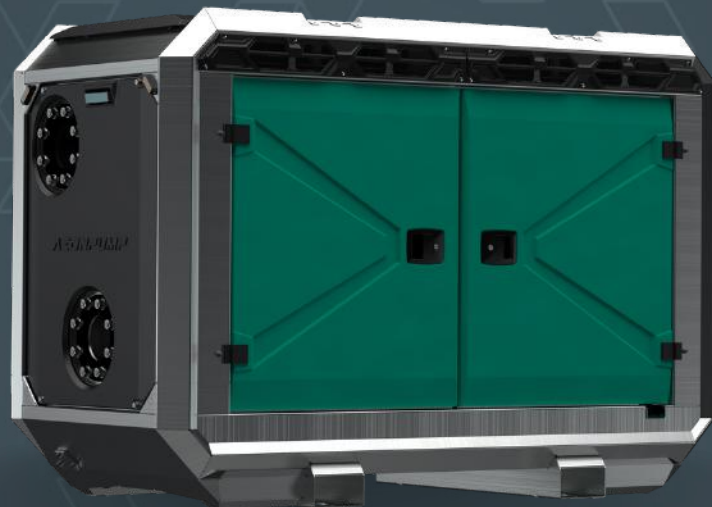


**AEDONPUMP**

# RAPTOR 8D SUPERHEAVY



**DIESEL**

**DRIVEN SEWAGE  
AND DEWATERING PUMP**

V2.25

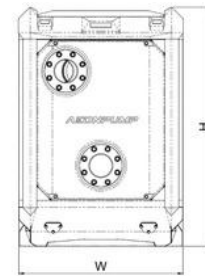
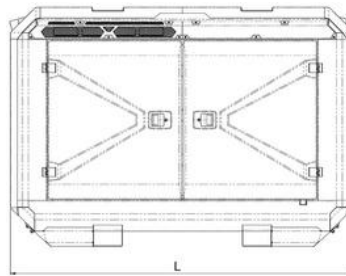
## FEATURES AND COMPETITIVE EDGE

Type: **Raptor 8D SUPERHEAVY**  
 Connection size: **8 in x 8 in**

Frame LxWxH: **2299x1100x1601 mm / 90.5x43.3x63 in**  
 Dry weight: **1950 kg / 4300 lbs**  
 Fuel tank capacity: **270 L / 70 US gal**  
 Consumption @ max rpm: **7 L/h / 1.9 gal/h**  
 Sound level: **76 dB at 10 m / 33 ft**

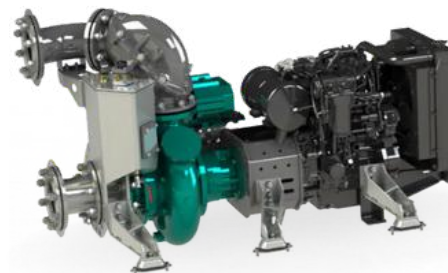
**Designed for heavy duty applications.**  
**Sewage bypass, drainage and dewatering:**

- Extended maintenance intervals;
- High-grade parts of superior quality;
- Online telemetry and remote access capability;
- Unsurpassed efficiency values that set the industry standard.



## PUMP TECHNICAL SPECIFICATION

**Pump** Max. flow: **600 m<sup>3</sup>/h / 2640 US gpm**  
 Max. head: **46 m / 150 ft / 65 PSI**  
 Impeller type: **Screw impeller**  
 Solids handling: **115 mm / 4.5 in**  
 Temperature: max. **40°C / max 104°F**  
 Casing: **GG25 (0.6025)**  
 Impeller: **GGG60 (0.7060)**  
 Suction Liner: **GG20 (0.6020)**  
 Wear Ring: **GG20 (0.6020)**  
 Shaft: **1.4021**  
 Shaft Sealing: **WC/SiC/NBR**  
 O-Rings: **NBR**  
 Suction liner adjustable by external regulation screws



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## Dual Vacuum pump System

### Priming System

Pump type: **dry claw vacuum pump**  
Air handling capacity: **120 m<sup>3</sup>/h / 70 CFM**  
Max. vacuum: **9.0 m / 30 ft**  
Floatbox: **Hot dip galvanized Steel**  
Non-return valve: **Ductile iron GJS400**  
Check valve ball: **Rubber NBR**  
Additional Vacuum pump: **120 m<sup>3</sup>/h / 70 CFM**  
Total Air Capacity: **240 m<sup>3</sup>/h / 140 CFM**



## ENGINE OPTIONS

**Standard** Model: **Hatz 4H50TIC**  
Emission standard: **Stage V/ Tier 4f**  
Cylinders: **4**  
Displacement litres: **1.952 L / 119.12 cu.in.**  
Bore and stroke: **84 x 88 mm / 3.31 x 3.46 in**  
Maximum power: **28 kW / 38 hp @1700 rpm**  
Variable speed: **1300 - 1700 rpm**  
Combustion system: **High-pressure common rail direct injection**  
Exhaust after treatment: **cEGR, DOC, DPF**



