

# PRODUCT DATASHEET

## SURFACE 6" DIESEL DEWATERING PUMP IMP6D-18-HCC



**IMPELLR**  
A TERRACORE COMPANY

SCAN HERE



# 6" DIESEL

## Single or 4 point lifting

Durable lifting eyes enable easy transportation and allow the pump to be placed into difficult areas.

## Semi Open Channel 2 blade Impeller

Durable ductile iron semi open channel twin blade impeller for good solids handling and efficient operation.



## HVO Compatible Stage V Engines

Stage 5 engines for compliance and smooth running. Interchangeable bundled fuel tank. HVO compatible.



## 100% Oil-spill free priming system

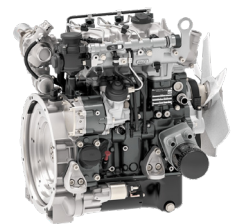
Mechanical priming system. Can quickly prime and re-prime, even from dry conditions.

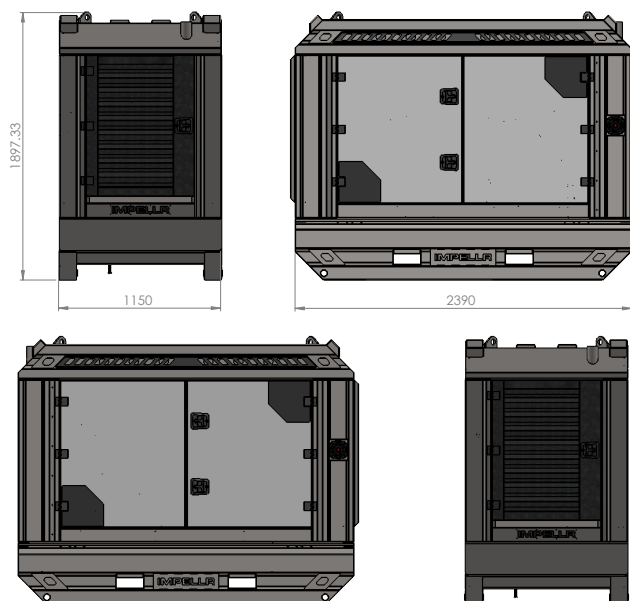
## Corrosion free hot dip galvanized canopy

With forklift pockets for easy moving.

## Easy Access doors

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





## CONTROLLER FEATURES

CONNEX On-device Controller:

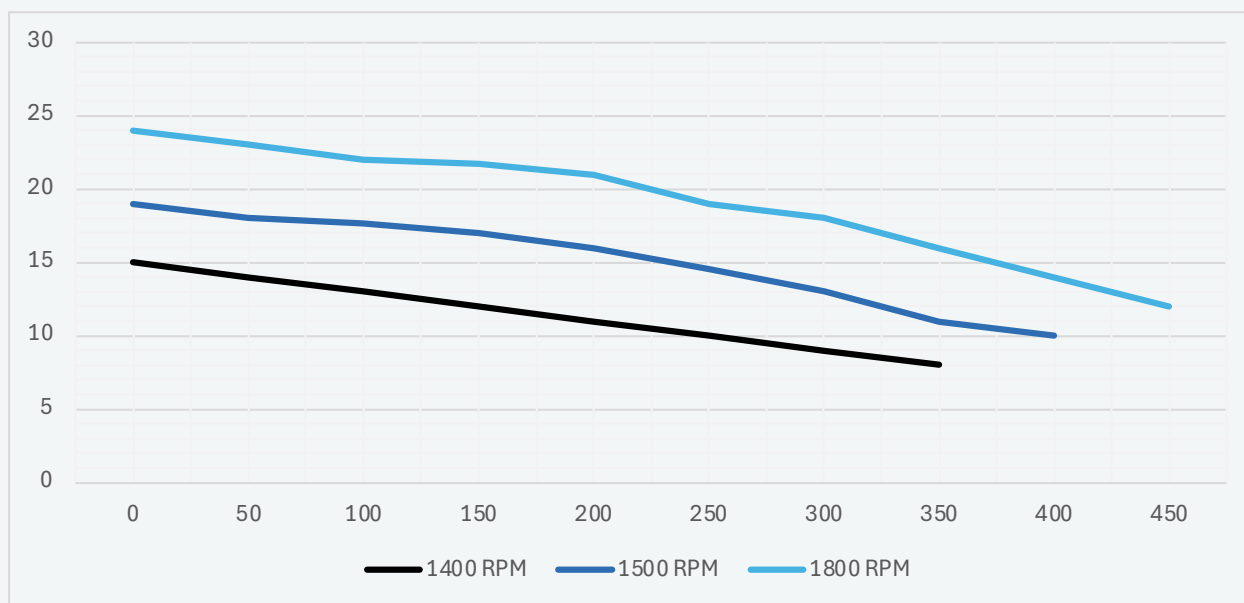
- Auto Start / Stop Sytem
- Switch On / Off
- Tachnometer
- Hour Counter
- Warning Lights
- Two Float Switches
- Support for Automatic operation
- 2 Emergency Stop Buttons

