



# WASTEWATER

AROUND YOUR WORLD<sup>®</sup> AROUND YOUR CLOCK, AROUND YOUR WORLD<sup>®</sup>

# WW140/20



WARRIOR  
CUTTER



FLOW @ BEP	HEAD @ BEP	SPEED @ BEP	EFFICIENCY @ BEP
145 m <sup>3</sup> /hr 645 usgpm	23 mtrs 78'	1750 rpm	70%

## AT A GLANCE

Suction Size	100 mm	4"
Discharge Size	100 mm	4"
Solids Handling	76 mm (min)	3" (min)
Max Flow	185 m <sup>3</sup> /hr	820 usgpm
Max Head	33 mtrs	108'
Max Speed	1800 rpm	

## DIESEL ENGINE SPECIFICATION

### CHOOSE DIESEL

Fuel Tank Size	450 ltrs	119 usg
Fuel Burn/hr @ BEP	4 ltrs/hr	1.05 usgph
Rated Power @ BEP	13 kW	18 hp
Model	Deutz D2.2	
Emissions	Stage V	
Max Power	18 kW	24 hp

## ELECTRIC MOTOR SPECIFICATION

### CHOOSE ELECTRIC

Model	WEG / ABB 415V 3 phase 50Hz	
Standard	IEC3	
Rated Power	18 kW	25 hp
Enclosure	TEFC	
Nominal Speed	1500 rpm	
Frame	180 M	

## 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



## 13.50 HOURS

To empty an Olympic Swimming Pool  
(2,500,000 litres) at Max Flow (185 m<sup>3</sup>/hr)



DXB1



## NET WEIGHT

1380 kgs  
3050 lbs

## L x W x H

2.10 x 0.95 x 1.75 mtr  
82 x 37 x 68"

## PUMP SPECIFICATION

Model	CRP100NNW248	
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	
Impeller	<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	
	<b>Type:</b> Two Vane, WasteWarrior unique cutting impeller design for ragging conditions  <b>Size:</b> 248 mm (9.75")	
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	



Exceeds  
**NRMM**  
Standards

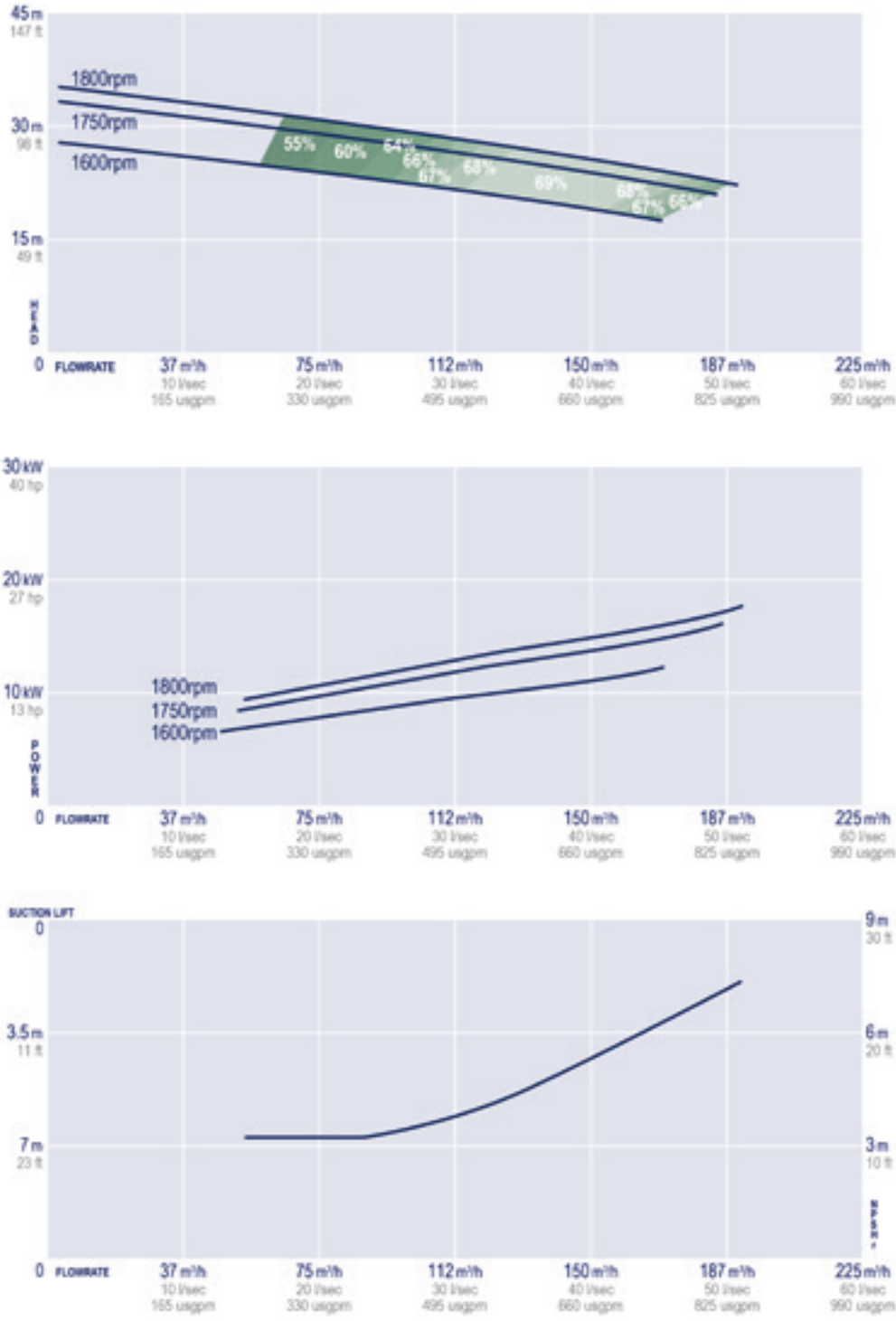


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REAL TIME ASSET CONTROL

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# WW250/15



WARRIOR  
CUTTER



FLOW @ BEP	HEAD @ BEP	SPEED @ BEP	EFFICIENCY @ BEP
235 m <sup>3</sup> /hr 1030 usgpm	16 mtrs 52'	1525 rpm	74%

