



SPATE PD 75 - Double diaphragm suction pump

PROVEN OIL SPILL TECHNOLOGY

SPATE PD 75 - Double diaphragm suction pump

The Spate PD 75 double diaphragm pump is an extremely versatile pump suitable for a wide variety of applications.

The pump is ideal for operation in oil spills, de-watering, construction, industry, tank cleaning and other general pumping duties.

The double diaphragm design creates a powerful suction and lift ability. These same diaphragms have a gentle pumping action that does not emulsify oil and water. This allows rapid gravity separation following pumping.

The speed and output of the hydraulically driven model is infinitely variable. It can be supplied with a hydraulic power unit.

Both models are delivered fitted with oil resistant regulators.

Simplicity of design and construction provide for total ease of maintenance. This extremely rugged pump has been used worldwide for various oil recovery applications.



Advantages of SPATE PD 75:

- Double diaphragm pump with the ability to self prime and run dry
- Diesel and hydraulically driven versions
- Lightweight and compact
- Capacity up to 30m³ per hour
- Solids handling up to 6 mm
- Suction lift up to 9.1 m / 30 feet
- Delivery head up to 30.5 m / 100 feet
- Proven design

TECHNICAL DATA

Capacity:	30 m ³ per hour
Total head:	40 m / 130 ft
Delivery head:	30.5 m / 100 ft
Self-priming lift:	8.8 m / 29 ft (water)
Suction lift:	9.1 m / 30 ft
Solids size:	6 mm / 0.25 in
Air handling capacity:	3.77 l/sec / 8 ft ³ /min
Pump speed:	1500 strokes per minute
Port size:	3 in Camlock type or spigot
Dimensions - diesel model:	1.0 x 0.64 x 0.57m 70kg / 39 x 25 x 22.5" 154 lbs
Hydraulic model:	0.58 x 0.5 x 0.45 m 36kg / 23 x 20 x 18" 79 lbs
Hydraulic connections:	1/2 in supply & return
Minimum hydraulic flow:	18.5 lpm / 4.9 US gpm
Maximum hydraulic flow:	37.5 lpm / 9.9 US gpm
Hydraulic pressure:	120 bar / 1,740 psi

The Spate PD 75 can be supplied with a floating suction head - MINI-MAX for the recovery of oils and other floating materials such as ash, scum and algae.

The diesel driven model is delivered with a stone catcher and two small wheels to aid movement.