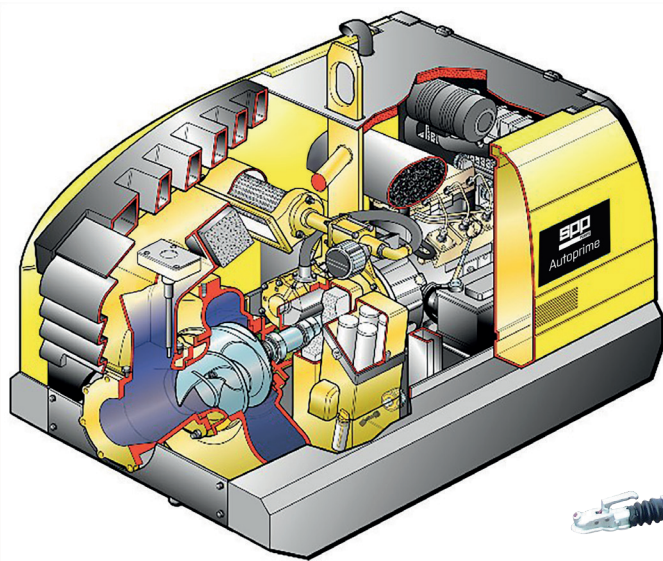




DEWATERING AUTOPRIME DATA SHEET

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.



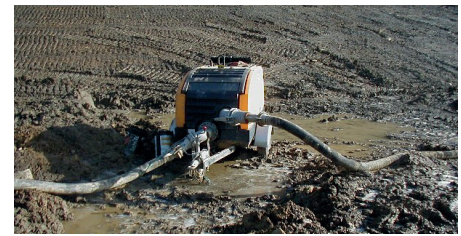
STAGE
COMPATIBLE



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 available (adds 35kg to weight).
- 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 and air filtered before exhaust to atmosphere.
- Glycerin filled vacuum pressure gauge located externally for visual inspection of vacuum.
- Emergency stop button.

DEWATERING AUTOPRIME DATA SHEET



PUMP SPECIFICATIONS

FLOW RATE

120 m³/h Maximum

DISCHARGE HEAD

90 m Maximum

WORKING PRESSURE

10 bar Maximum

HOSE SIZE

80 mm (3") Dia.

