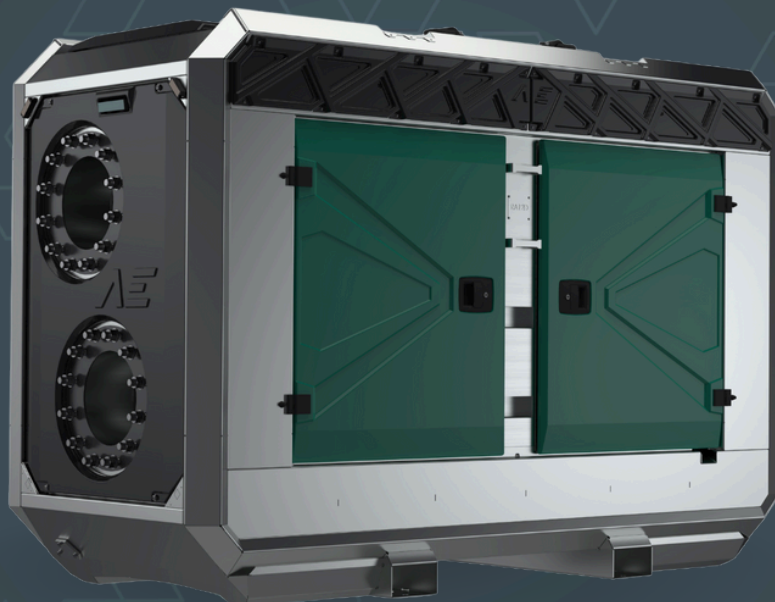


AEDONPUMP

RAPTOR 8D HEAVY



DIESEL

**DRIVEN SEWAGE
AND DEWATERING PUMP**

FEATURES AND COMPETITIVE EDGE

Type: **Raptor 8D HEAVY**

Connection size: **8"**

Frame LxWxH: **2700x1150x1820 mm**

(106.3x45.3x71.7")

Dry weight: **1950 kg (4299 lbs)**

Fuel tank capacity: **400 L**

(105.7 US gallons)

Sound level: **76 dB (at 10 m/at 32.8 feet)**

Designed for heavy duty applications.

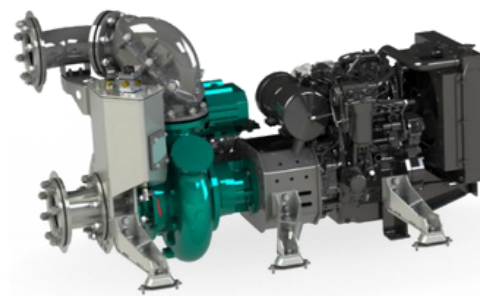
Sewage bypass, drainage and dewatering:

- 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: **720 m³/h (3168 gpm)**
Max. pressure: **52 m (170.6 feet)**
Impeller type: **Screw impeller**
Solids handling: **115 mm (4.5")**
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





Priming System Pump type: **dry claw vacuum pump**
Air handling capacity: **60 m³/h (35 CFM)**
Max. vacuum: **9.0 m (29.5 feet)**
Floatbox: **Hot dip galvanized Steel**
Non-return valve: **Ductile iron GJS400**
Check valve ball: **Rubber NBR**



ENGINE OPTIONS

Standard Model: **Hatz 4H50TICD/ Hatz 4H50TIC**
Emission standard: **Stage V/ Tier 4F**
Cylinders: **4**
Displacement: **1.952 L (119.12 cu.in.)**
Aspiration **Turbocharged charge air cooling**
Bore and stroke mm: **84 x 88 (3.31x3.46")**
Maximum power: **45 kW (60.35 hp) @1700 rpm**
Variable speed: **1500 - 1700 rpm**
Combustion system: **Direct injection**
Exhaust after treatment: **DOC, DPF**



FRAME OPTIONS

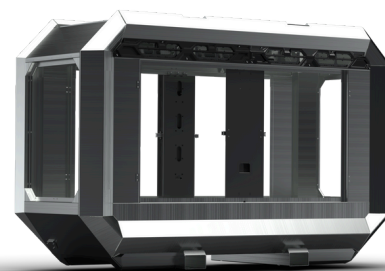
Silent canopy

Canopy type: **Stackable**
 Material: **Hot dip galvanized Steel**
 Dimensions LxWxH: **2700x1150x1820 mm**
(106.3x45.3x71.7")
 Lifting point: **Single lifting point**
 Forklift pockets: **Installed**



