

# DATA SHEET – HPU 007

## HYDRAULIC POWER UNIT

### Overview

Pressure Dynamics HPU007 is a heavy-duty high flow hydraulic flushing unit.

With a large tank, duplex filtration, 3 independent motors, full directional control and lifting frame.

This unit is perfect for any mineral oil flushing scope regardless of site location.

Lifting frame with 4 lifting pad eyes.

### Build Specification

<b>Gross Weight</b>	2,450kg
<b>Dimensions</b>	L:1.20m, W:1.70m, H:2.00m
<b>Typical Design Life</b>	20 years
<b>Environmental Cert.</b>	Typ. -5°C to 45°C, Typ. DNV
<b>Frame / Skid construction</b>	Material: Steel plate AS3678 grade 250/350.
<b>Hydraulic Tube Work</b>	Welding: AS1554.1 CAT SP
<b>Materials Certification</b>	EN 10204 3.1



### Operating Specifications

<b>Fluid Types</b>	Mineral Oil
<b>Power Input</b>	Electrical, 5m 32A 3Ø
<b>Pump Pressure</b>	40bar
<b>Pump Flow</b>	250 L / min per pump Up to 750 L / min cumulatively
<b>Filtration</b>	Pressure
<b>Tank</b>	Carbon Steel 950L
<b>Motors</b>	3 x Electric 18.0kW 1440rpm Motors, return
<b>Pump</b>	1 x Air Drive Maximator 1400 Bar test pump

# ABOUT PRESSURE DYNAMICS

Pressure Dynamics is an engineering and services contractor specialising in hydraulic and lifting solutions.

Our team of highly skilled project managers, engineers and technicians are committed to collaborating with our clients in providing innovative, quality-assured services and products that deliver superior function, reliability and safety.

When we deliver, we focus on:



## RELIABILITY

Optimising equipment and system performance - to maximise your ROI.



## PRODUCTIVITY

Maximising operational reliability of assets and equipment safely and cost-effectively.



## INNOVATIVE SOLUTIONS

Developing creative, fit-for-purpose solutions to meet our client's true needs and objectives.



## RISK MANAGEMENT

Delivering and maintaining quality, cost-effective and safe equipment and assets while mitigating risk.



## MUTUAL SUSTAINABILITY

Delivering skill, knowledge and understanding through our documentation, user-intuitive products and training services.

## Market sectors we operate in:



Oil & Gas



Mining



Marine



Defence



Infrastructure



Power & Utilities

## Our location network



Abu Dhabi, UAE  
Ghana, W Africa

