



SpillRanger

Product Summary

The SpillRanger has been designed to recover oil and contaminated debris from the nearshore environment, rivers, ports and harbours. The multipurpose oil recovery vessel is equipped with a Pollution Pod mop skimmer, recovered oil separating systems and storage tanks. It is designed to be used as an emergency oil response mobile unit on land or at sea.

Capable of recovering up to 15,000 litres an hour of oil and floating chemicals, it removes mineral oils, vegetable oils, and animal fats as well as insoluble chemicals, scum, foam and bacterial bloom.

Multi-Purpose Work Boat

The SpillRanger is a multi-function, highly manoeuvrable craft manufactured from high-quality 4mm marine grade aluminium – and a Pollution Pod mop skimmer for oil recovery.

The unique drop-in ‘pod’ system allows a range of duties to be undertaken efficiently, whilst also offering a large working area and excellent stability.

Key Benefits

- Lightweight, aluminium catamaran that can be used in shallow waters where larger vessels may run aground, such as estuaries, marsh, and mangroves
- Highly manoeuvrable and can be operated with minimal crew for fast and cost-effective deployment
- Made to order, the oil recovery equipment on board the vessel can be tailored to your requirements
- High quality fabrication using state-of-the-art equipment
- Ability to recover a large amount of spilt oil floating on the watercourse which can be either stored on the vessel or pumped into floating oil storage tanks.

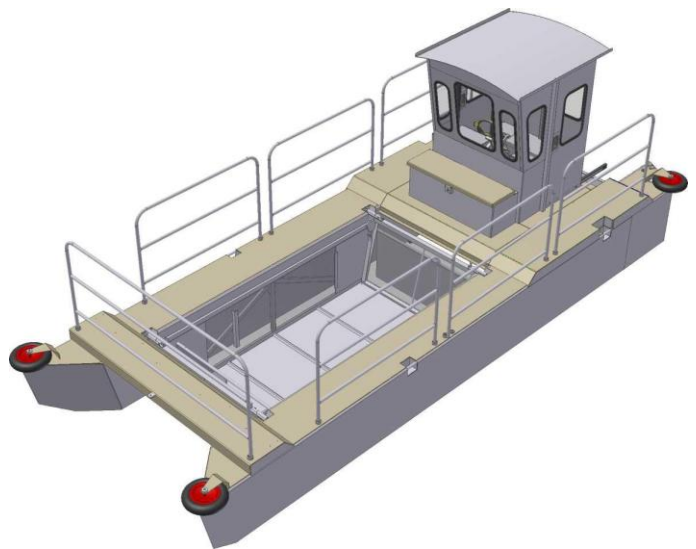
Oil Recovery Vessel to Suit Your Needs

We work closely with our customers, suppliers and fabricators to deliver an end product that fits your requirements. The specification of the pollution pod can be tailored to your needs. It's all made to order so the vessel specification can also be amended, within reason.

Standard Vessel Specification

Length (Hull)	7.00m (23')
Breadth	2.5m (8' 2")
Depth	0.70m (2' 4")
Displacement (Lightship*)	1,270kg (2,800lbs)
Operating Draft (Lightship)	0.15m (6")
Max. Height (above water level)	2.10m (6' 10")
Speed (dependent on configuration)	2-7 knots
Operational Range	Protected / Sheltered Waters
Engine	25 or 50hp Yamaha BETL long shaft, high thrust outboard with dual thrust propeller

*Lightship condition: hull, litter basket, safety rails, 25hp outboard engine, full fuel tanks and deck plates in position.



Note: The images shown are for illustration purposes only and may not be an exact representation of the product.

Email: sales@darcy.co.uk

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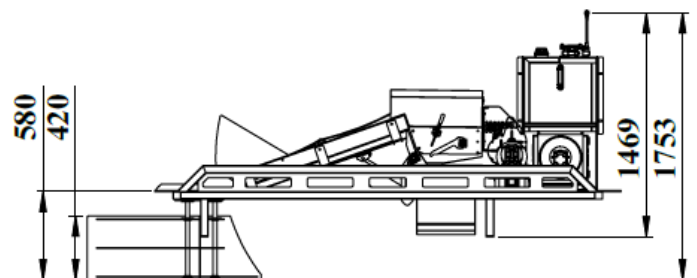
Pollution Pod – Mop Skimmer for OSRVs

The Pollution Pod is a specially designed oil mop skimmer system purpose built to fit into the SpillRanger.

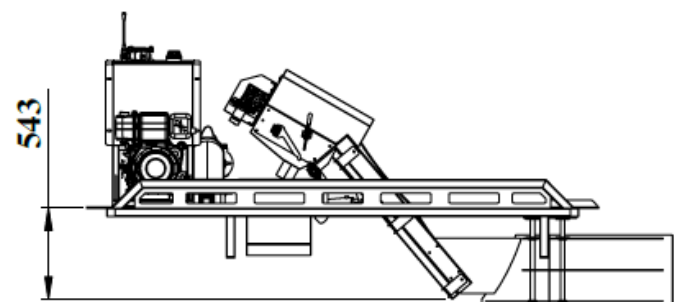
The Pollution Pod is an independent package which is lowered into the catamaran and fixed down with the four lock bolts (one in each corner). The skimmer has its own diesel hydraulic power pack, lifting RAM and transfer pump.

It consists of the following major items; skimmer head, receiving tank, transfer pump, power pack, pollution pod frame, removable oil capture wings, lifting RAM.

Pollution Pod	
Dimensions	3m L x 1.5m W x 1.8m H
Weight (Gross)	600kgs
MOC	Varies – Aluminium 5083, Stainless Steel 316
Skimmer Head	
Type	Dual Squeeze Head – Mop Type
Power	Hydraulic 12 L/Min @ 50 bar
Mop type	High-Capacity Triple Layer
Mop MOC	Polypropylene
Skimmer MOC	Variable – Stainless Steel 316, Polypropylene, Aluminium 5083
Max. Skimmer Speed	30m per minute
Recovery Capacity	15,000 Litres Per Hour
Receiving Tank	
Capacity	200 litres
Screen	25mm, removable
MOC	Aluminium 5083
Transfer Pump	
Type	Diaphragm, self-priming, dry running
Solids	28mm
Power	Hydraulic, 24 L/Min @ 100 bar
Capacity	15,000 Litres Per Hour
Suction/Discharge	2" BSP
Power Pack	
Type	Diesel Engine, with chawyn (overspeed) valve and spark arrestor
Power	7.5kw
Control	Triple Valve Block Variable Speed, 1 x Skimmer, 1 x Pump, 1 x Cylinder
Hydraulic Capacity	70 litres with cooling fan powered by skimmer return line



SKIMMER UP



SKIMMER DOWN

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