

ACE80 - 75mm (3") Automatic Priming Pump

SPP Pump's AUTOPRIME ACE80 pump is a compact diesel driven pump unit designed for ease of handling and ability to pump most liquids including 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 un-mounted versions.
- Fully enclosed 12volt 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

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|---------------------|-----------------------|
| Flow Rate | 100m3/h Maximum |
| Discharge Head | 25m Maximum |
| Suction Hose Size | 75mm (3") Diameter |
| Discharge Hose Size | 75mm (3") Diameter |
| Max Solids Size | 40 mm (1.6") Diameter |
| Pump Casing | Cast Iron |
| Impeller | SG Cast Iron |
| Pump Shaft | Stainless Steel |
| Wear Plates | SG Cast Iron |
| Suction Sump | Cast Iron |

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|------------------------|---------------------------------|--|
| Shaft Seal | Silicon Carbide/Silicon Carbide | |
| Elastomer | Viton | |
| Diesel Engine | Hatz 1D90 Air Cooled | |
| Power Rating | 7.7kW @'2000rpm | |
| Starting | 12 Volt Battery by Key Switch | |
| Fuel Tank Capacity | 55 litres | |
| Full Load Consumption | 2.3 litres/hour average | |
| Full Load Running Time | 24 hours | |
| Chassis Options | Road Trailer or Skid Mounted | |
| Weight – With Fuel | 477 kg) | |

Specifications may be subject to change without notice.

ACE80rev03

