

# PRODUCT DATASHEET

DIESEL PORTABLE SEWAGE PUMP

IMP6D-55-HSS



**612** m<sup>3</sup>/h  
MAX FLOW

**32m**  
MAX HEAD

**6" x 6"**  
FLANGE

 **IMPELLR**  
A TERRACORE COMPANY

SCAN HERE



The IMPELLR Dry Prime pump range delivers fast response to de-watering and sewage transfer applications and can be situated in remote locations. The Diesel engine powered pump set features a 100% mechanical diaphragm priming system that will suck even in dry conditions. Many user friendly features that help professionals keep sites waterlogged free or pumping sewage with solids quickly from a lagoon or lake with pipework, filtration, pipe ramps and many more IMPELLR equipment.

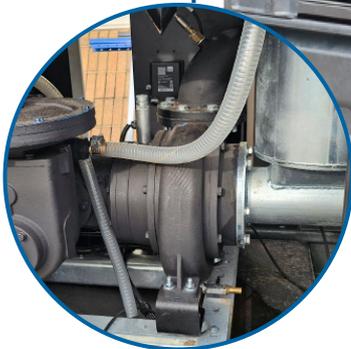
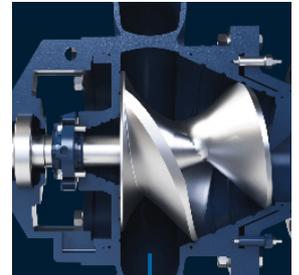
**IMPELLR FEATURES**

**Positioning of Pump**

Durable lifting eyes and fork pockets enable safe manoeuvre, allowing the pump to be placed into difficult areas.

**Screw Impeller**

Screw constructed pump that copes with modern day sewage that often contains non-degradable waste.



**Easy Access doors**

Made for practical access and easy maintenance of oil glasses, float box, impeller, non-return valve and more.

**Secure Connections**

Float switch sockets and Fuel feed and return couplers in secure location.



**HVO Compatible Stage V Engines**

Stage 5 engines for compliance and smooth running. Bunded fuel tank.



