



# AUTOPRIME

## XH150 - 150mm Extra High Head Automatic Priming Pump

The Sterling SPP AUTOPRIME XH150 pump is designed for applications where a very high lift is required. These will include mines and quarries and major works such as tunnels and deep foundations. Pumps can be supplied with engines to suit the duty and customer preference and with fuel tanks sized to suit requirements.

### DESIGN FEATURES

- Skid mounted with integral fuel tank.
- 12 volt battery starting by key switch.
- Pump will pass solids up to 62mm 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 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 will run on load for up to 16 hours before refuelling depending on fuel tank and engine selection

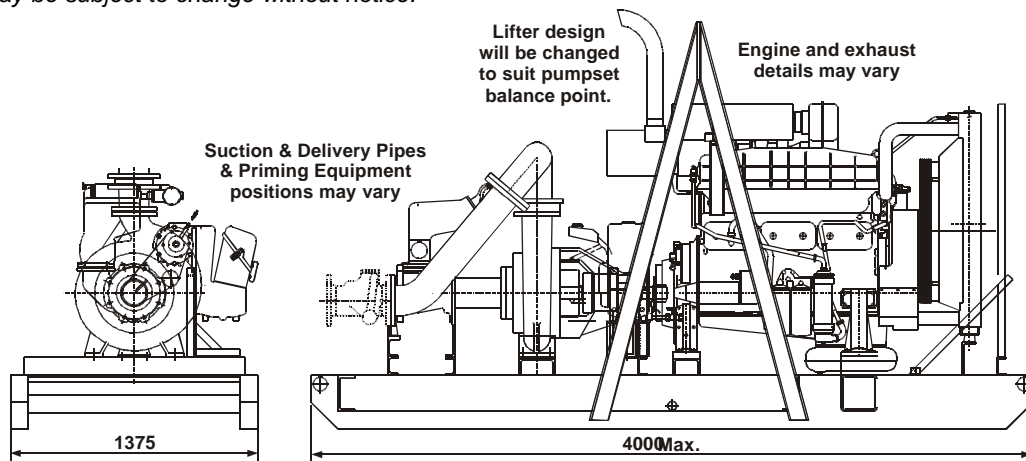


### PUMP SPECIFICATIONS

Flow Rate	400 m <sup>3</sup> /h Maximum
Discharge Head	160 m Maximum
Working Pressure	16 bar Maximum
Hose Size	150mm (6 in.) Dia.
Max Solids Size	62 mm Diameter
Pump Speed Range	1200 rpm to 1800 rpm
Pump Casing	SG Iron
Impeller	Stainless steel
Pump Shaft	Stainless Steel
Wear Plates	Stainless Steel
Suction Sump	Cast Iron

Shaft Seal	Silicon Carbide/Silicon Carbide
Elastomer	Viton
Diesel Engine	Volvo 1031 or Caterpillar 3406C
Power Rating	204kW @ 1800 rpm or 277 kW @ 1800
Starting	12 Volt Battery by Key Switch
Operating Speed	1800rpm
Fuel Tank Capacity	800 litres
Full Load Consumption	50 or 75.1 litres per hour
Full Load Running Time	16 or 10 hours
Chassis Options	Sound Reducing Enclosure
Weight Dry	Variable kg

Specifications may be subject to change without notice.





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Ref: XH150-v5

## Pump Type XH 150

