

DESIGN OPTIONS

Controller: Variable speed
engine diagnostics
Auto stop/start via floats
SMS Monitoring system
+ high level alarm

Miscellaneous: Batter isolator,
bauer connections and
battery

MATERIALS OF CONSTRUCTION

Pump Casing	Cast Iron (GJL-250)
Impeller	SG Iron (GJS-500-7)
Pump Shaft	St St (316)
Wear Plates	Cast Iron (GJL-250)
Suction Sump	Cast Iron (GJL-250)
Priming Tank	Aluminium
Shaft Sealing	Twin Mech Seals
Mech. Seals	Silicon Carbide / Silicon Carbide
Elastomers	Viton
Non Return Valve	Cast Iron Flap type

* For specific or bespoke options please contact your agent or representative.



TO ORDER OR FIND OUT MORE:

www.sppumps/divisions/dewatering/
Email: autoprim@spumps.com
Tel: +44 (0) 118 932 3123

AGENT/DISTRIBUTOR:



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* Applies to: Coleford Manufacturing Site, Northern Service Centre and Wales & West Service Centre. SPP Pumps are proud to be working towards achieving this accreditation at all sites.

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AUTOPRIME

SPP PUMPS BOX CANOPY RANGE



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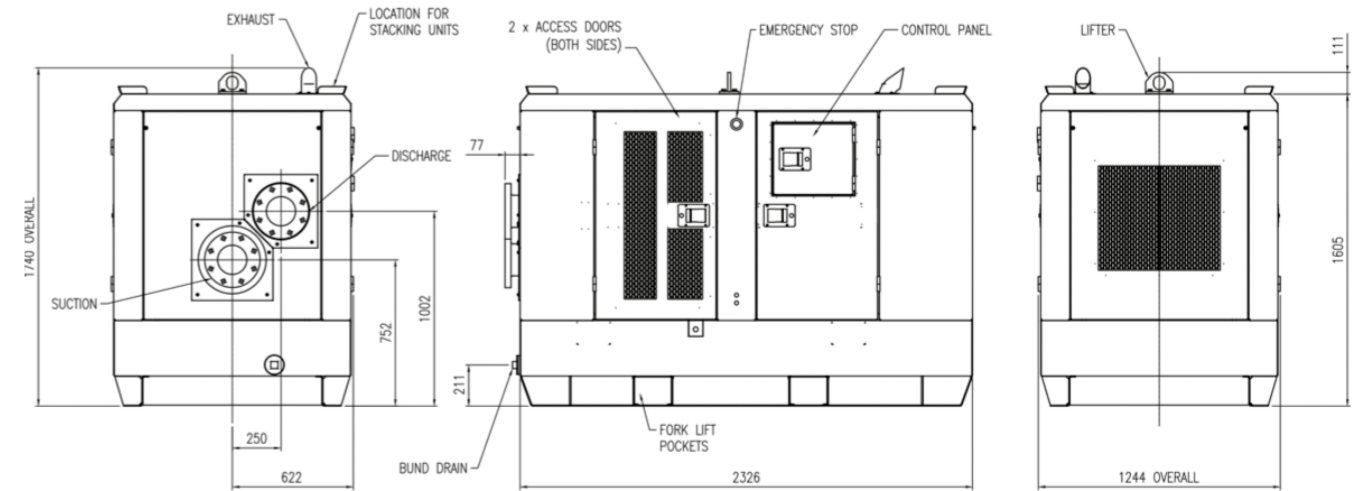
SPP PUMPS BOX CANOPY RANGE

Unique style, lightweight, robust, reliable and proven vacuum assisted pumping technology from an internationally recognised brand name. The SPP Pumps range of "BOX" canopies incorporates either the SPP Vacuum pump primed, or Compressor primed venturi system range of General Purpose Dewatering pumps, offering the same modular benefits as our E Series range of pumps. Applications include general purpose dewatering, over pumping, sewer bypass, industrial and municipal pumping applications, where reliable and fully automatic prime and reprime is required with minimal operator interface.



DESIGN FEATURES

- Tier III emissions compliant engines
- Fully bunded one piece "BOX" design leak-free chassis with 110% liquid containment
- Stackable up to 3 units high
- Four large access doors
- Heavy duty integral fuel tanks, with flushing/draining points
- Fork lift slots, 4 staking corners and a central point lifting point
- Murphy ML2000 control panel or DEEE800 with Auto stop/start control feature enabled as standard. Simple to configure with large LCD display, full control and engine diagnostics
- Twin mechanical seals, flood lubricated for continuous dry running
- Fully automatic "Smart" prime and re-prime system, The unique and versatile "single" proximity probe allows the priming system to be used on a variety of applications
- 40cfm (70 m3/hr) compressor prime venturi system or 65cfm (110m3/hr) rotary vane vacuum pump system
- Central lifter rated to lift the complete enclosure
- Emergency stop fitted as standard
- The design of the screw impeller has a natural flow inducing effect making the combination of the hydraulic design and priming system an efficient partnership when pumping liquids having a high sludge content.
- Able to accept high suction pressures of up to 6 bar without modification means that the pumps can be operated in series on applications requiring higher pressure output
- Standard 2 way valve connector for easy connection of external bulk fuel tank



Weight 2100kg

PUMP SPECIFICATIONS

Pump Type	Max Q m ³ /hr	Max Head m	Max Working Pressure bar	Suction Hose mm	Discharge Hose mm	Max. Solids Size mm x mm	Diesel Engine Make & Model	Sound Pressure d(B)A @7m	Fuel Consumption 2000 rpm Avg1/hr	Running Time Av hrs
HH80	120	89	10	80-100 (3"- 4")	80 (3")	20	Yanmar 4TNV88	<60	3.4	65
100	200	28	10	100 (4")	100 (4")	40x65	Yanmar 3TNV88	<60	1.5	146
100M	255	55	10	100-150 (4"- 6")	100 (4")	40x75	Yanmar 4TNV88	<60	3.4	65
150	378	34	10	150 (6")	150 (6")	85x80	Yanmar 3TNV88	<60	3.2	69
150M	414	43	10	150-200 (6"- 8")	150 (6")	65x80	Yanmar 4TNV88	<60	3.4	65
200	522	37	10	200 (8")	200 (8")	75x90	Yanmar 4TNV88	<60	4.5	50
200(S)	378	41	10	150-200 (6"- 8")	150-200 (6"- 8")	100	Yanmar 4TNV88	<60	4.5	50



**De Watering - Q Series
Q150**

Curve Ref:
Speed:
Suction x Discharge:
Free passage capability:
Spiral Impeller Diameter:

Performance Curve Q150
See below (rpm)
Ø150 x Ø150 mm
Ø65 x 80mm long
Ø230

