

DATA SHEET – HPU002

HYDRAULIC POWER UNIT

Overview

Pressure Dynamics HPU002 is an efficient, compact and robust power unit suitable for a range of environments and applications.

Built with a 7.5kw 4 pole 415vac 50 Hz Electric Motor driving Summa PVP2602M21FS1AA Vane pump. This unit has DCV Control with two outlets. Includes pressure filter and return filter. Fitted to skid frame for ease of handling.

Build Specification

Gross Weight	480kg
Dimensions	L:1.52m, W:10.9m, H:0.85m

Additional Pump Information

Electric Motor

- 7.5kw 4 pole 415vac 50 Hz

Low Pressure

- Pressure and return line filtration to 10µ.

Control

- Bi-direction lever valve.



Operating Specifications

Fluid Types	Mineral Oil
Power Input	Electrical, 10m 32A 3Ø
Pump Drive 1	Electro-hydraulic
Pump Drive 2	Carbon Steel 220L
Tank Data	Low Pressure: 10bar
Pump 1 Pressure	High Pressure: 160bar
Pump 2 Pressure	95 L / min
Pump 1 Flow	23 L / min
Pump 2 Flow	23 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