## AT A GLANCE

Suction Size	150 mm	6"
Discharge Size	150 mm	6"
Solids Handling	76 mm (min)	3" (min)
Max Flow	455 m <sup>3</sup> /hr	2000 usgpm
Max Head	24 mtrs	80'
Max Speed	1530 rpm	

## DIESEL ENGINE SPECIFICATION CHOOSE DIESEL

Fuel Tank Size	450 ltrs	119 usg
Fuel Burn/hr @ BEP	4 ltrs/hr	1.05 usgph
Rated Power @ BEP	14 kW	18 hp
Model	Deutz D2.2	
Emissions	Stage V	
Max Power	18 kW	24 hp

## ELECTRIC MOTOR SPECIFICATION CHOOSE ELECTRIC

Model	WEG / ABB 415V 3 phase 50Hz	
Standard	IEC3	
Rated Power	18 kW	25 hp
Enclosure	TEFC	
Nominal Speed	1500 rpm	
Frame	180 M	

## 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

**5.50 HOURS**

To empty an Olympic Swimming Pool (2,500,000 litres) at Max Flow (455 m<sup>3</sup>/hr)



NET WEIGHT	L x W x H
1380 kgs 3050 lbs	2.10 x 0.95 x 1.75 mtr 82 x 37 x 68"

## PUMP SPECIFICATION

Model	CRP150NNW256
Priming System	<p><b>Type:</b> Cornell liquid tolerant diaphragm vacuum pump </p> <p><b>Air Removal Capability:</b> 50 cfm</p> <p><b>Priming Chamber:</b> Cornell optimised priming chamber design and valve linkage for maximum reliability and zero carryover</p> <p><b>Discharge Check Valve:</b> Patented Cornell Non return valve with optional 90 degree discharge and heavy duty flapper</p> <p><b>Run Dry:</b> Indefinite capability</p>
Impeller	<p><b>Type:</b> Two Vane, WasteWarrior unique cutting impeller design for ragging conditions </p> <p><b>Size:</b> 256 mm (10.08")</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

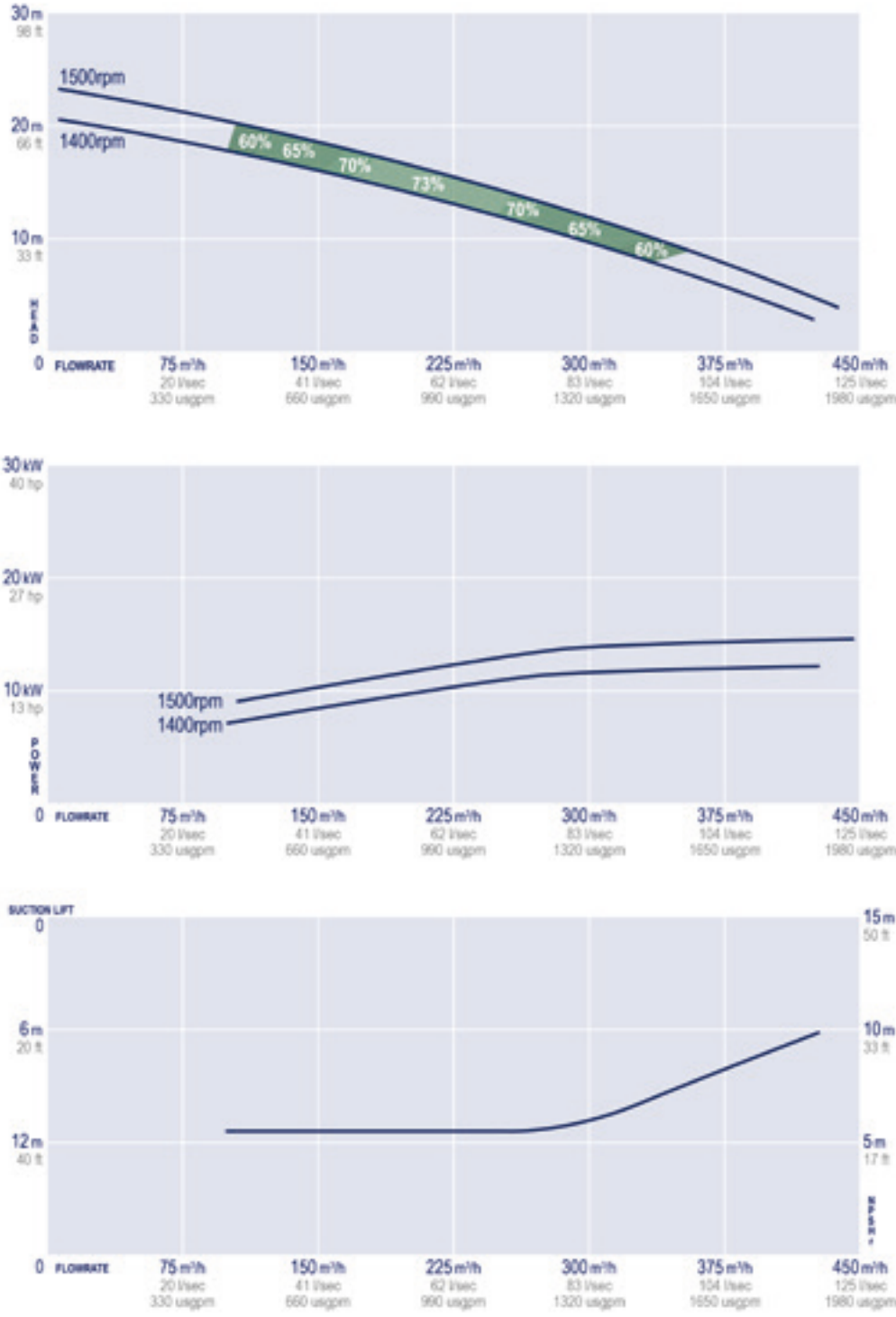
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# WW300/35