Open canopy

Canopy type: **Stackable**
 Material: **Hot dip galvanized Steel**
 Dimensions LxWxH: **2700x1150x1820 mm**
(106.3x45.3x71.7")
 Lifting point: **Single lifting point**
 Forklift pockets: **Installed**



CONTROL PANEL OPTIONS

Standard

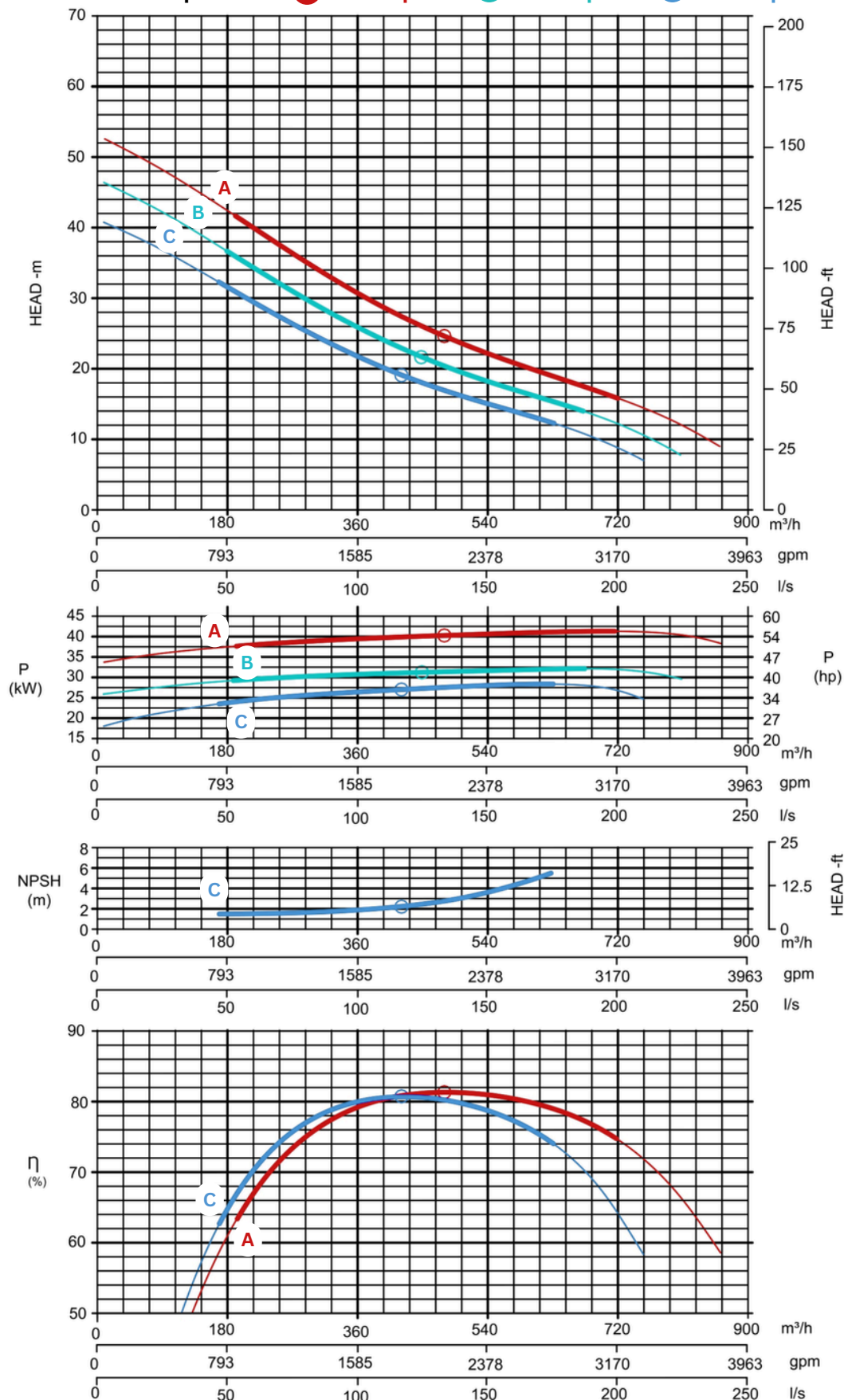
AEONPUMP Software
 Automatic level control
 Hydrostatic level sensor*
 SMS alarm system*
 Online telemetry*
 Dual float switch
 Light Assistant*

* Optional





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)