

DATA SHEET – HPU020

HYDRAULIC POWER UNIT

Overview

Pressure Dynamics HPU020 is air driven chemical dosing pump, speed and stroke controlled for accurate dosing rates. Built with a calibration pot for injection rate measurement, this compact unit is ideal for a range of chemical injection applications

Build Specification

Gross Weight	25kg
Dimensions	L:0.45m, W:0.50m, H:0.65m
Typical Design Life	20 years
Frame / Skid construction	Material: Steel plate AS3678 grade 250/350. Welding: AS1554.1 CAT SP
Hydraulic Tube Work	Typ. ASME B31.



Operating Specifications

Fluid Types	Chemical Injection
Pump Drive	Maximator MSF37(L) air pump 37:1 (speed controlled)
Pump Pressure	230 bar
Pump Flow	1.5 L / min
Tank Data	500ml Calibration pot
Controls	Block and bleed



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

