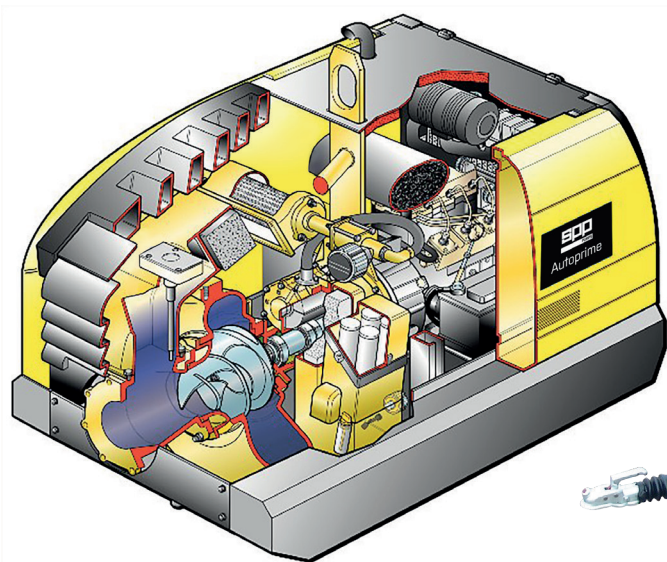




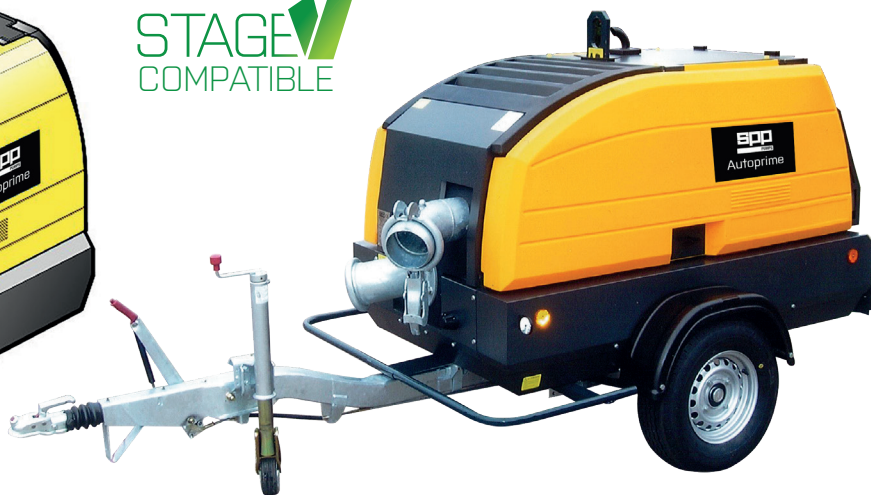
# DEWATERING AUTOPRIME DATA SHEET

## Q100M ENCLOSED AUTOMATIC PRIMING PUMP

The SPP Autoprime Q100M Pump is a fully enclosed diesel driven pump unit with high efficiency, designed to pump most liquids including sewage and semi solids. The enclosure provides sound reduction and security for use in noise sensitive areas. 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, well point dewatering, pipe relining and sludge pumping.



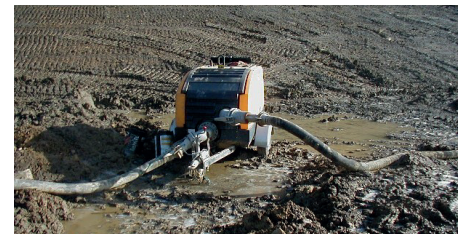
STAGE  
COMPATIBLE



## DESIGN FEATURES

- Bunded unit on two wheel road trailer with fixed height towing eye or 50mm ball hitch. Option for Variable Trailer or skid base.
- 12 volt battery starting by key switch. Autostart option available.
- Pump will pass solids up to 40mm diameter and 75mm long.
- 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.
- Features efficient 'Smartprime' technology for energy saving and reliability.

# DEWATERING AUTOPRIME DATA SHEET



## PUMP SPECIFICATIONS

### FLOW RATE

430 m<sup>3</sup>/h Maximum

### DISCHARGE HEAD

37m Maximum

### WORKING PRESSURE

10 bar Maximum

### SUCTION HOSE SIZE

200 mm (8") Dia.

### DISCHARGE HOSE SIZE

150 mm (6") Dia.

