



AUTOPRIME

QHH80 - 80mm High Head Automatic Priming Pump

The SPP AUTOPRIME QHH80 pump is designed for high head and modest flow applications including jetting, washing and in mines and quarries where a high lift is required. Solids handling is limited by the use of a high performance design for the impeller.



DESIGN FEATURES

- Bunded unit on two wheel road trailer with fixed height towing eye or 50mm ball hitch.
- Alternative trailer for the QHH80 with variable height draw bar is available (adds 35kg to weight).
- 12 volt battery starting by key switch.
- Pump will pass solids up to 9.2mm diameter
- Reliable double mechanical seals which allow dry running.
- Pump can be left running when liquid is exhausted and will prime automatically when liquid is present.
- Rugged construction requires minimal operator maintenance.
- 65 cfm Vacuum Pump with coalescer and air filtered before exhaust to atmosphere.

PUMP SPECIFICATIONS

Flow Rate	120 m ³ /h Maximum
Discharge Head	89 m Maximum
Working Pressure	10 bar Maximum
Hose Size	80mm (3 in.) Dia.
Max Solids Size	9.2 mm Diameter
Pump Speed Range	1500 rpm to 2650 rpm
Pump Casing	Cast Iron
Impeller	Stainless Steel
Pump Shaft	Stainless Steel
Wear Plates	SG Iron
Suction Sump	Cast Iron

Shaft Seal	Silicon Carbide/Silicon Carbide	
Elastomer	Viton	
Diesel Engine	Isuzu 4LE2 water Cooled	
Power Rating	33.3kW @ 3000	
Starting	12 Volt Battery by Key Switch	
Operating Speed	2000 rpm to 3000rpm	
Fuel Tank Capacity	220 litres	
Full Load Consumption	8.9 litres per hour average	
Full Load Running Time	26 hours	
Chassis Options	Skid Mounted or Pod for Mounting	
Weight - Wet	With Fixed Height Drawbar 1313 kg	

Specifications may be subject to change without notice.

QHH80rev02 Trailers