WARRIOR  
CUTTER



FLOW @ BEP	HEAD @ BEP	SPEED @ BEP	EFFICIENCY @ BEP
300 m <sup>3</sup> /hr 1320 usgpm	35 mtrs 115'	1515 rpm	73%

## AT A GLANCE

Suction Size	150 mm	6"
Discharge Size	150 mm	6"
Solids Handling	76 mm (min)	3" (min)
Max Flow	405 m <sup>3</sup> /hr	1780 usgpm
Max Head	49 mtrs	161'
Max Speed	1600 rpm	

## DIESEL ENGINE SPECIFICATION

### CHOOSE DIESEL

Fuel Tank Size	450 ltrs	119 usg
Fuel Burn/hr @ BEP	12 ltrs/hr	3.20 usgph
Rated Power @ BEP	39 kW	52 hp
Model	Deutz TCD 2.9	
Emissions	EU Stage V	
Max Power	55 kW	74 hp

## ELECTRIC MOTOR SPECIFICATION

### CHOOSE ELECTRIC

Model	WEG / ABB 415V 3 phase 50Hz	
Standard	IEC3	
Rated Power	55 kW	74 hp
Enclosure	TEFC	
Nominal Speed	1500 rpm	
Frame	250	

## 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

**6.20 HOURS**

To empty an Olympic Swimming Pool  
(2,500,000 litres) at Max Flow (405 m<sup>3</sup>/hr)



## NET WEIGHT

2350 kgs  
5180 lbs

## L × W × H

2.85 × 1.20 × 2.00 mtr  
112 × 47 × 78"

## PUMP SPECIFICATION

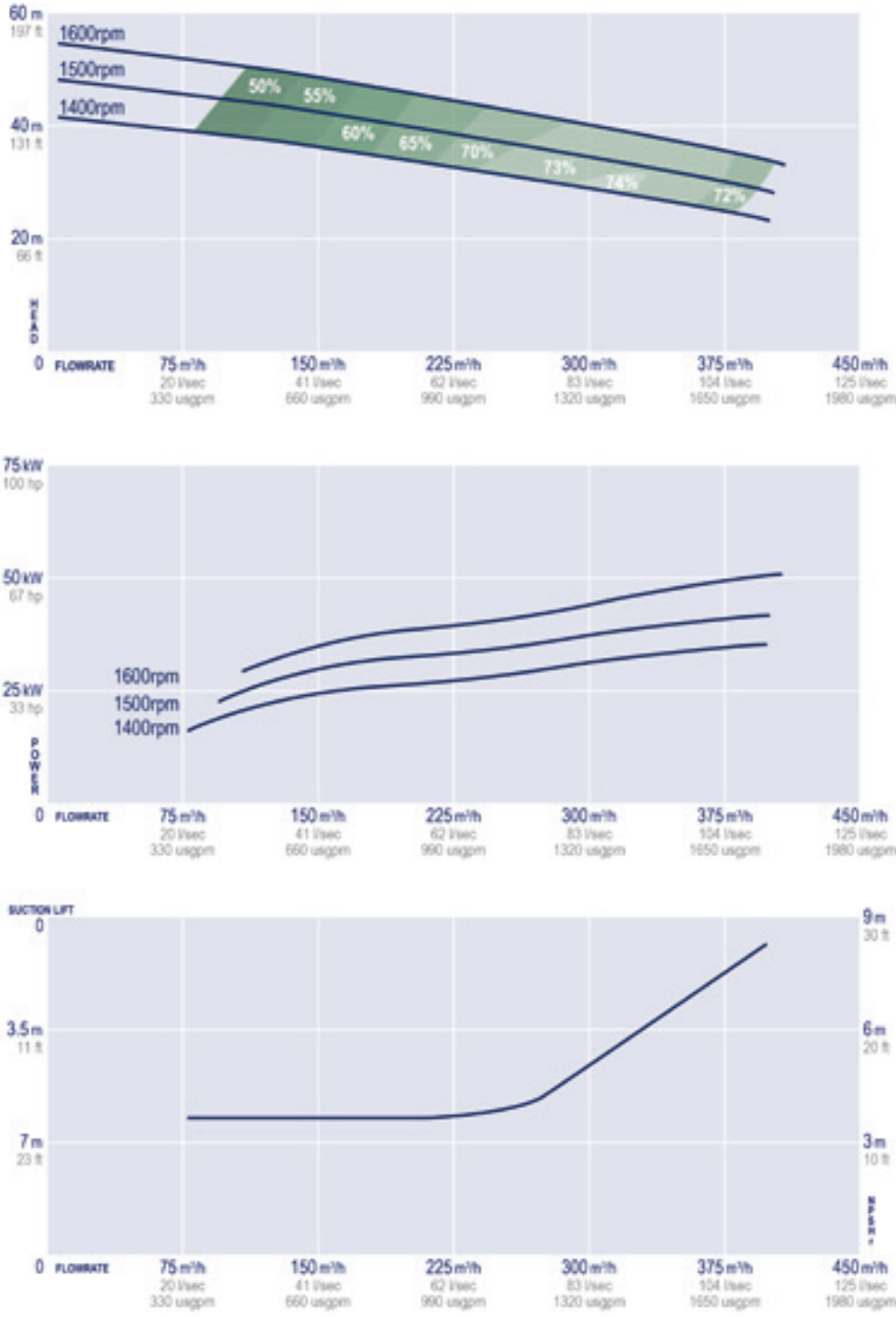
Model	CRP150NNW356	
Priming System	<b>Type:</b> Cornell liquid tolerant diaphragm vacuum pump 	<b>Air Removal Capability:</b> 50 cfm  <b>Priming Chamber:</b> Cornell optimised priming chamber design and valve linkage for maximum reliability and zero carryover  <b>Discharge Check Valve:</b> Patented Cornell Non return valve with optional 90 degree discharge and heavy duty flapper  <b>Run Dry:</b> Indefinite capability
	<b>Impeller</b> <b>Type:</b> Two Vane, WasteWarrior unique cutting impeller design for ragging conditions  <b>Size:</b> 356 mm (14.02")	
	<b>Volute</b> Heavy duty GG30 Gray Iron with 125# flanges	
<b>Mechanical Seal</b> Tungsten Carbide v Silicon Carbide		
<b>Bearing &amp; Shaft</b> Heavy-duty bearing housing with dual angular contact bearings on drive end and heavy duty shaft		

