

DATA SHEET – HPU 009

HYDRAULIC POWER UNIT

Overview

Pressure Dynamics HPU009 is a cleverly designed, compact offshore power unit.

Fully enclosed and offshore lift rated, this unit is ideal for valve functioning or flushing of systems

Build Specification

Gross Weight	480kg
Dimensions	L:1.15m, W:0.78m, H:1.50m
Lift	Lifting frame with lifting pad eyes

Component Information

Motor

- 7.5kW 4 Pole 415VAC 50Hz

Pump

Two pump options

- Interpump 21 L/min @ 200bar 1450rpm, 25L/min @165bar 1740rpm with 1/2"BSPP / MinsupA inlet connection
- Haskel MS71 air driven pump 0.1L/min @600bar

Manual control Valve

Filtration

- Return and offline filtration



Operating Specifications

Fluid Types	Water Glycol
Power Input	Electrical, 5m 32A 3Ø
Pump Drive 1	Electro-hydraulic (low press.)
Pump Drive 2	Pneumatic (high press.)
Tank Data	Stainless Steel 170L
Pump 1 Pressure	Low Pressure: 200bar
Pump 2 Pressure	High Pressure: 600bar
Pump 1 Flow	8 – 21 L / min
Pump 2 Flow	0.1 L / min



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

