

SPA 100M | 4" | Centrifugal self priming pump with vacuum system. It will prime automatically from dry for dewatering in various applications.

Design Features

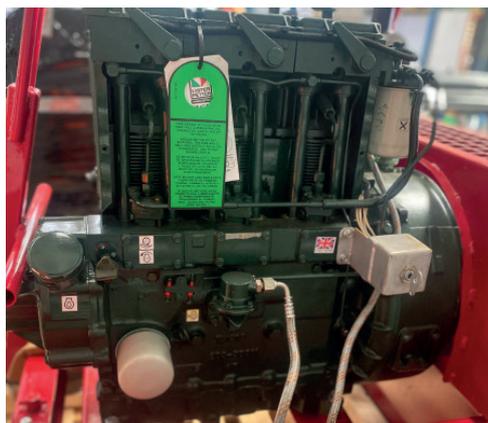
- Paint finish RAL 3000 red
- Site tow trailer with four mounted wheels for stability and fold away draw bar, other truck options available
- Electric start and charge
- Run dry with rapid re-prime, can run on snore conditions
- 21 running hours within' fuel tank, bulk fuel tank options available
- Can also be offered with other prime motors
- Other engine manufacturers available on request, Perkins, Hatz etc
- Bauer type lever lock couplings included. Other quick release couplings are available



Pump Specifications

Max Head (m)	31 @ 1800 rpm
Max Flow (m ³ /h)	162 @ 1800 rpm
Max Solid (mm)	44
Suction Lift (m)	9
Suction & Discharge	4" PN16 Flange
L x W x H (mm)	1700 x 1200 x 1500
Weight (kg)	860 Approx
Speed Range (rpm)	1500 - 1800
Pump Casing	Cast Iron
Impeller	Cast Iron
Wear Plates	Cast Iron

Shaft Seal	Spring loaded gland pack
Elastomer	Viton
Diesel Engine	Lister TR2 Air Cooled
Power Rating	11kW @ 1500 rpm
Starting	12 Volt Battery
Operating Speed	1500 to 1800 rpm
Fuel Tank Capacity	65 litres
Load Running Time	21 Hours
Fuel Consumption	3.1 litres per hour
Priming pump	25 cfm
Pump Shaft	Stainless Steel

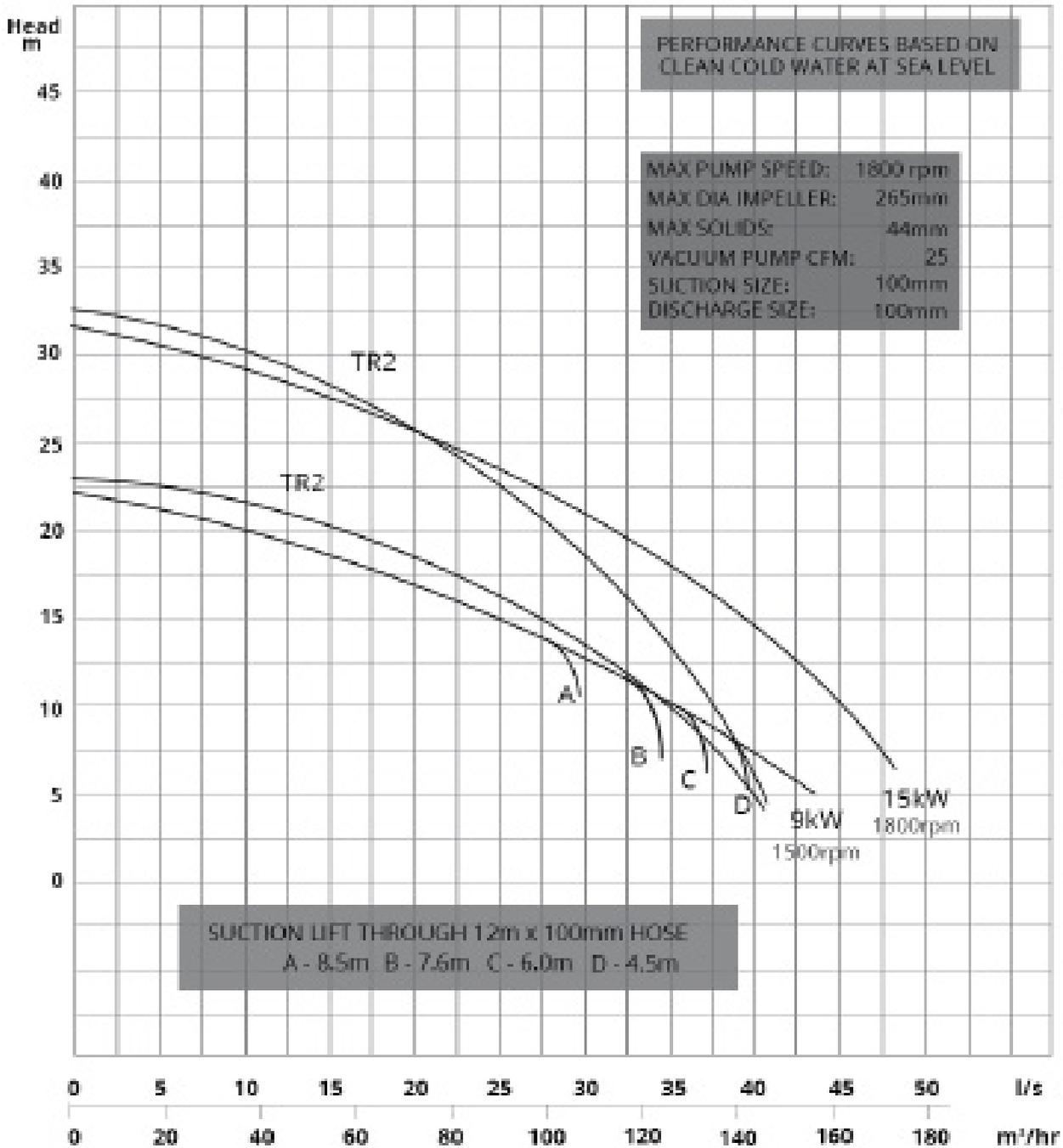


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STUART PUMPS LTD | STUART PLANT LTD | STUART POWER LTD | GEK | BROWNFIELD ASSET DEVELOPMENTS LTD

Registered in England & Wales | Registered office: King Street House, 15 Upper King Street, Norwich, Norfolk, NR3 1RB | Company Registration No. 2114543

Pump Performance Specification



Our policy is one of continuous improvement and we reserve the right to alter specifications without giving notice.

Volute	Angle discharge, horizontal suction. Cast iron
Impeller	2 vane open. Cast iron.
Wear Plate	Cast Iron
Pump Shaft	Steel (BS970 EN8B)
Bearings	DE: Twin Taper Roller NDE: Cylindrical Roller L10 Life: 40,000 hrs at 2000rpm(BEP)
Shaft Seal	Gland pack. Replaceable on site
NRV	Ball type polyurethane with reversible seat
Priming	Continuous with mechanical and pressure differential control
Air Handling	Oil lubricated rotary vacuum pump
Chassis	Box steel section combining a 65 litre fuel tank. 21 hours running time
Wheels	Four solid rubber



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