### MAX SOLIDS SIZE

65 mm Diameter x 80 mm

### PUMP CASING / SUMP

Cast Iron

### IMPELLER

SG Iron

### PUMP SHAFT

Stainless Steel

### WEAR PLATES

SG Iron

### SHAFT SEAL

Silicon Carbide/Silicon Carbide

### ELASTOMER

Viton

### DIESEL ENGINE

Perkins 404D/Yanmar 4TNV88 - Stage IIIA/Tier 3

Yanmar 4TNV88c - Stage V

### STARTING

12 Volt Battery

### SOUND PRESSURE LEVEL

65 db(A) at 7 metres

### FUEL TANK CAPACITY

220 litres

### FULL LOAD RUNNING TIME

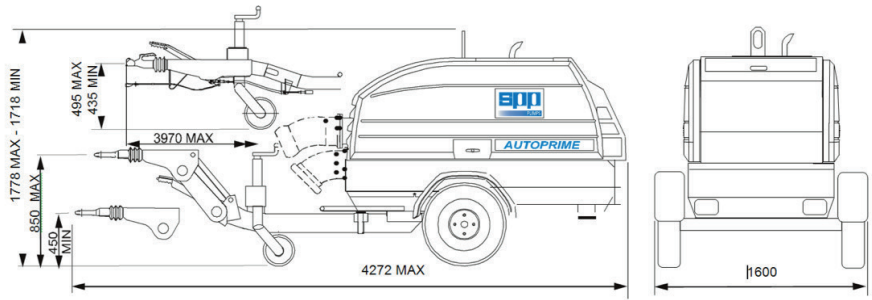
24 hours

### CHASSIS OPTIONS

Road Trailer or Skid Base

### WEIGHT -GROSS

Up to 1500kg

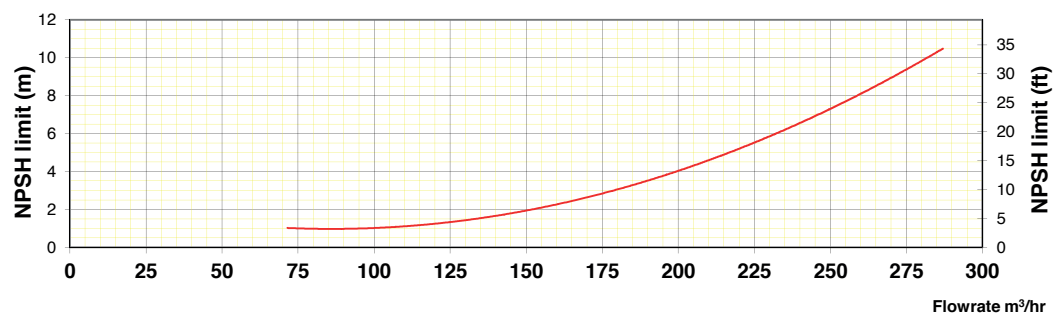
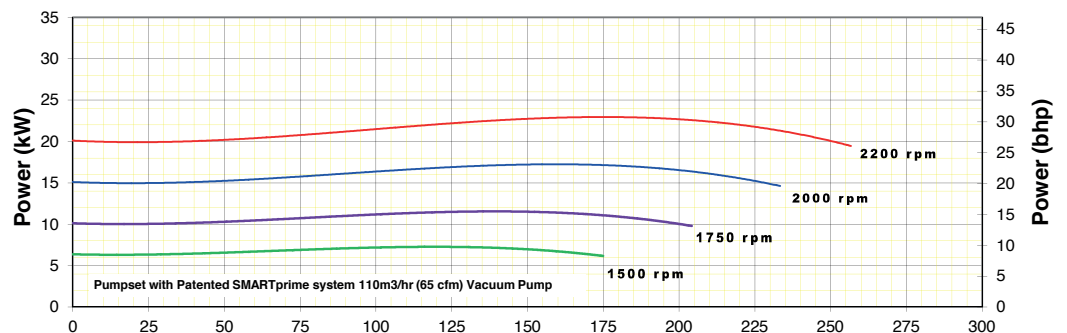
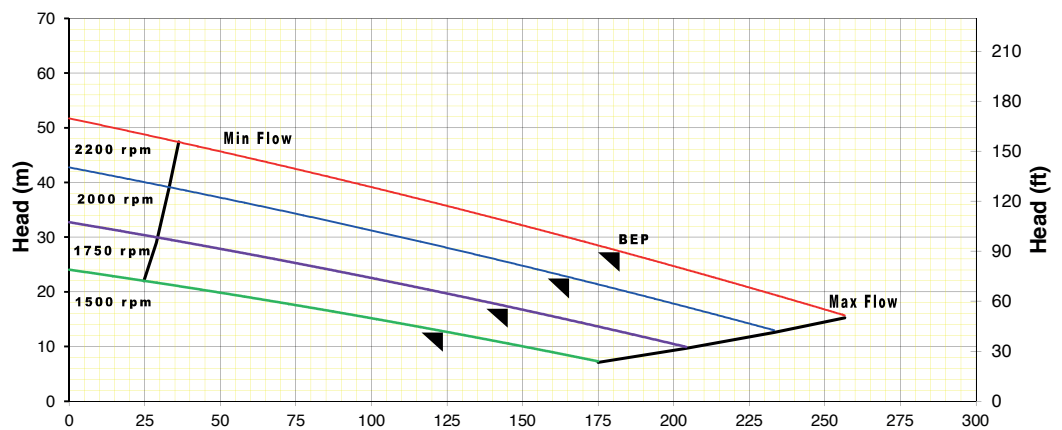


## AUTOPRIME Q100M-285

Curve Ref: Q100M CURVE

Speed: see below (rpm)

Suct x Disch: 100 x 100 mm



## OPTIONAL EXTRAS

- Auto/stop start control panel – float operation.
- Pump Telemetry.
- Optional Wraps approved pump end.
- Optional single vane/solids handling internals
- Optional 316 Stainless Steel internals.
- Spark arrestor and Chalwyn valve.
- Battery isolator.
- Fuel valve for auxiliary fuel tanks.
- Optional door colour to suit customer branding.
- Emergency trailer with pipe and fittings.
- Training.
- Hose/pipework.
- Service & Maintenance package.
- Spares kit.