MAX SOLIDS SIZE

20 mm Diameter

PUMP SPEED RANGE

1500 to 2400 rpm

PUMP CASING/SUCTION SUMP

Cast Iron

IMPELLER

Stainless Steel

PUMP SHAFT

Stainless Steel

WEAR PLATES

SG Iron

SHAFT SEAL

Silicon Carbide/Silicon Carbide

ELASTOMER

Viton

ENGINE EMISSIONS

Stage V - Yanmar 4TNV88-C

Stage IIIA - Yanmar 4TNV88-DS

Stage IIIA - Isuzu 4LE1

Stage IIIA - Perkins 404D

STARTING

12 Volt Battery by Key Switch

FUEL TANK CAPACITY

220 litres

FULL LOAD RUNNING TIME

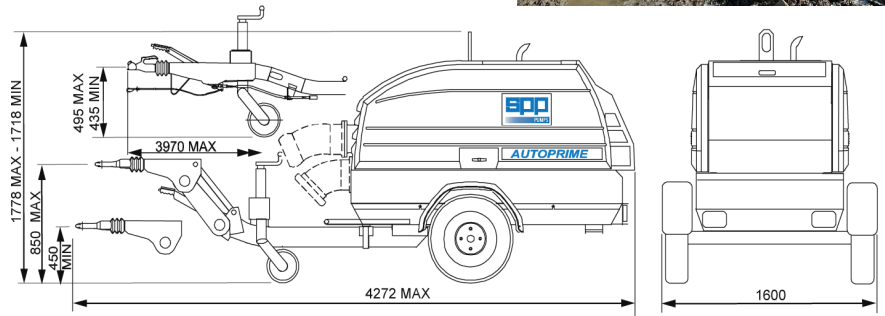
24 hours

CHASSIS OPTIONS

Road Trailer or Skid Base

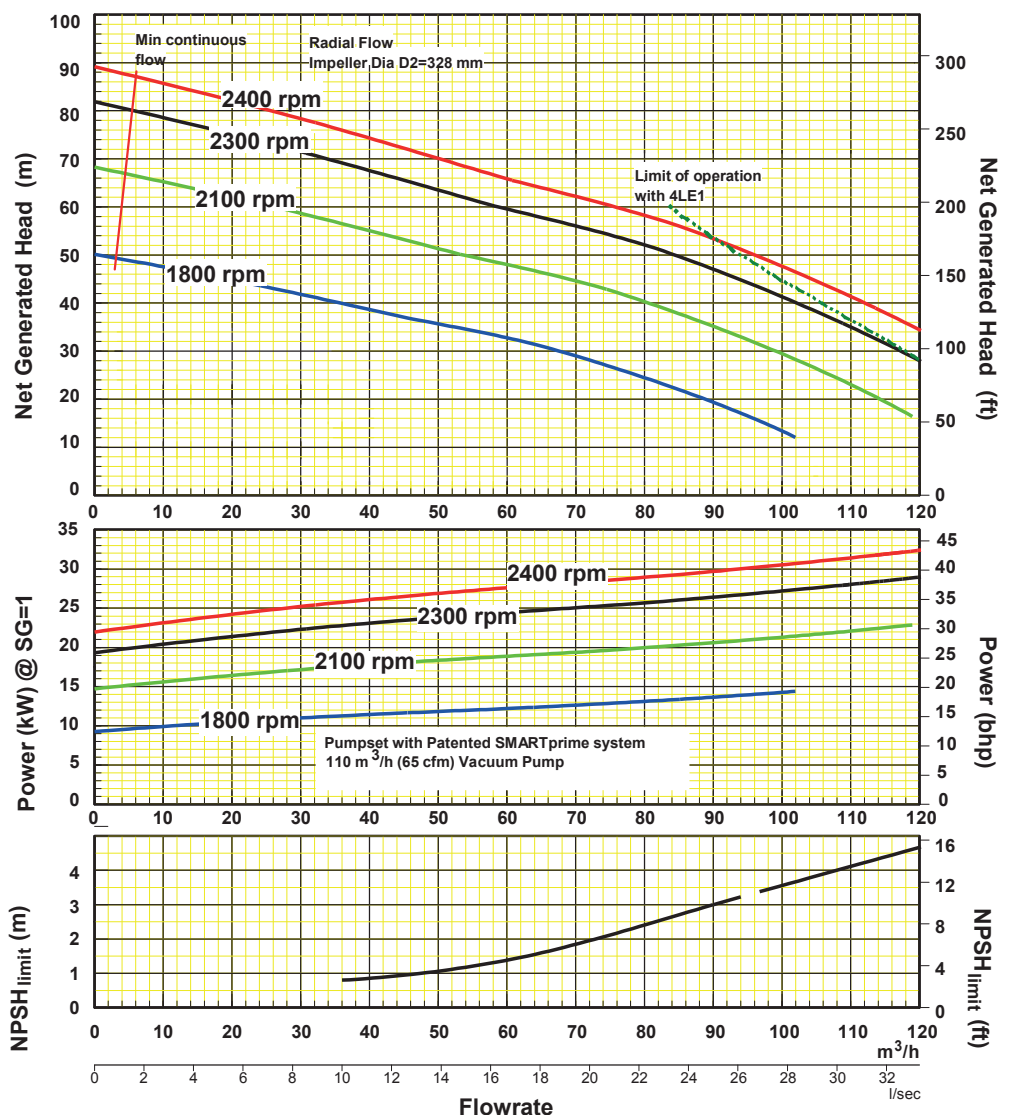
WEIGHT - WET

Up to 1500kg



AUTOPRIME
QHH80 - 328

Curve Ref: QHH80 328
Speed: see below (rpm)
Suct x Disch: 100 x 80 mm



