Diameter: 2.0m  
Volume: 3.10m$^3$

For semi-exposed & sheltered sites

With its modular design, the GBM-2000 can match various applications. The combination of its 3 main elements is custom-made according to site conditions and client requirements.

- 2 segments of float in virgin polyethylene, UV stabilised and precompounded to reduce colour ageing, with standard wall thickness 10mm (higher available upon request), and expanded polystyrene (EPS) foaming
- High Visibility Polyethylene (HVPE) or Aluminium (ALU) spar
- Central structure in galvanized steel type standalone tube with a concrete ballast directly integrated and encapsulated in a polyethylene envelope (SATPE)

2 types of spar, to offer enhanced visibility and match all focal plane requirements

3 TYPES OF SPAR

HVPE
1.3m high

ALUMINIUM
Adjustable from 2 to 3m to comply with focal plane requirements

2,0M DIAMETER FLOAT

3.1m$^3$ volume  
Filled with EPS foam

GALVANIZED STEEL  
CENTRAL STRUCTURE

SATPE: standalone tube with ballast integrated in PE envelope

ADDITIONAL CHARACTERISTICS

- Reserve buoyancy (m$^3$): 2.2
- Focal plane (m): 2.5 to 4.2
- Draught (m): 1.2
- Overall height (m): 4.6 to 6.4
- Ballast (kg): 400
- Total weight (kg): Approx. 980
- Visibility (m$^2$): 3.0 to 3.7
- Recommended mooring: Ø 25mm open link chain with bridle
- Recommended lantern: Self-contained LED lanterns or standalone lanterns with solar generator with range from 2 to 5.5NM

The standalone tube enables the buoy standing upright in service yards or vessels.