

**This modular buoy type GBM 2400 – 2.5 is 2400mm in diameter and offers a volume of 2.5m<sup>3</sup>. Based on a modular design and offering an increased stability it is intended for protected or semi-exposed sites.**

This modular buoy includes:

- 2 half 2400mm diameter conical PE float
- 1 steel ballast support
- 1 superstructure

The float is made of medium density rotomoulded polyethylene stained in the mass and UV resistant. The float is filled with polystyrene foam in order to guarantee the buoy buoyancy even in case of damage of the polyethylene envelope.

The colour of the polyethylene is in conformance with IALA recommendations.

### Two types of superstructure are proposed:

- A 2m height aluminium superstructure equipped with a nacelle a non skid floor. The superstructure is protected against marine corrosion by a paint system.
- A 2.7m height HVPE superstructure which guarantees a very high visibility to the end users and also a maximum security for the maintenance staff while on board.

Two types of ballast support are proposed:

- Tail tube low draught version (TLD)
- Tail tube high draught version (THD) equipped with a drift to improve the buoy sea keeping.

Several cast iron ballast levels are fixed on its lower part. The paint system protects efficiently the under waterline structure against marine corrosion.



### Optional equipment

- LED self contained lantern or long range LED beacon with solar generator
- Radar reflector, RACON or AIS transponder
- Monitoring system type VEGAWEB

### Buoy specifications

Model	THD ALU	THD HVPE	TLD HVPE
Diameter (mm)	2400	2400	2400
Volume (m <sup>3</sup> )	2.5	2.5	2.5
Reserve buoyancy(m <sup>3</sup> )	1.5	1.46	1.375
Mass (kg)	973	1040	1125
Ballast (kg)	260	260	520
Focal plane (mm)	2750	3400	3400
Draught (mm)	2366	2500	1000
Height of superstructure (mm)	2000	2700	2700

