



WIDESPRAWY - Shipboard dispersant spray system

PROVEN OIL SPILL TECHNOLOGY

# WIDESPRAY - Shipboard dispersant spray system

The WIDESPRAY dispersant spray system comprises of a diesel driven pump set, a pair of spray arms fitted with special nozzles and a set of hoses for the suction of seawater, dispersant and discharge to the spray arms.

The WIDESPRAY unit can be diesel or electrically driven.

The pump set is fitted with a flow meter and a recirculation valve that allows you to set the flow rate according to the desired application rate.

For dilute spraying an eductor is fitted which will give a mixture of up to 30% dispersant chemical in the seawater. This percentage can be varied.

The standard 4-6 m spray arms can be fixed to the sides of a vessel, preferably near the bow. Each arm is supplied with 3-4 nozzles that provide an even spray pattern.

The nozzles are provided with down pipes for vessels with a high freeboard.



## Advantages of the WIDESPRAY

- Diesel driven spray set for the application of oil spill dispersant chemicals
- Spark arrestor and electric start standard
- Optimum droplet size
- Efficient use of the expensive chemical
- Down pipes included
- Neat and dilute application
- Choice of spray arms

## TECHNICAL DATA

Diesel engine:	3.1 kW / 4.15 hp, electric start and spark arrestor.
Pump:	Diaphragm
Max output:	100 litres per minute / 26 US gallons per minute
Eductor output:	30% maximum
Pump set dimensions:	1.12 x 0.7 x 0.68 m / 44 x 28 x 27 in
Weight:	116 kg / 256 lbs
Spray arms:	4.5 m / 177 in or 6 m / 236 in long each made in aluminium. Each arm is fitted with down pipes and a number of nozzle positions. Down pipes 1.25 m / 49 in long are included with the spray arms to bring the nozzles closer to the water for vessels with a high freeboard. The arms can rotate horizontally to allow them to be swung over the side.
Stanchion:	Each arm is supplied with a stanchion that is fixed to the vessel. The stanchion allows vertical adjustment of the spray arm to allow for vessel roll and freeboard.
Hose set:	2 x 8 m / 26 ft delivery hoses 1 x 8 m / 26 ft seawater suction hose 1 x 8 m / 26 ft dispersant suction hose

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