

DESMI TARANTULA

High capacity offshore skimmer



- Affordable high capacity.
- Capable of recovering a wide range of oils.
- Self-adjusting weir.
- Optional disc skimmer module.
- Two independently controlled DESMI DOP-250 pumps.
- Cutting knives fitted to pumps for trash handling.
- Thrusters for remote positioning of skimmer.
- Hydraulic knuckle crane matched with power pack.
- Skimmer weight only 340 kg / 750 lbs.
- Readily available parts.
- Low maintenance.

The DESMI TARANTULA skimmer is the latest generation offshore skimmer system from RO-CLEAN DESMI, who designed and manufactured the original Archimedes' screw pump weir skimmer.

The design of the DESMI TARANTULA skimmer has benefited from a continuing development program over nearly 20 years. The resulting system is the most versatile, powerful and seaworthy unit in its class.

All components are manufactured in marine grade aluminium, stainless steel or polypropylene.

Wireless remote control and thruster system to allow remote positioning of the skimmer head and operation of the hose reel are available for the DESMI TARANTULA.

The DESMI TARANTULA incorporates two powerful DESMI DOP-250 screw pumps that deliver a maximum total capacity of 250 m³/h and can develop discharge pressures up to 10 bar while maintaining nearly maximum flow. It is capable of pumping a wide range of oils even with high viscosity.

Each pump is fitted with a cutting knife that will handle many types of trash found in oil spills.

The DESMI TARANTULA offers high capacity skimming at an affordable price combined with well-proven components.

RO-DISC or BRUSH module can be mounted on top of the DESMI TARANTULA for highly selective oil recovery.

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TECHNICAL DATA

July 2004

Nameplate capacity:	250 m ³ per hour / 1100 US gpm
Inlet weir:	Self-adjusting, 1.36 m / 53" diameter
Operating draft:	0.85 m / 33"
Weight:	340 kg / 750 lbs 380 kg / 838 lbs with thrusters
Onboard pumps:	2 x DESMI DOP-250
Max discharge pressure:	10 bar / 145 psi
Max solids size:	50 mm / 2"
Pump discharge:	6 inch
Maximum hydraulic demand:	320 litres per min / 84 US gpm 210 bar / 3,045 psi
Power pack:	119 kW / 159 hp
Hydraulic hose connections (pumps):	2 x 1 inch, 1 x 3/8" drain plus thruster hoses (optional)
Dimensions:	2.35 x 2.35 x 1.25 m / 92 x 92 x 49"



The DESMI TARANTULA can now be fitted with thrusters for remote positioning of the skimmer (optional).



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