

Self-Contained Packaged Units For Use With Concentrated Or Diluted 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 set 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 1:10 pumping ratio with sea water.



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

Dispersant consumption is appreciably reduced by using Megator 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 Megator system does not require an additional pump or eductor to pump diluted dispersant. This makes installation, operation and maintenance of the unit extremely easy.

Technical Specifications

Unit	Neat Dispersant		Dilute Dispersant Flowrate (50Hz/60Hz)				Power rating	Weight	
	Flowrate (50Hz/60Hz)		Seawater		Dispersant			Electric	Diesel
	lt/min	US gpm	lt/min	US gpm	lt/min	US gpm	HP	lbs	lbs
	DP125	40/47	10/12	36/42	9.6/11	4/5	1/1.2	1.5	143
DP150	82/100	22/26	73/93	19/24	7/9	1.8/2.4	2	198	242
DP200	142/167	37/44	128/150	34/40	14/17	3.6/5	3	253	286

Pump specification

Megator L-type positive displacement, sliding-shoe pump with aluminium casing, stainless steel rotor, port plate and mechanical seals.

Electric motors

IP55, TEFC to Lloyds regulations for below-decks service. 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 nonreturn valve. Suction and discharge fitted with snap lock connections.

Options

- > Dispersant spray arms
- > Dispersant proportioning attachment complete with digital flowmeter
- > P56 rated motor suitable for deck mounting
- > Spares kit

