b>Paint</b>	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
<b>Standards</b>	Eurocodes 1 and 3
<b>Colours</b>	According to IALA E-108
<b>Manufacturer certificate</b>	ISO 9001:2015, ISO14001:2015, IALA industrial member
<b>Ladder</b>	Internal ladder with lifeline
<b>Recycling</b>	The components are easily recycled with a direct re-use rate nearing 100%
<b>Door</b>	Vertical double door hinge with sealing joint
<b>Upper covered platform</b>	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
<b>Assembly crane</b>	Internal crane allows for erection of the tower without the aid of external lifting means

### OPTIONS

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