CONNEX Cloud Telematics:

- GPRS - Web Supervisor and App
- Geolocation and Geo-fencing
- Fleet manager
- + Much more. Visit [connex.impellr.com](http://connex.impellr.com)

	IMP6D-18-HCC
Primary Use	Dewatering/ Light Sewage
Max Flow m3/hr (CFM)	350 (206)
Max Closed Head m (Ft)	24 (78)
Max Operating Head m (Ft)	22.5 (73)
Best Efficiency	66%
BEP Flow m	250 (66)
BEP Head	15 (49)
Suction Flange mm (inch)	150 (6")
Discharge Flange mm (inch)	150 (6")
Solids Handling mm (inch)	76 (3")
Impeller Type	Semi Open Channel 2 blade
Impeller Material	Ductile Iron
Volute Material	Ductile Iron
Pump Shaft	Stainless Steel 17-4PH
Speed RPM	1200-1800
Priming System	Mechanical Drive Diaphragm Style
Discharge Check Valve	Swing Check Type
Vacuum prime m3/hr (CFM)	85 (50)
Vacuum Lift m (Ft)	8.5 (27)
Engine Type and Model	Hatz
Number of Cylinders	3
Engine Cooling System	Water Cooled
Emmisions Standard	Stage V
Exhust After Treatment	None
Fuel Type	Diesel (HVO)
Service Intervals Hrs	501
Fuel Tank Size - Ltr (USG)	300
Fuel Consumption Ltr/Hr (USG/Hr)	2.5lts/hr
Dimensions (LxWxH) - MM (inch)	2400x1150x1980 (95x45x78)
Dry Weight - Kg (Lbs)	NA
Wet Weight - Kg (Lbs)	NA
Warrentee Period	Std 12 Months Optional 3-year extended
Crane Lift Facility	YES
Fork Lift Facility	YES
Stackable	YES x3

## PERFORMANCE CURVES



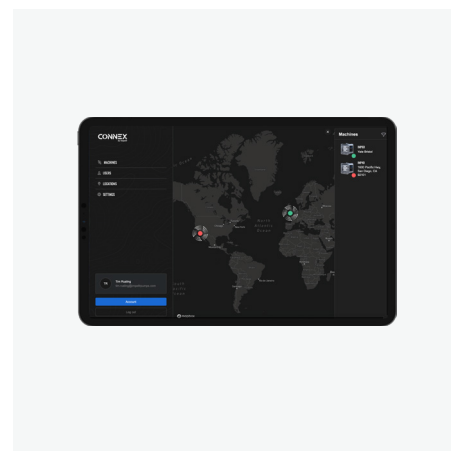
### Trailer Mountable

A range of road and site-tow-spec trailers are available with optional hose and equipment carriers. These trailers are ideal for fast deployment of pumping equipment.



### Stackable

Where storage is tight the Impellr pumps can be stacked 3 high.



### Smart Software

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