OPTIONAL EXTRAS

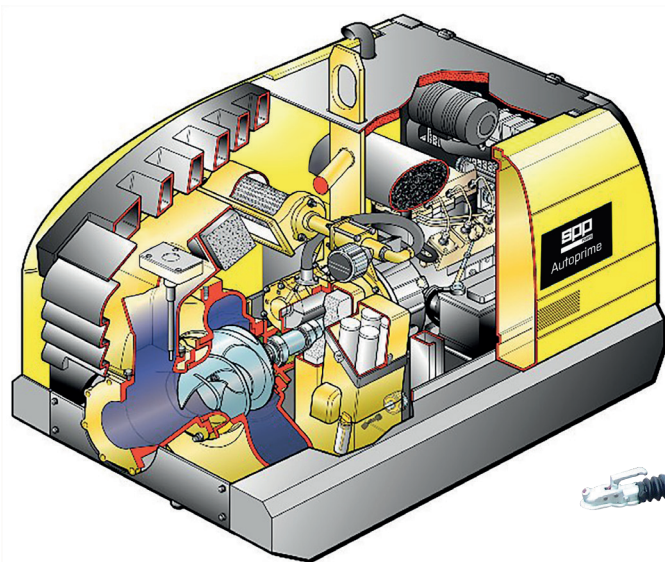
- Auto/stop start control panel – float operation.
- Pump Telemetry.
- Spark arrestor and Chalwyn valve.
- Battery isolator.
- Fuel valve for auxiliary fuel tanks.
- Optional door colour to suit customer branding.
- Emergency trailer with pipe and fittings.
- Training.
- Hose/pipework.
- Service & Maintenance package.
- Spares kit.



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.



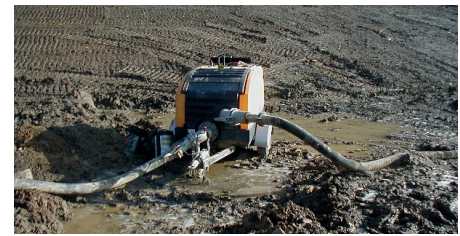
STAGE
COMPATIBLE



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

260 m³/h Maximum

DISCHARGE HEAD

52m Maximum

WORKING PRESSURE

10 bar Maximum

SUCTION HOSE SIZE

100 mm (4") Dia.

DISCHARGE HOSE SIZE

100 mm (4") Dia.