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**MARKETS**



# WW450/25



WARRIOR  
CUTTER



FLOW @ BEP	HEAD @ BEP	SPEED @ BEP	EFFICIENCY @ BEP
440 m <sup>3</sup> /hr 1940 usgpm	24 mtrs 79'	1780 rpm	69%

## AT A GLANCE

Suction Size	200 mm	8"
Discharge Size	200 mm	8"
Solids Handling	86 mm (min)	3.40" (min)
Max Flow	590 m <sup>3</sup> /hr	2600 usgpm
Max Head	34 mtrs	111'
Max Speed	1800 rpm	

## DIESEL ENGINE SPECIFICATION

### CHOOSE DIESEL

Fuel Tank Size	450 ltrs	119 usg
Fuel Burn/hr @ BEP	13 ltrs/hr	3.45 usgph
Rated Power @ BEP	41 kW	56 hp
Model	Deutz TD2.9	
Emissions	EU Stage V	
Max Power	55 kW	74 hp

## ELECTRIC MOTOR SPECIFICATION

### CHOOSE ELECTRIC

Model	WEG / ABB 415V 3 phase 50Hz	
Standard	IEC3	
Rated Power	55 kW	74 hp
Enclosure	TEFC	
Nominal Speed	1500 rpm	
Frame	250	

## 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

**4.20 HOURS**

To empty an Olympic Swimming Pool  
(2,500,000 litres) at Max Flow (590 m<sup>3</sup>/hr)



DXB3

## NET WEIGHT

2350 kgs  
5180 lbs

## L × W × H

2.85 × 1.20 × 2.00 mtr  
112 × 47 × 78"

## PUMP SPECIFICATION

Model	CRP200NNW280	
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	
Impeller	<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	
	<b>Type:</b> Two Vane, WasteWarrior unique cutting impeller design for ragging conditions 	
	<b>Size:</b> 280 mm (11.02")	
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	



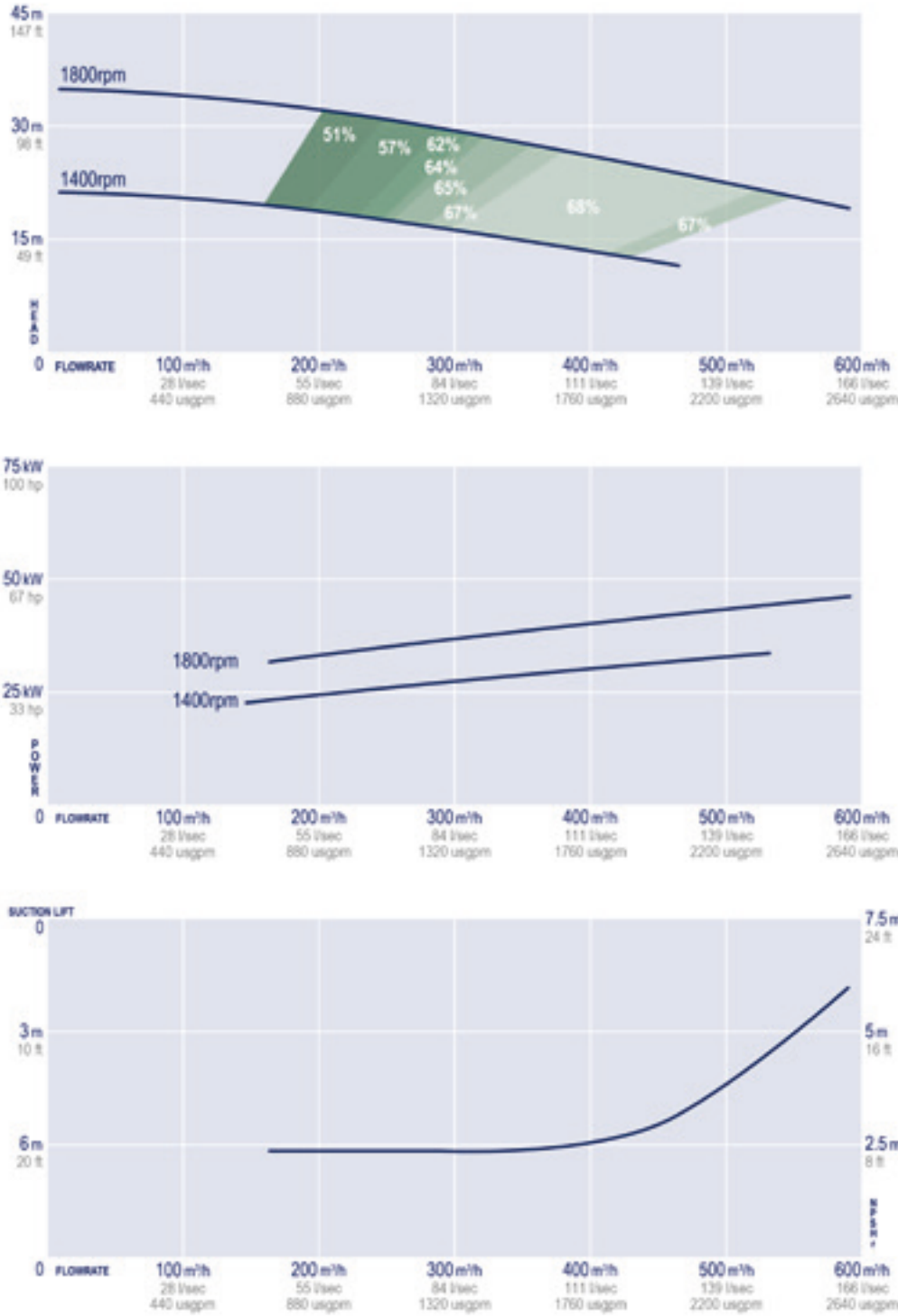
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# WW600/40