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FLUID SOLUTIONS

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1.877.907.7852



## FRAME OPTIONS

**Silent canopy** Canopy type: **Stackable**  
Material: **Hot dip galvanized Steel**  
Dimensions LxWxH: **2299x1100x1601 mm / 90.5x43.3x63 in**  
Lifting point: **Single lifting point**  
Forklift pockets: **Installed**

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**Open canopy** Canopy type: **Stackable**  
Material: **Hot dip galvanized Steel**  
Dimensions LxWxH: **2299x1100x1601 mm / 90.5x43.3x63 in**  
Lifting point: **Single lifting point**  
Forklift pockets: **Installed**



## CONTROL PANEL OPTIONS

**Standard** AEONPUMP Software  
Automatic level control  
Hydrostatic level sensor\*  
SMS alarm system\*  
Online telemetry\*  
Dual float switch  
Light Assistant\*

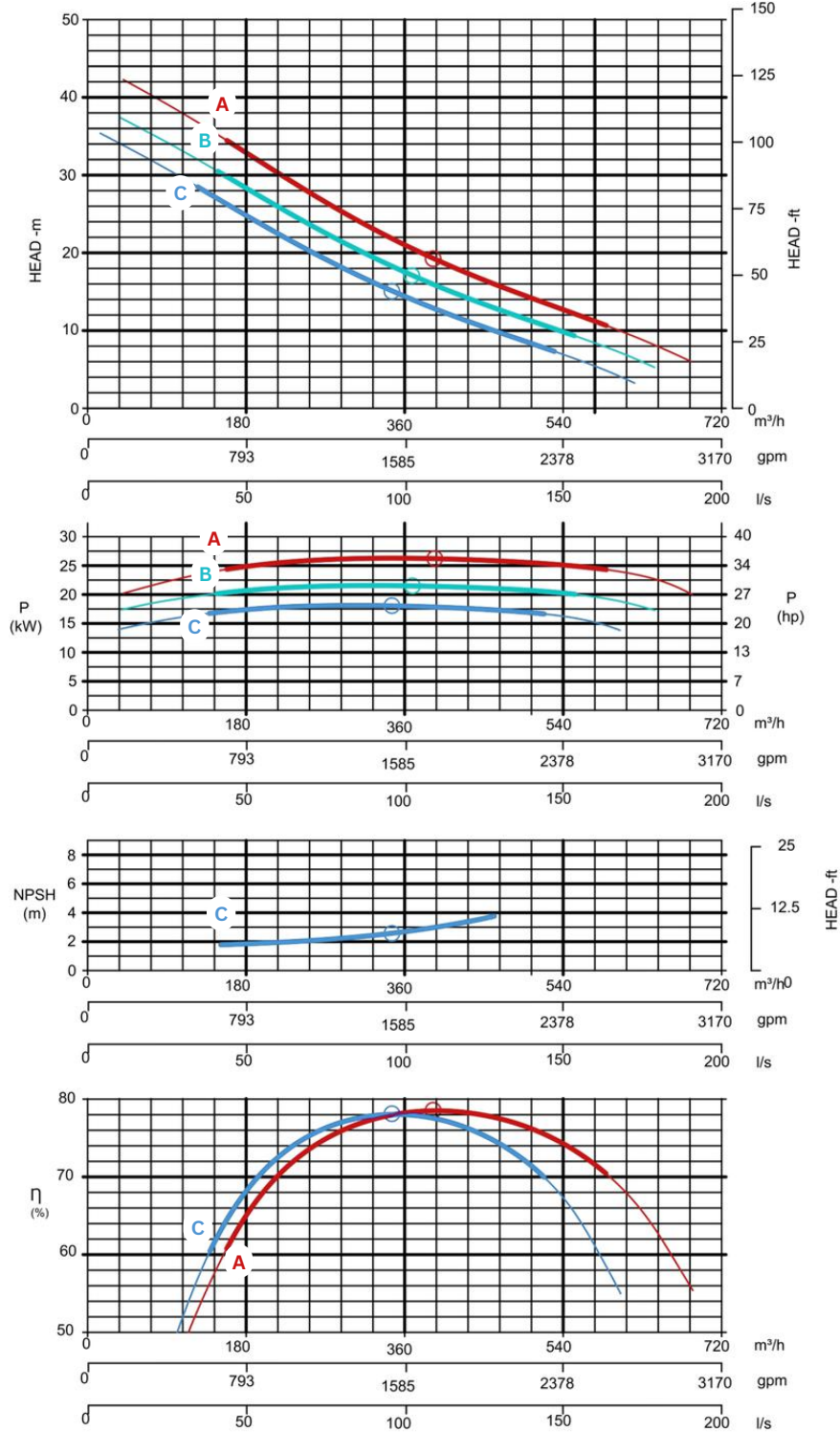
\* Optional



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**Curves at Speeds: A 1700 rpm B 1600 rpm C 1500 rpm**



Note: Pump power P include mechanical seal friction and bearing frame losses, from a run in bearing frame.  
(Testing according ISO 9906:2012-38)

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