MAX SOLIDS SIZE

40 mm Diameter x 75 mm

PUMP CASING/SUCTION SUMP

Cast Iron

IMPELLER

SG Iron

PUMP SHAFT

Stainless Steel

WEAR PLATES

SG Iron

SHAFT SEAL

Silicon Carbide/Silicon Carbide

ELASTOMER

Viton

ENGINE EMISSIONS

Stage V - Yanmar 4TNV88-C

Stage IIIA - Perkins 404D

Stage IIIA - Yanmar 4TNV88-DS

Stage IIIA - Isuzu 4LE1

STARTING

12 Volt Battery

SOUND PRESSURE LEVEL

65 db(A) at 7 metres

FUEL TANK CAPACITY

220 litres

FULL LOAD RUNNING TIME

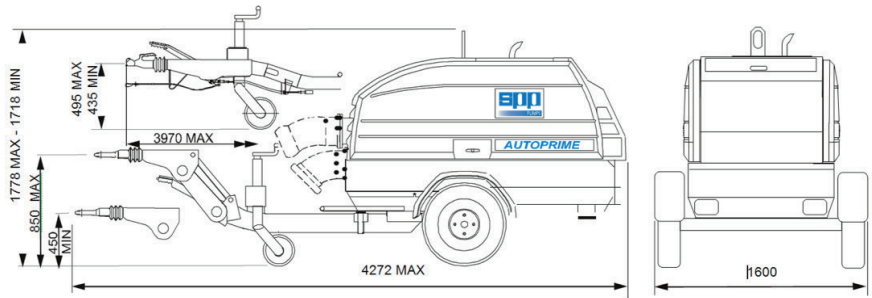
24 hours

CHASSIS OPTIONS

Road Trailer or Skid Base

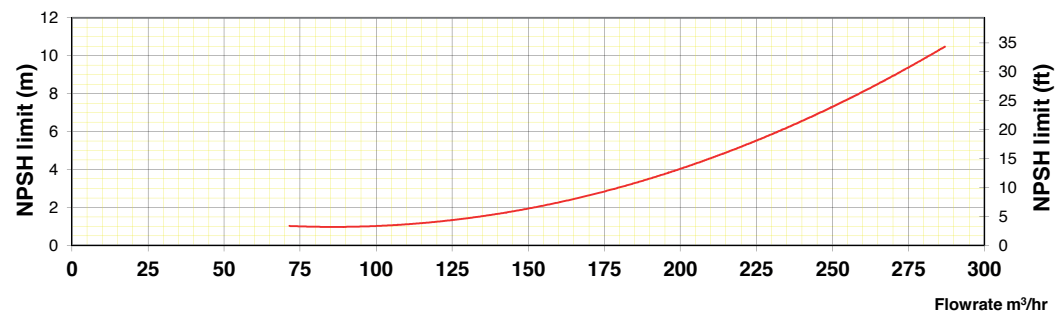
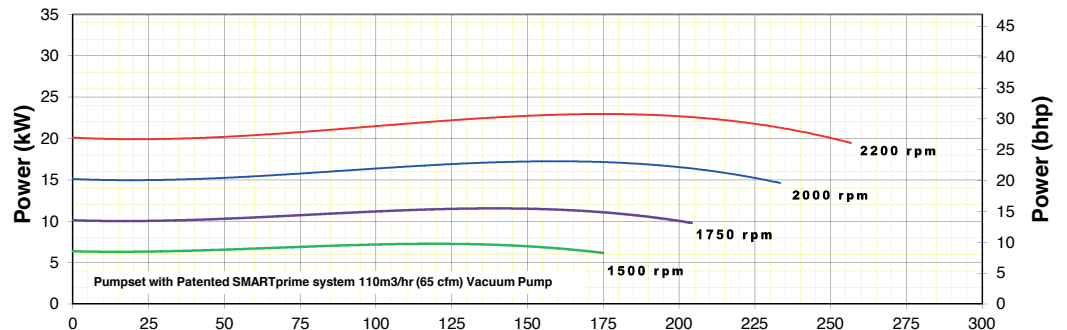
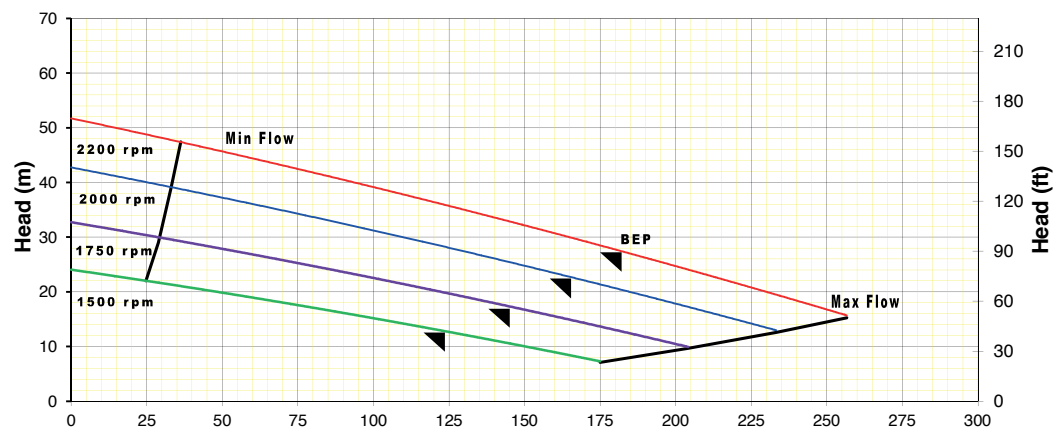
WEIGHT -GROSS

