

Displacement Pump



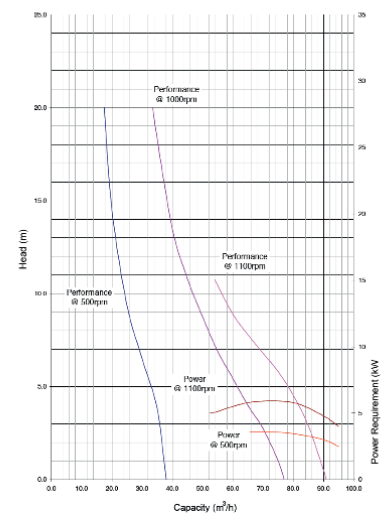
PUMP FEATURES

- Non-turbulent flow
- Compatible with viscous liquids
- Diesel, hydraulic and electric motor options
- Pairs with a variety of oil spill response equipment
- World-renowned performance



Performance Curve

PD100



The Displacement Pump handles both light and heavy oils, including hydrocarbons. The pump is designed to handle highly viscous liquids, at a high, non-turbulent flow rate. The versatile pump works flawlessly in demanding conditions, specifically oil spill response operations and challenging environments. The pump has been used worldwide in oil recovery applications and works in conjunction with a wide variety of recovery equipment and skimmers, including the ScorTail 60 Brush Belt Skimmer. The pump has a capacity of 77 m³/h and can handle solids up to 16 mm in diameter. The self-priming lift of the pump is 8.8 m (28.8 ft).

- The pump comes fitted with a Lombardini™ LDW702 diesel engine; hydraulic and electric motor options are available
- Diesel, petrol, electric, hydraulic and pneumatic drives can be fitted to suit individual needs
- Simplicity of design and construction provide for total ease of maintenance
- The pump can be fitted with a spark arrestor and Chalwyn™ valve for increased safety
- The system will not be harmed if run dry
- The pump comes with a static chassis and threaded connections

TECHNICAL SPECIFICATIONS

Nameplate Capacity	77 m ³ /h
Total Head Lift (max.)	20 m
Length	249 cm
Width	120 cm
Height	128 cm
Weight Dry/Wet	555 kg/643 kg
Solids Size Tolerance (max.)	16 mm
Self-Priming Lift	8.8 m
Pump Speed (min. - max.)	500-1000 rpm
Inlet/Outlet Port	100 mm (4")
Power Requirement	6 kW
Air Handling	11.8 l/s

PUMP APPLICATIONS

- Liquid Transfer
- Dewatering
- Lightering

PUMP SYSTEM

- Skimmer
- Hydraulic Power Pack
- Temporary Storage
- Hydraulic Hoses
- Transfer Hoses