

# PRODUCT DATASHEET

## DIESEL PORTABLE GENERAL PURPOSE PUMP

**IMP4D-18-HVS**



**195**  
m<sup>3</sup>/h

**28m**  
MAX HEAD

**4" x 4"**  
FLANGE

SCAN HERE

 **IMPELLR**  
A TERRACORE COMPANY



The IMPELLR Dry Prime pump range delivers fast response to de-watering 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 transfer liquids with solids quickly from a lagoon or lake with pipework, filtration, pipe ramps and many more IMPELLR de-watering equipment.

## IMPELLR FEATURES

### Positioning of Pump

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



### Easy Access doors

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



### HVO Compatible Stage V Engines

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



## CONNEX

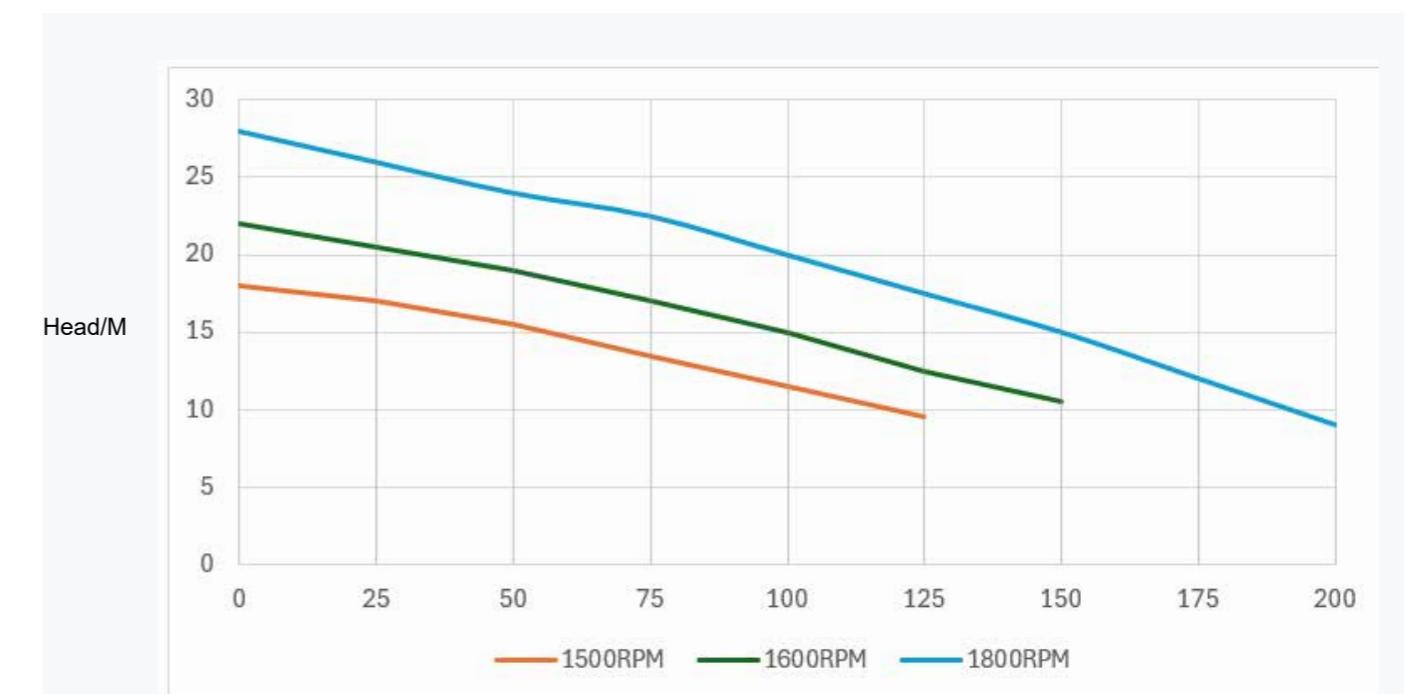
by Impellr

### On-device Controller:

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



## PERFORMANCE CURVES



### IMP4D-18-HVS - Pump

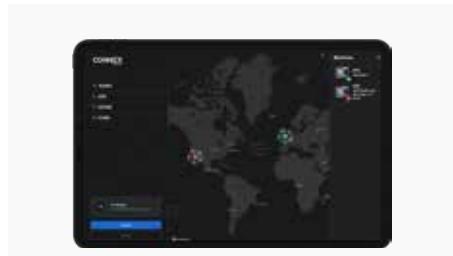
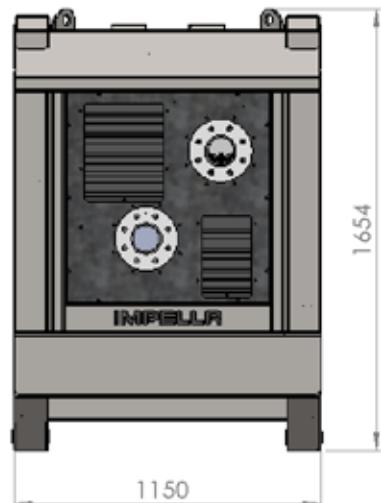
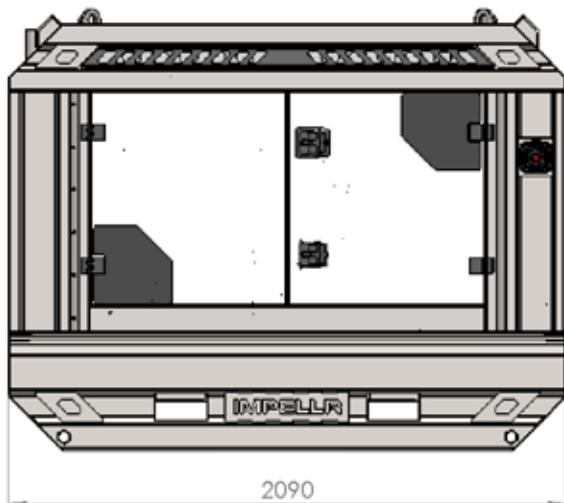
Max Flow M3/HR (USGPM)	195 (858)	Suction/Discharge mm (inch)	100 (4") / 100 (4")
Max Closed Head M (FT)	28 (91)	Impellr Type	2-Blade Spiral Open
Efficiency	57.5%	Solids Handling mm (inch)	35 (1.3")
BEP Flow M3/hr (USGPM)	144 (634)	Impeller & Volute Material	Ductile Iron
BEP Head M (Ft)	17 (55)	Pump Shaft	Stainless Steel 17-4PH
NPSHr @ BEP M (Ft)	4.2 (14)	Priming System	Mech Drive Diaphragm -50 m3/hr

### Engine - 18 Kw (24 HP)

Engine Type / Model	Hatz 3H50T	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

### Canopy / Controls

Weight with fuel Kg (Lbs)	Approx. 1650 (3640)	Dimensions LxWxH mm (inch)	2100x1700x1980 (83x45x67)
Noise Level (dB) @ 7m	66	Controls	Connex Electronic
Internal / External Lighting	Standard 12V	Telemetry Control	Connex 2 Year Free
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.



## Hose and Pipes

Reinforced rubber suction and HDPE or galvanised steel pipes

## Pipework

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



## Pipe Ramps

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

## Smart Software

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



## Settlement Tanks

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

