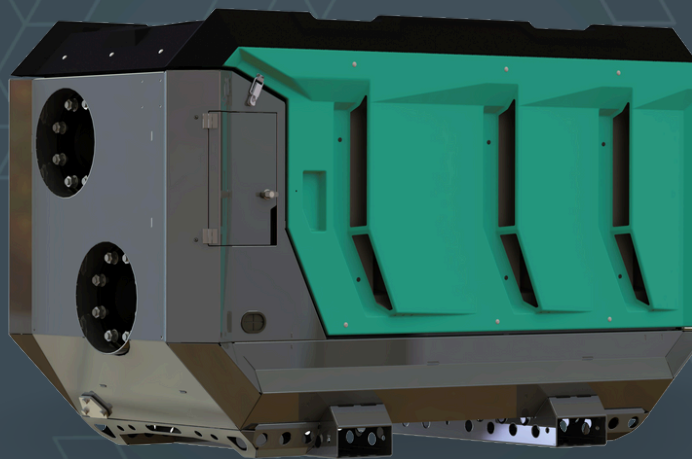


**AEDONPUMP**

# RAPTOR 6D LITE



**DIESEL**

**DRIVEN SEWAGE  
AND DEWATERING PUMP**

## FEATURES AND COMPETITIVE EDGE

Type: **Raptor 6D Lite**

Connection size: **6"**

Frame LxWxH: **2015x1033x1254 mm**  
**(79.33x40.67x49.37")**

Dry weight: **830 kg (1830 lbs)**

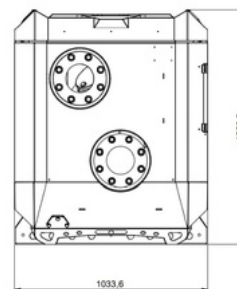
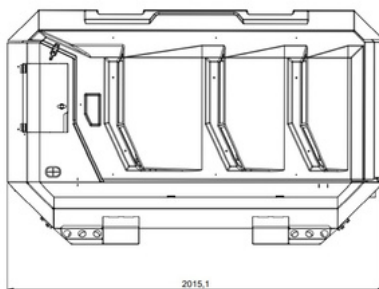
Fuel tank capacity: **150 L (39.63 US**  
**gallons)**

Sound level: **63 dB (at 10 m/ at 32.8 feet)**

**Designed for heavy duty applications.**

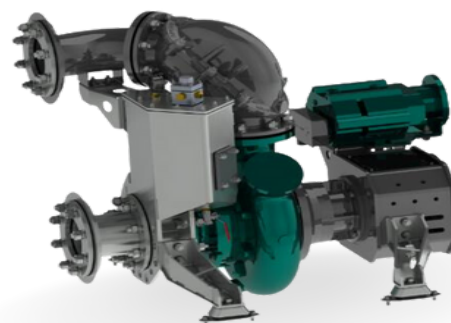
**Sewage bypass, drainage and dewatering:**

- 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: **430 m<sup>3</sup>/h (1892 gpm)**  
Max. pressure: **33 m (108.27 feet)**  
Impeller type: **Screw impeller**  
Solids handling: **100 mm (3.94")**  
Temperature: **max. 40°C (max 104°F)**  
Casing: **GG25 (0.6025)**  
Impeller: **GGG60 (0.7060)**  
Wear ring: **GG20 (0.6020)**  
Shaft: **1.4021**  
Shaft sealing: **WC/SiC/NBR**  
O-Rings: **NBR**  
Suction Liner: **GG20 (0.6020)**  
Suction liner adjustable by external regulation screws





**Priming System** Pump type: **dry claw vacuum pump**  
Air handling capacity: **60 m<sup>3</sup>/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 3H50T**  
Emission standard: **Stage V/ Tier 4f**  
Cylinders: **3**  
Displacement litres: **1.464 (89.34 cu.in.)**  
Bore and stroke: **84 x 88 mm (3.31x3.46")**  
Maximum power: **18.4 kW/ 24.7 hp @1600 rpm**  
Variable speed: **1500 - 1600 rpm**  
Combustion system: **Direct injection with Bosch off-highway common-rail**



### FRAME OPTIONS

**Silent canopy** Canopy type: **Non-stackable**  
Dimensions LxWxH: **2015x1033x1254 mm\***  
(**79.33x40.67x49.37"**)  
Lifting point: **Single lifting point**  
Forklift pockets: **Installed**

