

INFLATABLE OIL STORAGE BARGE

TECHNICAL SPECIFICATION

Vikoma
Technology for a Cleaner Environment

INFLATABLE OIL STORAGE BARGE

Part No	5010PL	10m ³ capacity
	5025PL	25m ³ capacity
	5050PL	50m ³ capacity
	5100PL	100m ³ capacity

Application

The Inflatable Oil Storage Barge is a towable floating oil / water storage tank with a pocket shaped bottom. It can be used for recovered oil as collected from a skimmer, or may be used for transportation of all kinds of low-density products.

Construction

The hull is manufactured from hypalon/neoprene coated fabric in a "horseshoe" shape, and is composed of compartments with internal airtight conical bulkheads. These bulkheads are closed on the rear section of the hull by a transverse section.

Each airtight compartment is fitted with a valve for inflation purposes. Stiffening of the hull is achieved using two or three transverse frames, the number of frames depending on size of craft.

A pocket shaped bottom is fabricated into the length of the hull along with handling straps.

Along the sides of the hull, there is a neoprene anti-chafing band. To aid in directional stability there are aft keel sections, which fill with water.

The Inflatable Oil Storage Barge is supplied complete with a removable top cover with inflatable beam, which contains access hatch and filling points.



Accessories Included

- Top cover with an inflatable stiffener
- Integral towing strop
- Lifting sling
- Inflator / Deflator unit 110 volt
- Repair kit
- Aluminium storage container

Optional Accessories

- Repair kit (SK/1015)
- Transformer 110 volt (AB/0011)
- Suction strainer (FT/0051)

oil storage tanks

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oil storage tanks

Dimensions

	5010PL	5025PL	5050PL	5100PL
Capacity*	10 m ³	25 m ³	50 m ³	100 m ³
Length*	750 cm	900 cm	1100 cm	1515 cm
Width*	300 cm	396 cm	460 cm	535 cm
Draught empty*	-	115 cm	125 cm	125 cm
Draught fully loaded*	130 cm	170 cm	200 cm	280 cm
Horseshoe shaped hull dia*	-	88 cm	90 cm	97 cm
Air chamber compartments*	6	8	9	12
Inflatable volume*	8 m ³	12 m ³	18 m ³	30 m ³
Maximum towing speed empty*	10 knots	10 knots	10 knots	10 knots
Maximum towing speed fully loaded*	4.5 knots	4.5 knots	4.5 knots	4.5 knots
Inflation pressure Hot countries*	0.15 bar 2.1 psi	0.15 bar 2.1 psi	0.15 bar 2.1 psi	0.15 bar 2.1 psi
Inflation pressure Temperate regions*	0.18 bar 2.6 psi	0.18 bar 2.6 psi	0.18 bar 2.6 psi	0.18 bar 2.6 psi
Shipping dimensions*	121x90x90cm	161x110x110cm	188x130x119cm	210x130x149cm
Shipping weight*	Net 200 kg Gross 315 kg	Net 292 kg Gross 410 kg	Net 450 kg Gross 590 kg	Net 800 kg Gross 964 kg

*Note: All Dimensions, Weights and Details are Approximate and for Reference Only