WARRIOR  
CUTTER



FLOW @ BEP	HEAD @ BEP	SPEED @ BEP	EFFICIENCY @ BEP
600 m <sup>3</sup> /hr 2650 usgpm	39 mtrs 129'	1800 rpm	77%

## AT A GLANCE

Suction Size	200 mm	8"
Discharge Size	200 mm	8"
Solids Handling	86 mm (min)	3.40" (min)
Max Flow	770 m <sup>3</sup> /hr	3400 usgpm
Max Head	57 mtrs	189'
Max Speed	1800 rpm	

## DIESEL ENGINE SPECIFICATION

### CHOOSE DIESEL

Fuel Tank Size	450 ltrs	119 usg
Fuel Burn/hr @ BEP	25 ltrs/hr	6.60 usgph
Rated Power @ BEP	83 kW	111 hp
Model	Deutz TCD3.6L4	
Emissions	EU Stage V	
Max Power	105 kW	141 hp

## ELECTRIC MOTOR SPECIFICATION

### CHOOSE ELECTRIC

Model	WEG / ABB 415V 3 phase 50Hz	
Standard	IEC3	
Rated Power	110 kW	148 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

**3.25 HOURS**

To empty an Olympic Swimming Pool  
(2,500,000 litres) at Max Flow (770 m<sup>3</sup>/hr)



## NET WEIGHT

2350 kgs  
5180 lbs

## L × W × H

2.85 × 1.20 × 2.00 mtr  
112 × 47 × 78"

## PUMP SPECIFICATION

Model	CRP200NNW342	
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	
Impeller	<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	
	<b>Type:</b> Two Vane, WasteWarrior unique cutting impeller design for ragging conditions 	
	<b>Size:</b> 342 mm (13.46")	
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	