Up to 1500kg



AUTOPRIME Q100M-285

Curve Ref: Q100M CURVE
Speed: see below (rpm)
Suct x Disch: 100 x 100 mm



OPTIONAL EXTRAS

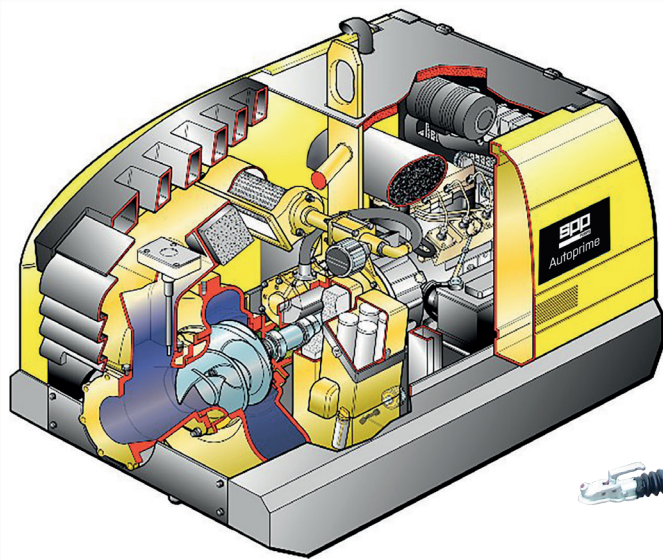
- Auto/stop start control panel – float operation.
- Pump Telemetry.
- Optional Wraps approved pump end.
- Optional single vane/solids handling internals
- Optional 316 Stainless Steel internals.
- Spark arrestor and Chalwyn valve.
- Battery isolator.
- Fuel valve for auxiliary fuel tanks.
- Optional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



DEWATERING AUTOPRIME DATA SHEET

Q150M ENCLOSED AUTOMATIC PRIMING PUMP

The SPP Autoprime Q150M 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 65mm diameter and 80mm 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 m³/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/WEAR PLATES

