



AUTOPRIME

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ACE100 - 4" (100mm) Automatic Priming Pump

The SPP Pumps AUTOPRIME ACE100 pump is a compact diesel driven pump unit designed for ease of handling and ability to pump liquids containing sand, sewage and small 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

- Road trailer with ball or ring hitch, and central lifting point. Optional skid or unmounted versions.
- Fully enclosed 12 volt battery for safety and security with starting by key switch.
- Pump will pass solids up to 1.6" (40mm) diameter.
- Reliable double mechanical seals which allow dry running for extended periods.
- Pump will prime itself automatically when liquid is present and can be left running unattended.
- Rugged construction requires minimal operator maintenance.
- Dry running 25 cfm (40 m³/h) Vacuum Pump exhausts oil free air direct to atmosphere.
- Pump will run on load for 24 hours before refuelling.

PUMP SPECIFICATIONS

Flow Rate	602 USgpm (136m ³ /h) Max
Discharge Head	82ft (25m) Max
Working Pressure	145psi (10bar) Max
Hose Size	4 in (100mm) Dia. Max
Max Solids Size	1.6in (40mm) Dia.
Pump Speed	2000 rpm
Pump Casing	Cast Iron
Impeller	Cast Iron
Pump Shaft	Stainless Steel
Wear Plates	Cast Iron
Suction Sump	Cast Alumimium

Seal Faces	Silicon Carbide/Silicon Carbide
Seal Elastomer	Viton
Diesel Engine	Hatz 1D90 Air Cooled
Power Rating	10.3HP (10.3Kw) @2000rpm
Starting	12 Volt Battery by Key Switch
Operating Speed Range	2000 rpm
Fuel Tank Capacity	14.5 USgals (55 litres)
Full Load Consumption	0.6 Usgals/h (2.3 l/h)
Full Load Running Time	24 hours
Chassis Options	Skid mounted
Weight Dry	950 lbs (430 kg)

Specifications may be subject to change without notice.