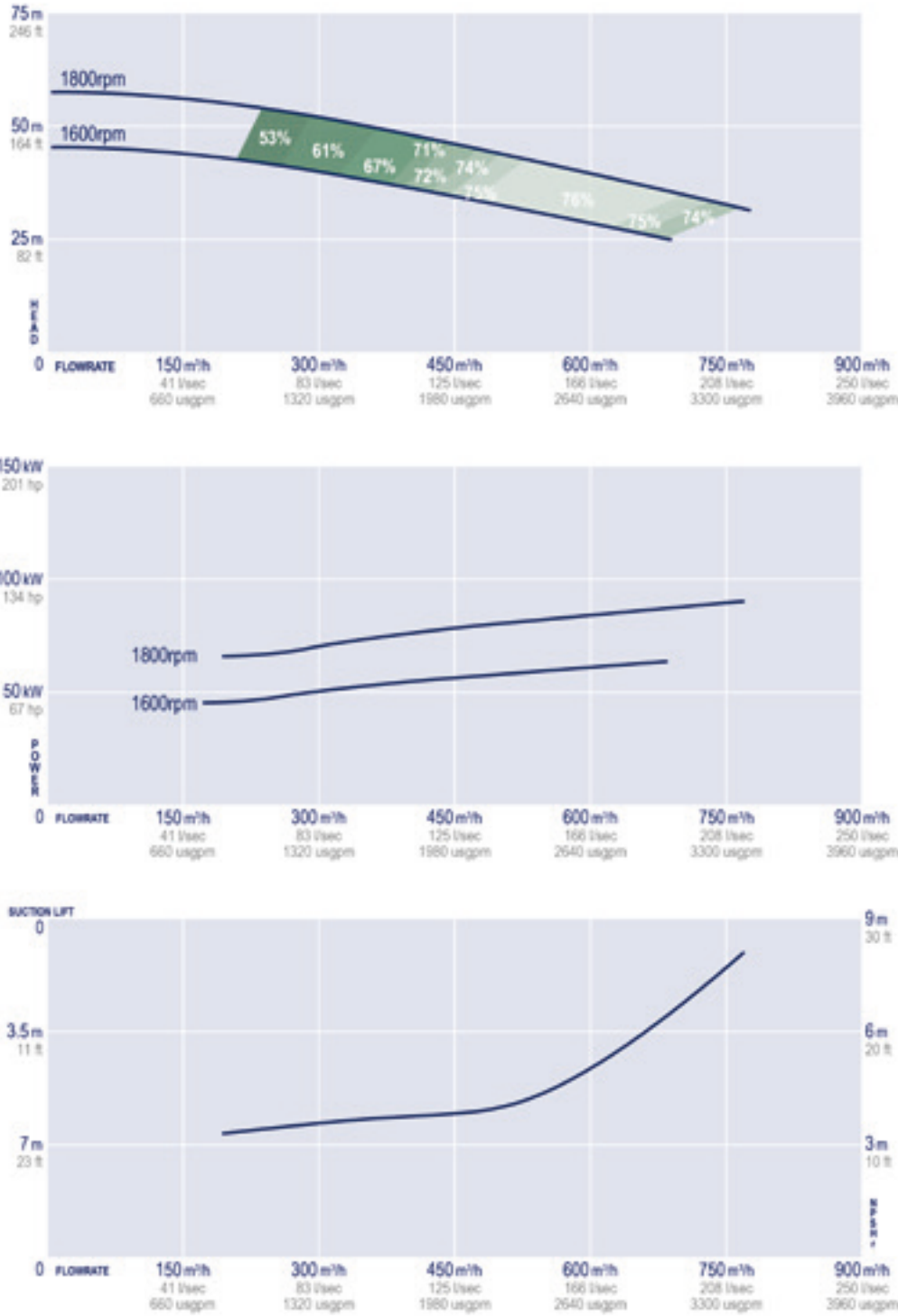


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# WW600/60



WARRIOR  
CUTTER



FLOW @ BEP	HEAD @ BEP	SPEED @ BEP	EFFICIENCY @ BEP
600 m <sup>3</sup> /hr 2650 usgpm	60 mtrs 198'	1770 rpm	72%

## AT A GLANCE

Suction Size	200 mm	8"
Discharge Size	200 mm	8"
Solids Handling	76 mm (min)	3" (min)
Max Flow	670 m <sup>3</sup> /hr	2950 usgpm
Max Head	87 mtrs	285'
Max Speed	1800 rpm	

## DIESEL ENGINE SPECIFICATION

### CHOOSE DIESEL

Fuel Tank Size	450 ltrs	119 usg
Fuel Burn/hr @ BEP	41 ltrs/hr	10.85 usgph
Rated Power @ BEP	137 kW	184 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

 **3.70 HOURS**

To empty an Olympic Swimming Pool  
(2,500,000 litres) at Max Flow (670 m<sup>3</sup>/hr)



DXB4



## NET WEIGHT

3750 kgs  
8265 lbs

## L × W × H

3.70 × 1.40 × 2.05 mtr  
146 × 55 × 80"

## PUMP SPECIFICATION

Model	CRP150NNW419	
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	
Impeller	<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	
	<b>Type:</b> Two Vane, WasteWarrior unique cutting impeller design for ragging conditions  <b>Size:</b> 418 mm (16.50")	
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	