SG Iron

PUMP SHAFT

Stainless Steel

SHAFT SEAL

Silicon Carbide/Silicon Carbide

ELASTOMER

Viton

ENGINE EMISSIONS

Stage V - Yanmar 4TNV88-C

Stage IIIA - Yanmar 4TNV88-DS

Stage IIIA - Perkins 404D

Stage IIIA - Isuzu 4LE1

STARTING

12 Volt Battery

SOUND PRESSURE LEVEL

65 db(A) at 7 metres

FUEL TANK CAPACITY

220 litres

FULL LOAD RUNNING TIME

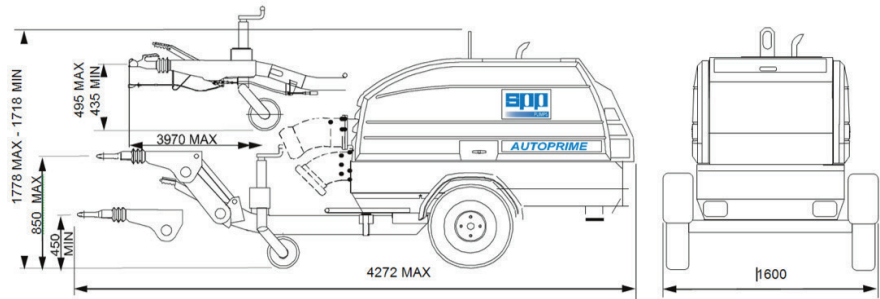
24 hours

CHASSIS OPTIONS

Road Trailer or Skid Base

WEIGHT -GROSS

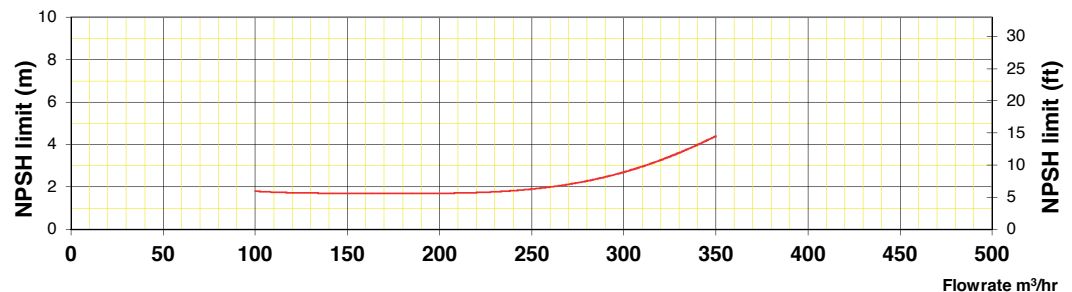
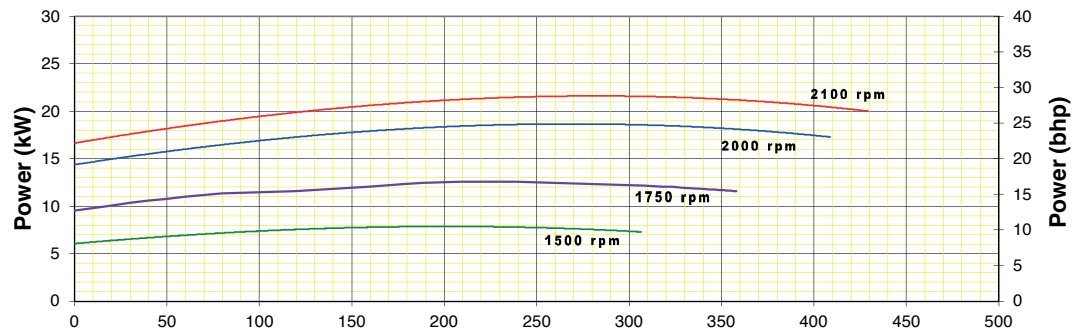
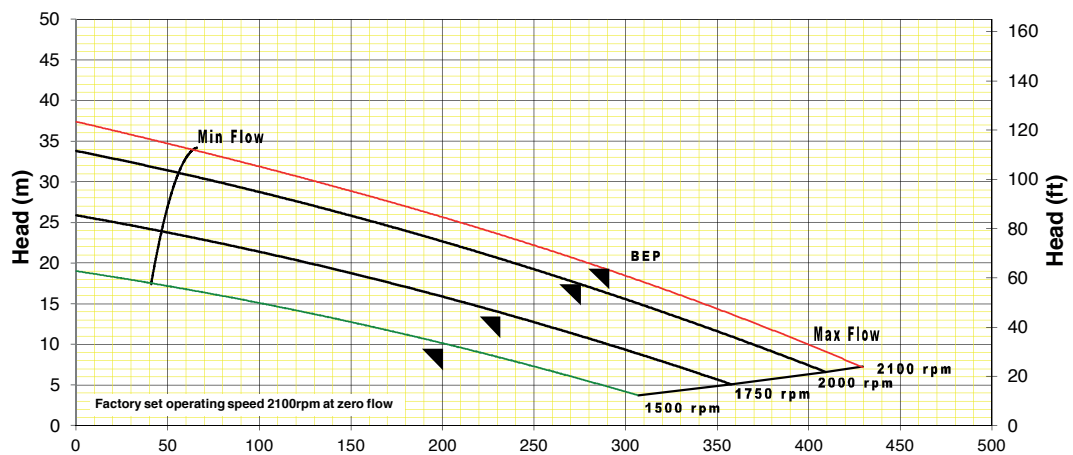
Up to 1500kg



AUTOPRIME Q150M

Discharge x Suction:
Free Passage Capability:
Impeller diameter:
Curve Ref:

150 mm x 200 mm
Ø65mm x 80mm long
254mm
PPCQ150M



OPTIONAL EXTRAS

- Auto/stop start control panel – float operation.
- Pump Telemetry.
- Optional Wras 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.

