

MEGATOR

Pumping & Pollution Control Solutions

Self-Contained Packaged Systems For Use With Dilute Or Neat Dispersant

Megator dispersant spray systems are portable light weight pump sets that can be quickly and easily mounted on tugs, offshore supply vessels and other pollution control craft.

The pump sets consists of a single positive displacement sliding-shoe pump, prime mover, relief valve and interconnecting pipework, all mounted on an aluminium frame.

Used to pump either neat or dilute dispersant. Dispersant dilution gives approximately between 6% and 30% pumping ratio with sea water.



- ➔ Open-sea or inshore duty
- ➔ Self-priming with powerful suction performance
- ➔ Diesel or electric drive
- ➔ Above or below deck installation
- ➔ The original Megator system was tested and approved by the UK's Warren Spring Laboratory

Dispersant consumption is appreciably reduced by using the MegaSpray units. With its outstanding self-priming and dry-running capability, the Megator sliding-shoe pump can be stopped after the first run through an oil slick and then simply restarted for the second pass without the worry of loss of prime.

The MegaSpray system does not require an additional pump or eductor to pump diluted dispersant. This makes installation, operation and maintenance of the unit extremely easy.

MegaSpray Oil Dispersant Systems

Technical Specifications

Systems suitable for 50Hz electrical supply					
Model	Flowrate		Power rating kW	Weight	
	lt/min	US gpm		Electric kg	Diesel kg
MegaSpray 125	40	10	1.1	65	80
MegaSpray 150	82	22	1.5	80	110
MegaSpray 200	142	37	3	115	130

Systems suitable for 60Hz electrical supply					
Model	Flowrate		Power rating kW	Weight	
	lt/min	US gpm		Electric kg	Diesel kg
MegaSpray 125	47	12	1.1	65	80
MegaSpray 150	100	26	1.5	80	110
MegaSpray 200	167	44	3	115	130

Pump specification

Megator L-type positive displacement, sliding-shoe pump with aluminium casing, stainless steel rotor, port plate and mechanical seals. Total head 30 metres. Max suction lift 7.5 metres

Electric motors

IP56, suitable for 380-440 volts, 3 phase, 50-60Hz supply (other voltages available on request).

Diesel engines

Single cylinder, vertical 4 cycle air cooled complete with fuel filter, air cleaner exhaust muffler, fuel tank and recoil start.

Pipework

Unit supplied complete with interconnecting pipework, relief valve and vacuum limiting valve fitted to pump. Dispersant suction fitted with isolating and non-return valve. Suction and discharge fitted with snap-lock connections.

Dispersant flowmeter

PVDF Paddle wheel flowmeter complete with 4 digit LCD display.

Options

- ➔ Dispersant spray arms
- ➔ Total flowrate flowmeter
- ➔ Starter complete with remote start/stop
- ➔ Spares kit
- ➔ Custom built systems



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