## CONNEX

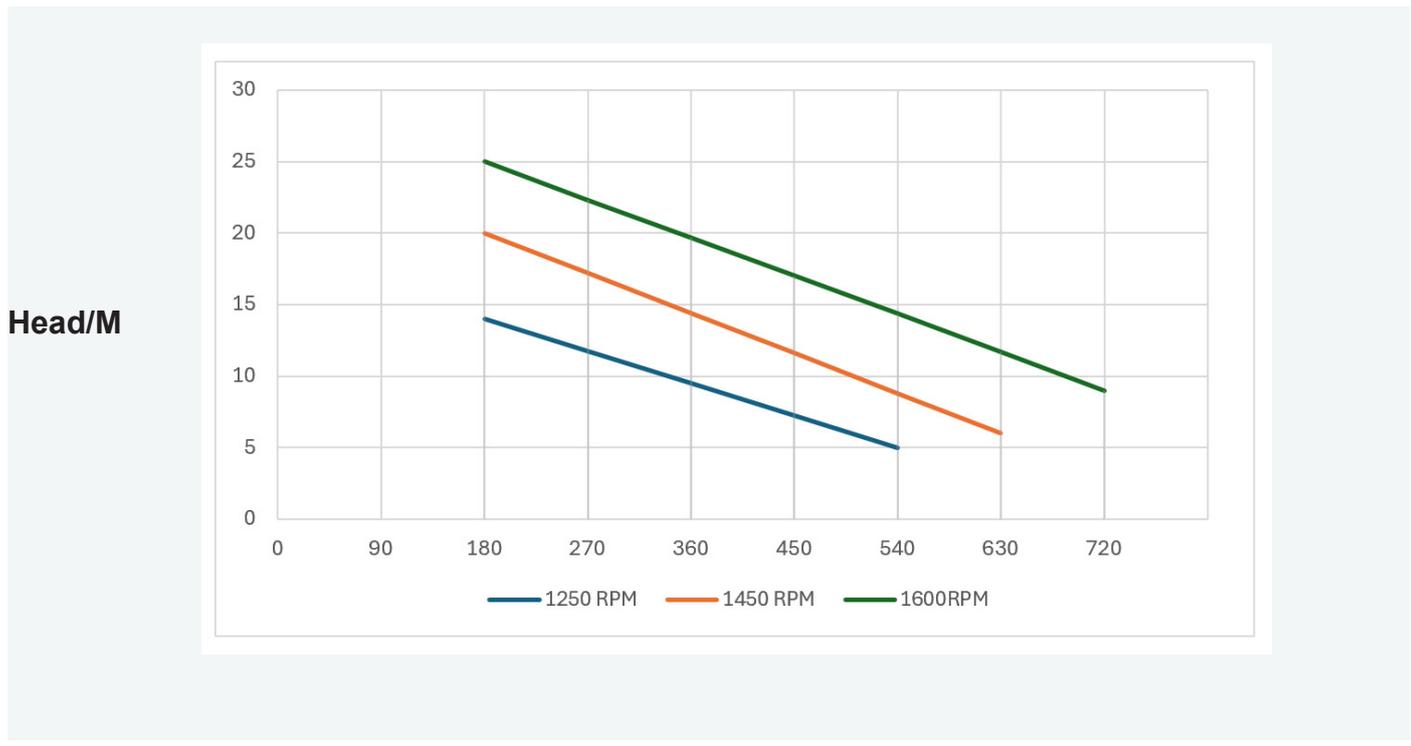
by Impellr

On-device Controller:

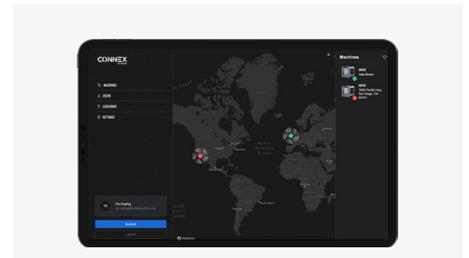
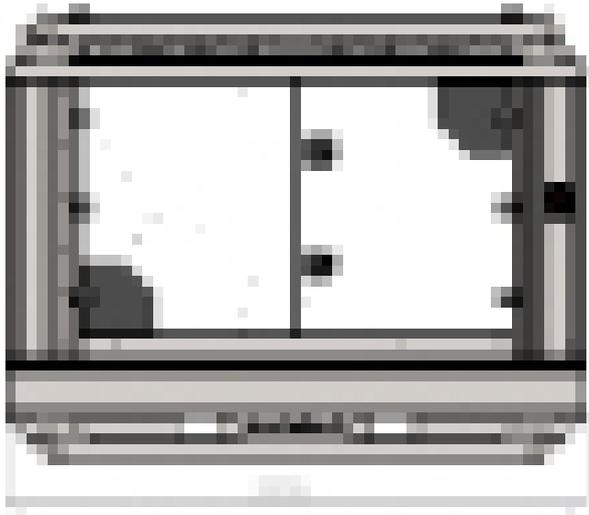
- Auto Start / Stop System
- Switch On / Off
- Tachnometer
- Hour Counter
- Warning Lights
- Two Float Switches
- Support for Automatic operation
- Tracked using CONNEX Cloud



## PERFORMANCE CURVES



<b>IMP6D-55-HSS - Pump</b>			
Max Flow M3/HR (USGPM)	612 (2694)	Suction/Discharge mm (inch)	150 (6") / 150 (6")
Max Closed Head M (FT)	32 (104)	Impellr Type	Screw Impeller
Efficiency	84%	Solids Handling mm (inch)	100 (4")
BEP Flow M3/hr (USGPM)	254 (1118) @1500rpm	Impeller & Volute Material	Ductile Iron GGG40
BEP Head M (Ft)	16 (52) @1500rpm	Pump Shaft	AISI 316
NPSHr @ BEP M (Ft)	() @1500rpm	Priming System	Mech Drive Diaphragm -50 m3/hr
<b>Engine - 55 Kw (HP)</b>			
Engine Type / Model	Hatz 4H50TICD	Speed RPM	1250 - 1750
Exhaust After Treatment	n/a	Service Intervals Hrs	500 / 12 Months
Fuel Tank Size Litre (USG)	300 (80)	Emissions Standard	Stage V
<b>Canopy / Controls</b>			
Weight with fuel Kg (Lbs)	Approx, 1900 (4200)	Dimensions LxWxH mm (inch)	2400x1150x1980 (95x45x78)
Noise Level (dB) @ 7m	66	Controls	<b>Connex Electronic</b>
Internal / External Lighting	Standard 12V	Telemetry Control	<b>Connex 2 Year Subscription</b>
Battery Charger	Standard 240/110V	Fire Extinguisher	Standard 3Kg Dry Powder
Frost Protection	Optional 240V	High / Low Level Switches	Standard Float Type



### Trailer Mountable

A range of road and site-tow-spec trailers are available with optional hose and equipment carriers.

### Pipework

A range of Bauer couplers, strainers and flanged pipework available.

### Smart Software

Our CONNEX software platform allows you to manage and control your pumps remotely, with telemetry and more.



### Hose and Pipes

Reinforced rubber suction and HDPE or galvanised steel pipes

### Pipe Ramps

1M, 3M and 5.5M road ramps for easy vehicle or pedestrian access

### Settlement Tanks

2.5, 6, 8 and 12 meter cube galvanised or painted settlement tanks with a range of outlet options.