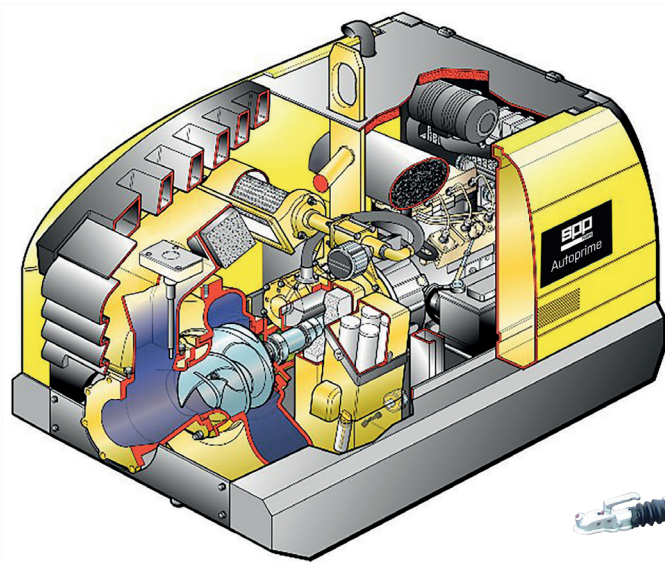




DEWATERING AUTOPRIME DATA SHEET

Q200 ENCLOSED AUTOMATIC PRIMING PUMP

The SPP Autoprime Q200 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.



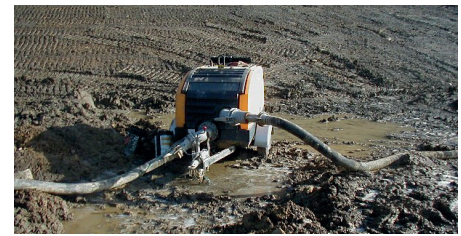
STAGE
COMPATIBLE



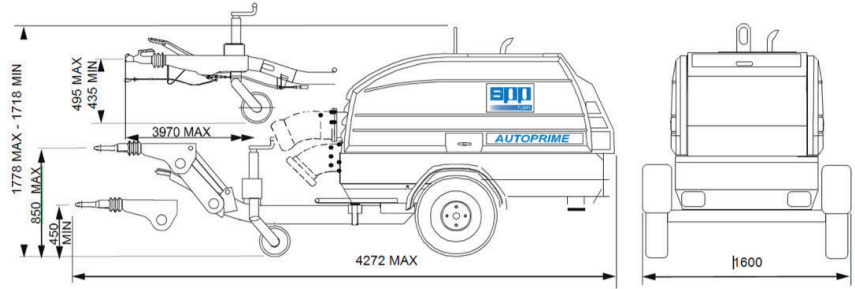
DESIGN FEATURES

- 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 75mm diameter and 90mm 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