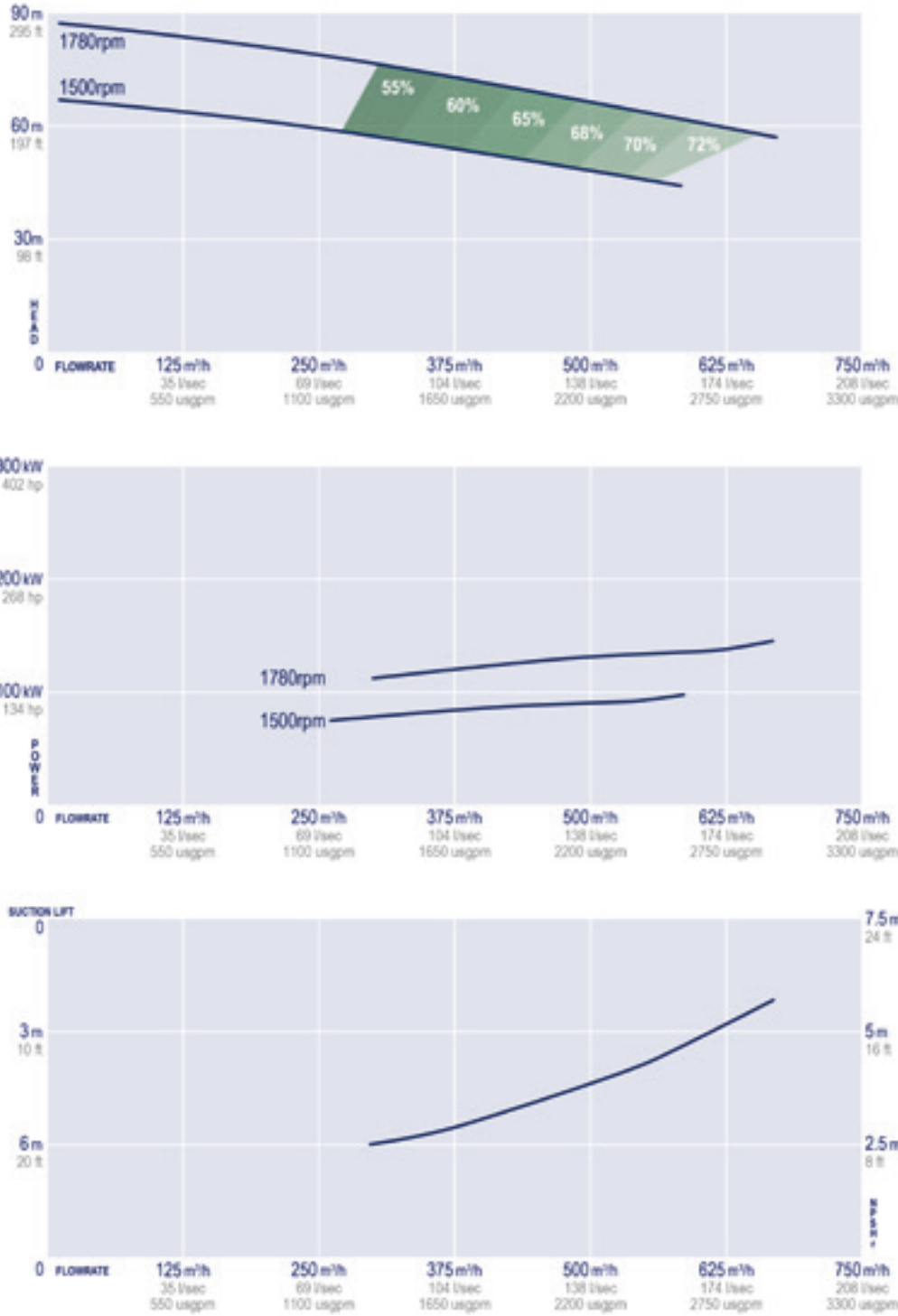


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# WW1000/40



WARRIOR  
CUTTER



FLOW @ BEP	HEAD @ BEP	SPEED @ BEP	EFFICIENCY @ BEP
1060 m <sup>3</sup> /hr 4660 usgpm	41 mtrs 136'	1600 rpm	70%

## AT A GLANCE

Suction Size	250 mm	10"
Discharge Size	250 mm	10"
Solids Handling	86 mm (min)	3.40" (min)
Max Flow	1350 m <sup>3</sup> /hr	5940 usgpm
Max Head	57 mtrs	188'
Max Speed	1600 rpm	

## DIESEL ENGINE SPECIFICATION

### CHOOSE DIESEL

Fuel Tank Size	450 ltrs	119 usg
Fuel Burn/hr @ BEP	51 ltrs/hr	13.50 usgph
Rated Power @ BEP	171 kW	229 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	

## 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

**1.85 HOURS**

To empty an Olympic Swimming Pool  
(2,500,000 litres) at Max Flow (1350 m<sup>3</sup>/hr)



DXB5

## NET WEIGHT

4100 kgs  
9040 lbs

## L × W × H

4.25 × 1.60 × 2.20 mtr  
167 × 63 × 87"

## PUMP SPECIFICATION

Model	CRP250NNW394	
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	
Impeller	<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	
	<b>Type:</b> Two Vane, WasteWarrior unique cutting impeller design for ragging conditions 	
	<b>Size:</b> 394 mm (15.50")	
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	

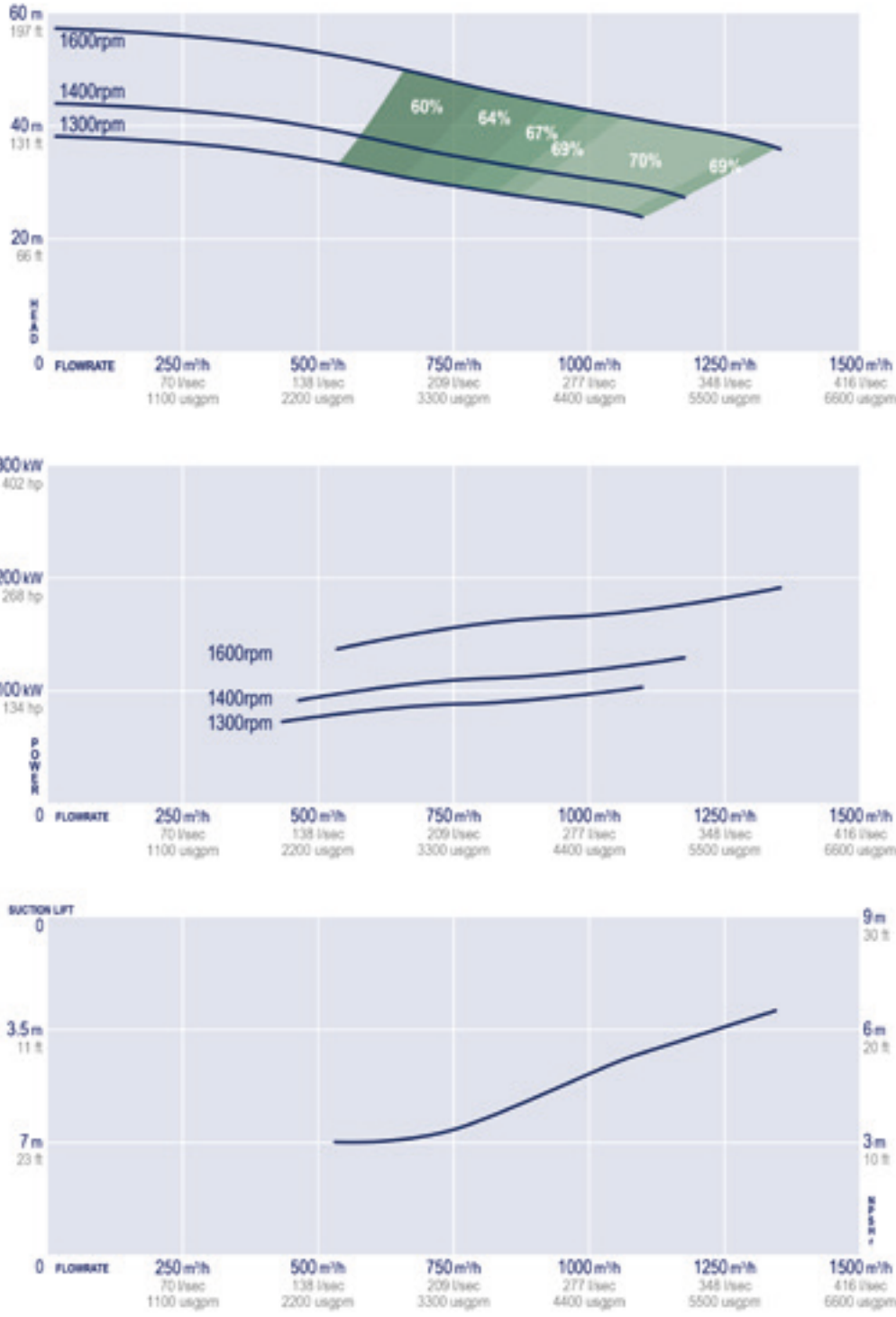


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MARKETS



# WW1250/35



WARRIOR  
CUTTER



FLOW @ BEP	HEAD @ BEP	SPEED @ BEP	EFFICIENCY @ BEP
1180 m <sup>3</sup> /hr 5190 usgpm	37 mtrs 121'	1200 rpm	77%

