

# DE2500/20



SOLIDS  
HANDLING



DEWATERING

FLOW @ BEP	HEAD @ BEP	SPEED @ BEP	EFFICIENCY @ BEP
2500 m <sup>3</sup> /hr 11010 usgpm	20 mtrs 66'	900 rpm	85%

## AT A GLANCE

Suction Size	450 mm	18"
Discharge Size	450 mm	18"
Solids Handling	114 mm (min)	4.50" (min)
Max Flow	2800 m <sup>3</sup> /hr	12330 usgpm
Max Head	35 mtrs	115'
Max Speed	900 rpm	

## DIESEL ENGINE SPECIFICATION

### CHOOSE DIESEL

Fuel Tank Size	450 ltrs	119 usg
Fuel Burn/hr @ BEP	49 ltrs/hr	12.95 usgph
Rated Power @ BEP	162 kW	217 hp
Model	DEUTZ TCD6.1L4	
Emissions	EU Stage V	
Max Power	180 kW	241 hp

## ELECTRIC MOTOR SPECIFICATION

### CHOOSE ELECTRIC

Model	WEG / ABB 415V 3 phase 50Hz	
Standard	IEC3	
Rated Power	185 kW	248 hp
Enclosure	TEFC	
Nominal Speed	1500 rpm	
Frame	315	

## 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

 **0.90 HOURS**

To empty an Olympic Swimming Pool  
(2,500,000 litres) at Max Flow (2800 m<sup>3</sup>/hr)



DXB8


## NET WEIGHT

5000 kgs  
11020 lbs

## L x W x H

5.00 x 1.50 x 2.20 mtr  
197 x 59 x 87"

## PUMP SPECIFICATION

Model	CRP450NHG558	
Priming System	<b>Type:</b> Cornell liquid tolerant diaphragm vacuum pump 	
	<b>Air Removal Capability:</b> 50 cfm <b>Priming Chamber:</b> Cornell optimised priming chamber design and valve linkage for maximum reliability and zero carryover	
	<b>Discharge Check Valve:</b> Patented Cornell Non return valve with optional 90 degree discharge and heavy duty flapper <b>Run Dry:</b> Indefinite capability	
Impeller	<b>Type:</b> Three Vane, Ductile Iron Enclosed Solids Handling Impeller design for large spherical solids pass through whilst providing optimal efficiency <b>Size:</b> 558 mm (22.00")	
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	



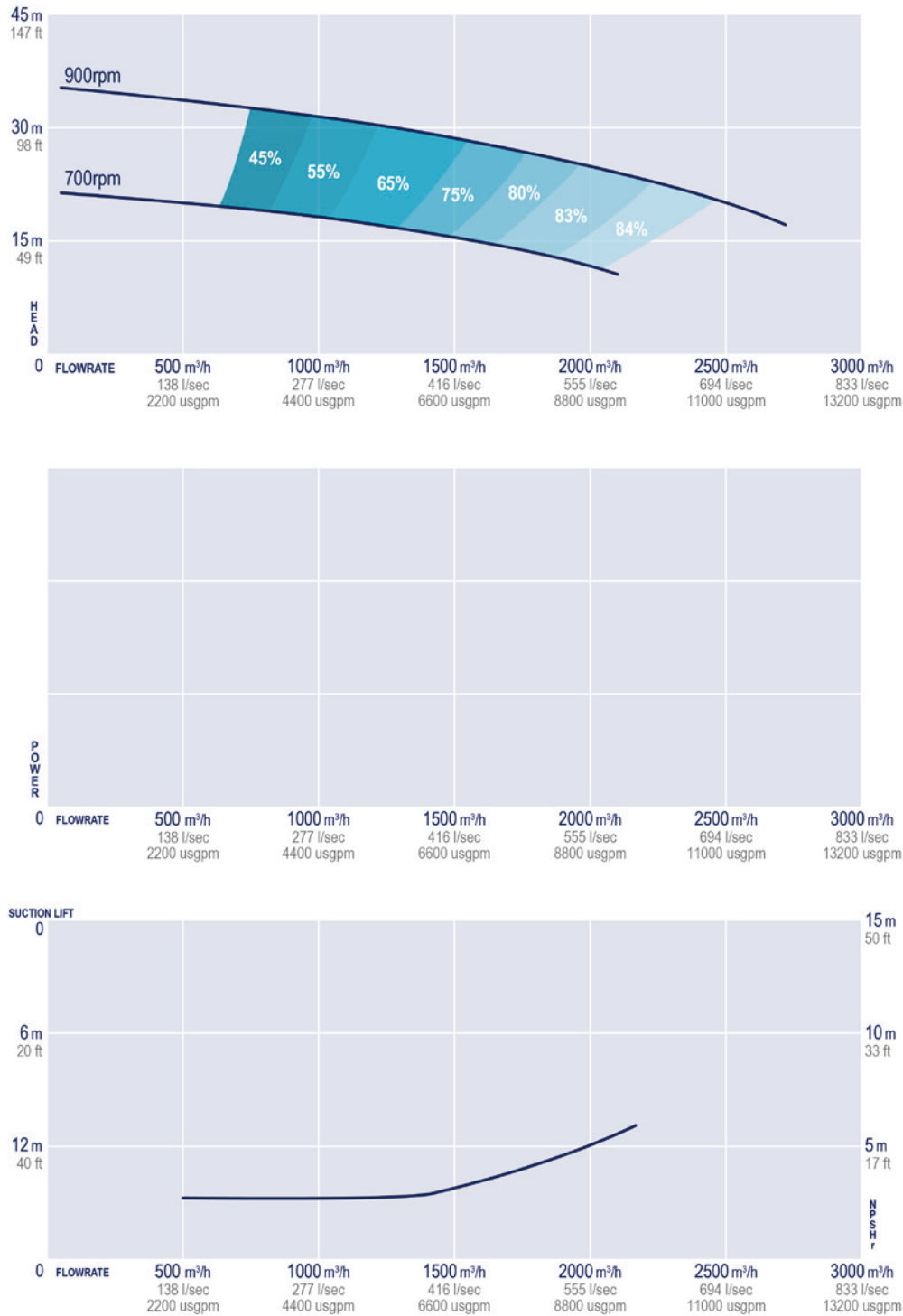
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AROUND YOUR CLOCK, AROUND YOUR WORLD®

DE2500/20-0221

PERFORMANCE CHART (FOR GUIDANCE ONLY)



MARKETS



DXB, AT YOUR SERVICE



AROUND YOUR CLOCK, AROUND YOUR WORLD®

Anywhere, Anytime...  
DXB specialise in designing bespoke solutions to your fluid handling challenges.



WORLD CLASS ECO-FRIENDLY PRODUCTS

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



WARRANTY & AFTERCARE

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.



REAL TIME ASSET CONTROL

Downtime isn't an option. All our pumpsets can be remotely monitored for ultimate asset control and performance.



YOUR TRUSTED PARTNER

Our customers support us, we support them. We're partners!