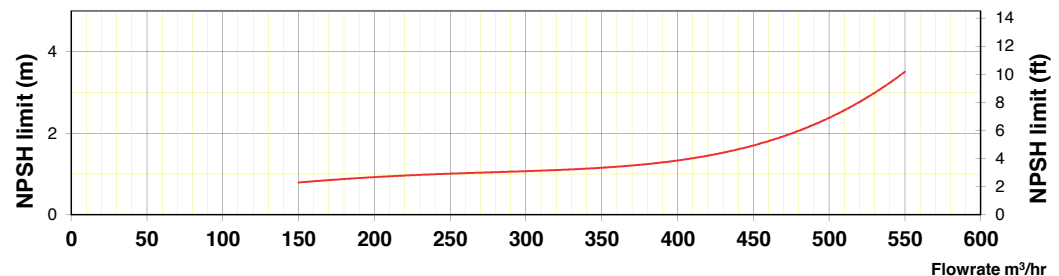
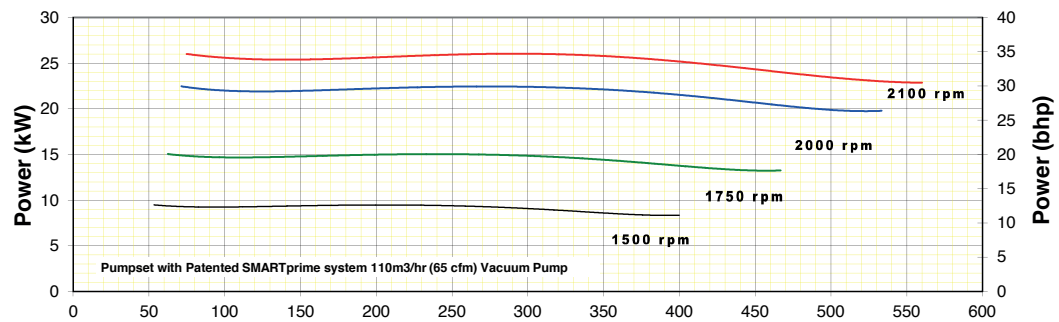
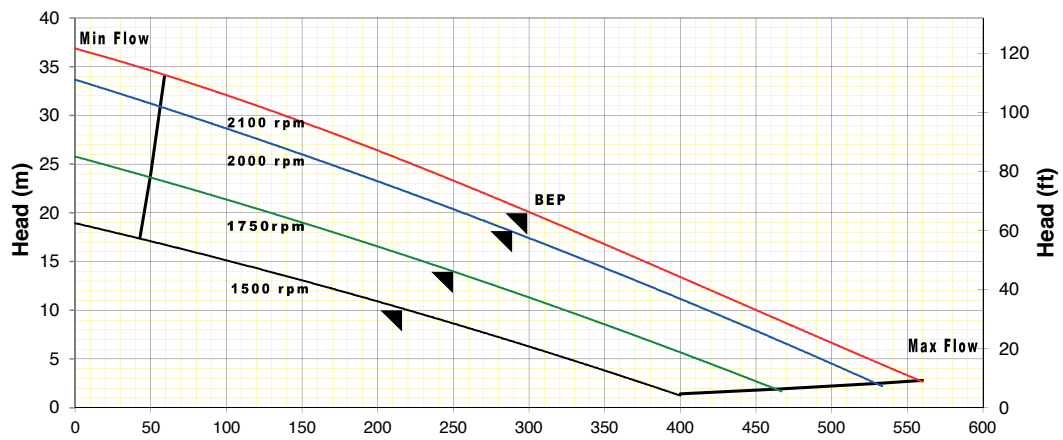


PUMP SPECIFICATIONS	
FLOW RATE	560 m ³ /h Maximum
DISCHARGE HEAD	37m Maximum
WORKING PRESSURE	10 bar Maximum
SUCTION HOSE SIZE	200 mm (8") Dia.
DISCHARGE HOSE SIZE	200 mm (8") Dia.
MAX SOLIDS SIZE	75 mm Diameter x 90mm
PUMP CASING/SUCTION SUMP	Cast Iron
IMPELLER	SG Iron
PUMP SHAFT	Stainless Steel
WEAR PLATES	SG Iron
SHAFT SEAL	Silicon Carbide/Silicon Carbide
ELASTOMER	Viton
ENGINE EMISSIONS	Stage V - Yanmar 4TNV88-C
	Stage IIIA - Yanmar 4TNV88-DS
	Stage IIIA - Isuzu 4LE1
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 Q200 - 245

Curve Ref: Q200 Pump Curve
Speed: see below (rpm)
Suct x Disch: 200 x 200 mm



OPTIONAL EXTRAS

- Auto/stop start control panel – float operation.
- Pump Telemetry.
- Optional Wras approved pump end.
- Optional single vane/solids handling 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.