## AT A GLANCE

Suction Size	300 mm	12"
Discharge Size	300 mm	12"
Solids Handling	121 mm (min)	4.75" (min)
Max Flow	1480 m <sup>3</sup> /hr	6500 usgpm
Max Head	56 mtrs	184'
Max Speed	1200 rpm	

## DIESEL ENGINE SPECIFICATION

### CHOOSE DIESEL

Fuel Tank Size	450 ltrs	119 usg
Fuel Burn/hr @ BEP	46 ltrs/hr	12.15 usgph
Rated Power @ BEP	155 kW	208 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

**1.70 HOURS**

To empty an Olympic Swimming Pool  
(2,500,000 litres) at Max Flow (1480 m<sup>3</sup>/hr)



DXB4

## NET WEIGHT

9200 kgs  
20280 lbs

## L × W × H

4.00 × 1.50 × 2.50 mtr  
157 × 59 × 98"

## PUMP SPECIFICATION

Model	CRP300NNW495	
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	
Impeller	<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	
	<b>Type:</b> Two Vane, WasteWarrior unique cutting impeller design for ragging conditions 	
	<b>Size:</b> 495 mm (19")	
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	



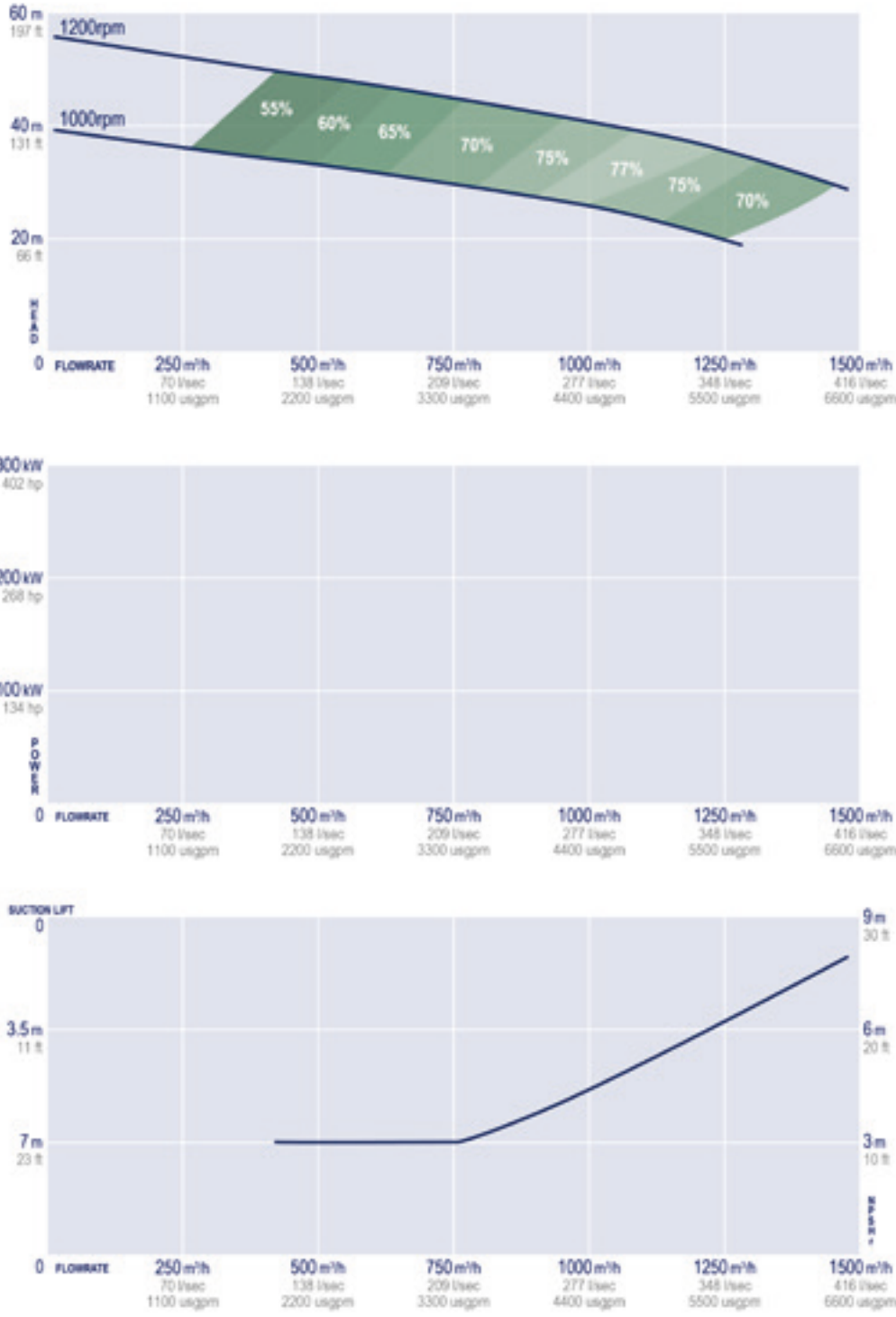
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**PERFORMANCE CHART (FOR GUIDANCE ONLY)**



**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!