

DE1000/50



SOLIDS
HANDLING



DEWATERING

FLOW @ BEP	HEAD @ BEP	SPEED @ BEP	EFFICIENCY @ BEP
1000 m ³ /hr 4400 usgpm	50 mtrs 164'	1515 rpm	79%

AT A GLANCE

Suction Size	250 mm	10"
Discharge Size	250 mm	10"
Solids Handling	86 mm (min)	3.40" (min)
Max Flow	1650 m ³ /hr	7280 usgpm
Max Head	77 mtrs	254'
Max Speed	1520 rpm	

DIESEL ENGINE SPECIFICATION CHOOSE DIESEL

Fuel Tank Size	450 ltrs	119 usg
Fuel Burn/hr @ BEP	52 ltrs/hr	13.75 usgph
Rated Power @ BEP	172 kW	231 hp
Model	Deutz TCD7.8L6	
Emissions	EU Stage V	
Max Power	260 kW	348 hp

ELECTRIC MOTOR SPECIFICATION CHOOSE ELECTRIC

Model	WEG / ABB 415V 3 phase 50Hz	
Standard	IEC3	
Rated Power	250 kW	335 hp
Enclosure	TEFC	
Nominal Speed	1500 rpm	
Frame	315 L	

FEATURES & BENEFITS

Indefinite Dry-Run capabilities
Auto Start/Stop
UK Manufactured
Cycloseal – advanced mechanical seal that extends seal life, reduces seal failures and maximises uptime

1.50 HOURS

To empty an Olympic Swimming Pool
(2,500,000 litres) at Max Flow (1650 m³/hr)



NET WEIGHT	L x W x H
4100 kgs 9040 lbs	4.25 x 1.60 x 2.20 mtr 167 x 63 x 87"

PUMP SPECIFICATION

Model	CRP250NNT445
Priming System	<p>Type: Cornell liquid tolerant diaphragm vacuum pump</p> <p>Air Removal Capability: 50 cfm</p> <p>Priming Chamber: Cornell optimised priming chamber design and valve linkage for maximum reliability and zero carryover</p> <p>Discharge Check Valve: Patented Cornell Non return valve with optional 90 degree discharge and heavy duty flapper</p> <p>Run Dry: Indefinite capability</p>
Impeller	<p>Type: Two Vane Enclosed Solids Handling Impeller design for large spherical solids pass through whilst providing optimal efficiency</p> <p>Size: 445 mm (17.52")</p>
Volute	Heavy duty GG30 Gray Iron with 125# flanges
Mechanical Seal	Tungsten Carbide v Silicon Carbide
Bearing & Shaft	Heavy-duty bearing housing with dual angular contact bearings on drive end and heavy duty shaft

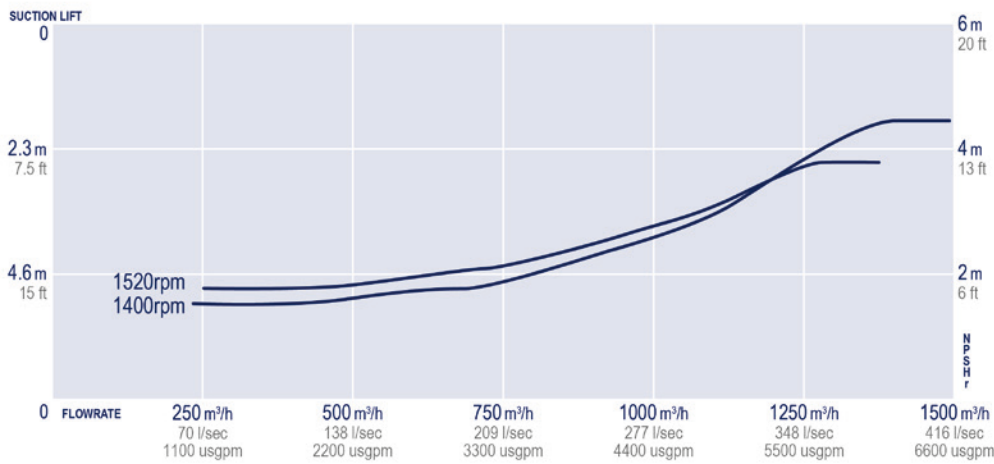
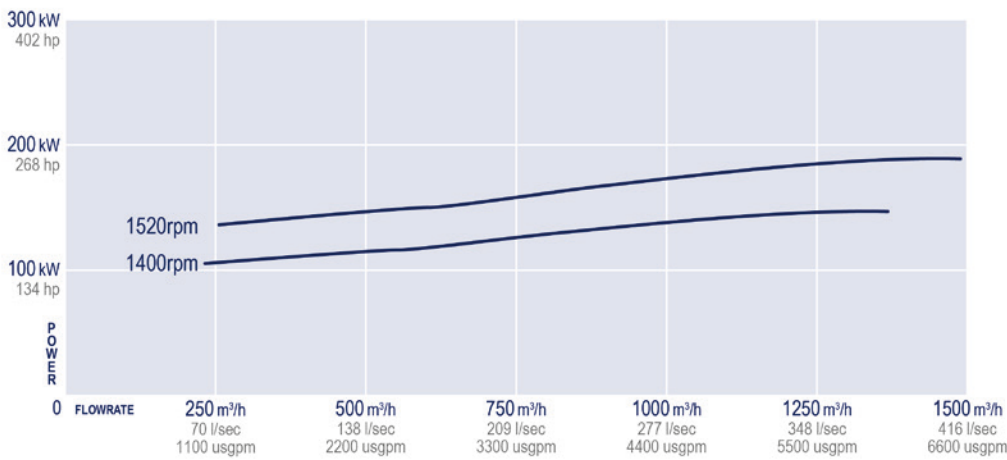
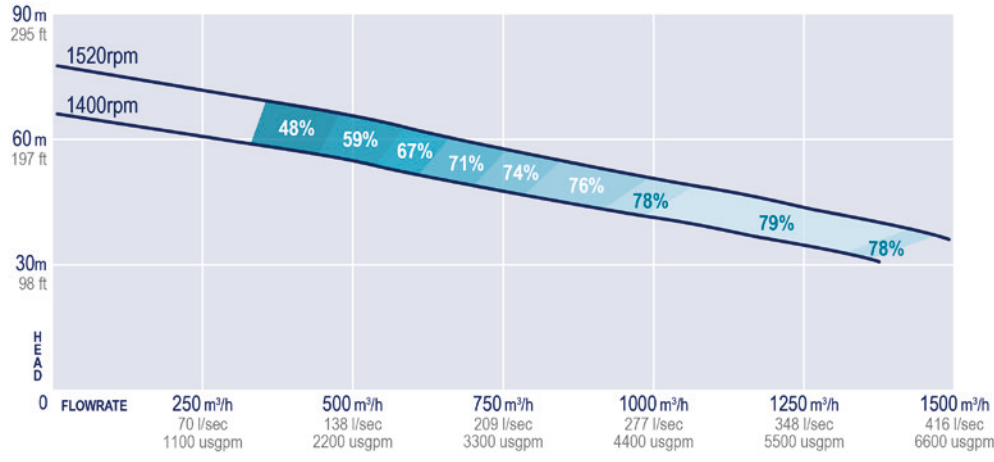


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MARKETS



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Like you, we care about the environment, which is why our efficient pumpsets use stage 5 emission compliant engines as standard.



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Our aftermarket team are here to support your business for the life of the pumpset. All products come with market leading warranty period for the absolute peace of mind.



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