

DIESEL/ELECTRIC DRIVE AUTO PRIME HIGH HEAD PUMP - SYKES HH80

QHH80 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

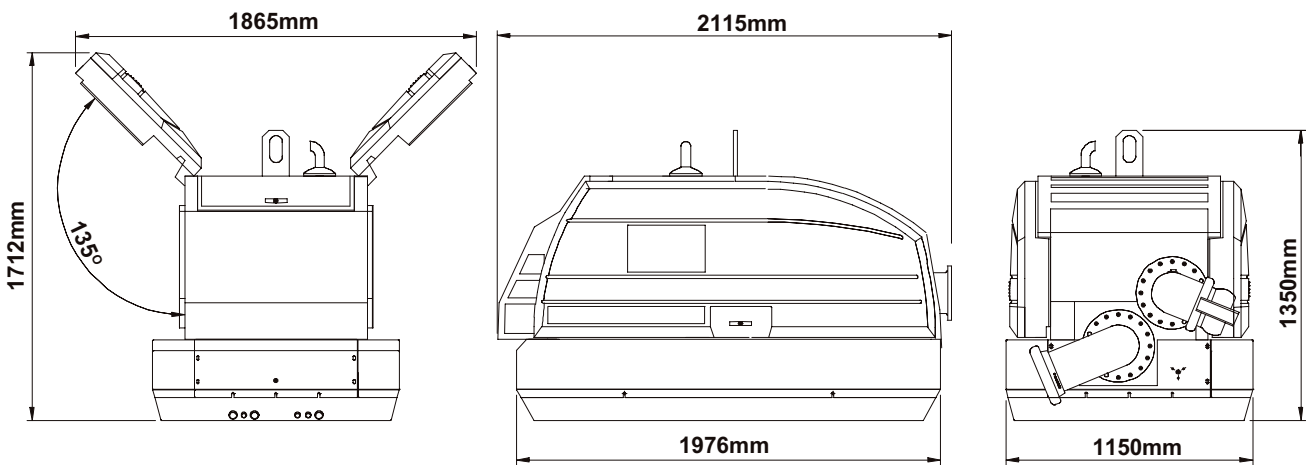
- Bunded unit on optional two-wheel road trailer or skid.
- 12 volt battery starting by key switch.
- Pump will pass solids up to 20mm diameter.
- Reliable double mechanical seals which allow dry running.
- Pump can be left running when liquid is exhausted and will prime automatically when liquid is present.
- Rugged construction requires minimal operator maintenance.
- 65 cfm vacuum pump with coalescer to filter exhaust air before emission into the atmosphere.

PUMP SPECIFICATIONS

Flow Rate	120 m3/h Maximum
Discharge Head	89 m Maximum
Working Pressure	10 bar Maximum
Hose Size	80 mm (3 in) Dia.
Max Solids Size	20mm Diameter
Pump Speed Range	1500 rpm to 2400 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	Perkins 404D
Starting	12 Volt Battery by Key Switch
Fuel Tank Capacity	220 litres
Full Load Consumption	6.5 litres per hour average
Full Load Running Time	34 hours
Chassis Options	Skid Mounted or Pod for Mounting
Approximate Wet Weight	1500kg on trailer

Specifications are provided by SPP Pumps Ltd and may be subject to change without notice.





Pump Performance Curves*