\*Trailer is not included

\*\*Pump is designed to be installed on the trailer



**Trailer** On request



**Lifting Hook** On request



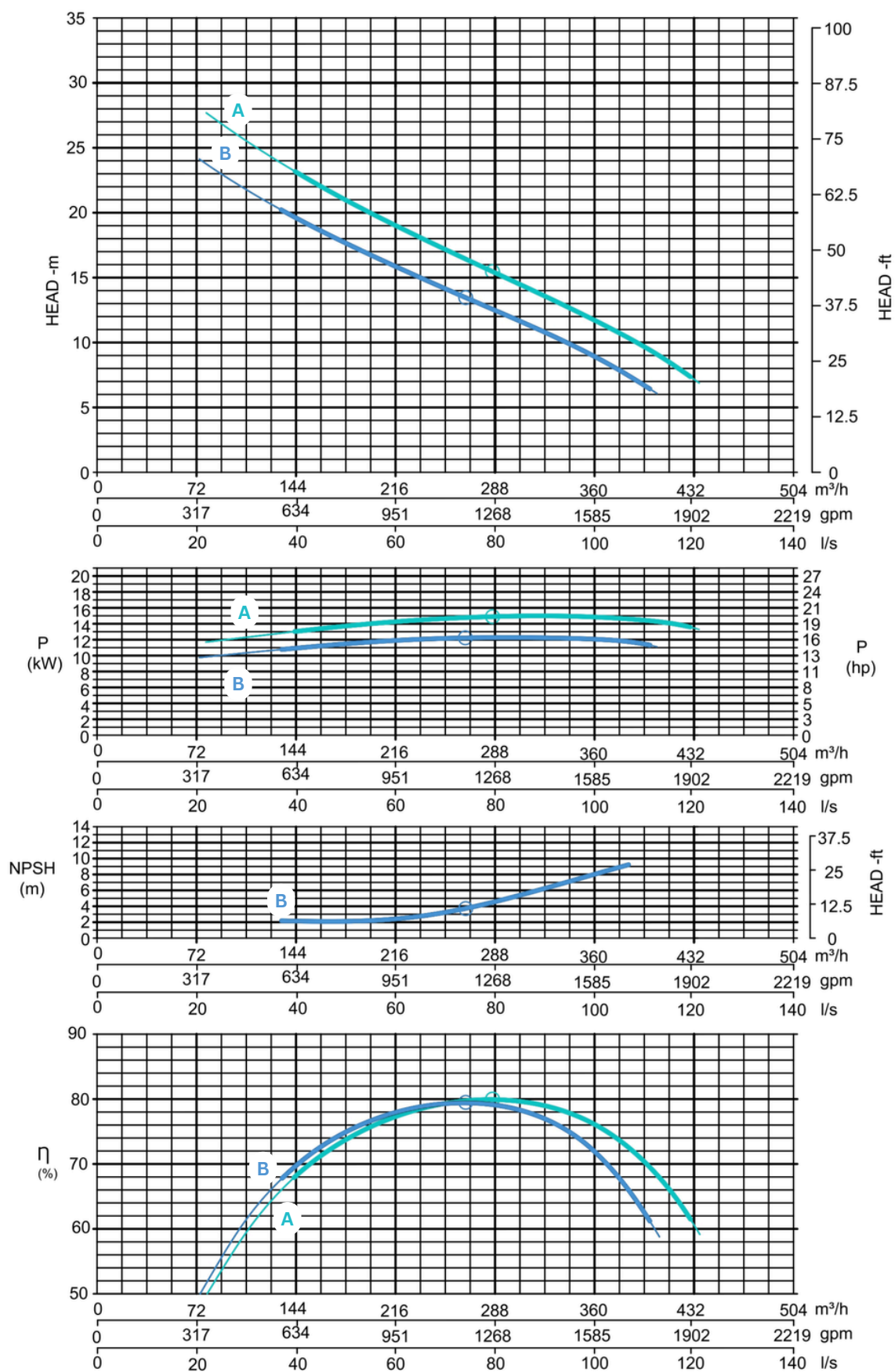
### CONTROL PANEL OPTIONS

**Standard** 3.5" digital panel  
Ignition switch  
Hour meter  
Dual float switch



### Curves at Speeds:

**A** 1600 rpm **B** 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)