

AL100M - 100mm Automatic Priming Pump

The SPP AUTOPRIME AL100 pump is a diesel driven pump unit designed to pump liquids containing sand, sewage and semi solids. Typical uses are removal of ground and rain water from excavations, trenches, footings, manholes and ponds etc. May also be used for stream and pipe diversions and flood water control.



DESIGN FEATURES

- Site trailer with four wheels for stability and fold up tow/draw bar.
- 12 volt battery starting by key switch is standard.
- Pump will pass solids up to 44mm diameter.
- Reliable double mechanical seals which allow dry running. Optional spring assisted pressure seal.
- Pump can be left running when liquid is exhausted and will self prime when liquid is present.
- Rugged construction requires minimal operator maintenance.
- 25 cfm Vacuum Pump with coalescer and air exhaust to atmosphere
- Pump will run on load for 21 hours before refuelling

PUMP SPECIFICATIONS

Flow Rate	150 m ³ /h Maximum
Discharge Head	25 m Maximum
Working Pressure	10 bar Maximum
Hose Size	100mm (4 in.) Dia.
Max Solids Size	44 mm Diameter
Pump Speed Range	1500 rpm to 1600 rpm
Pump Casing	Cast Iron
Impeller	SG Iron
Pump Shaft	Stainless Steel
Wear Plates	SG Iron
Suction Sump	Cast Iron

Specifications may be subject to change without notice.

Shaft Seal	Silicon Carbide/Silicon Carbide	
Elastomer	Viton	
Diesel Engine	Lister TR2 Air Cooled	
Power Rating	11kW @1600 & 13.1kW	
Starting	12 Volt Battery by Key Switch	
Operating Speed	1600 rpm	
Fuel Tank Capacity	70 litres	
Full Load Consumption	3.3 litres per hour average	
Full Load Running Time	21 hours	
Chassis Options	Not Applicable	
Weight Dry	670 kg	



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AL100M - 25 x TR2

Curve Ref: AL100M-25-TR2-v1

Speed: see below (rpm)

Suct x Disch: 100 x 100 mm

