

DATA SHEET – HPU 008

HYDRAULIC POWER UNIT

Overview

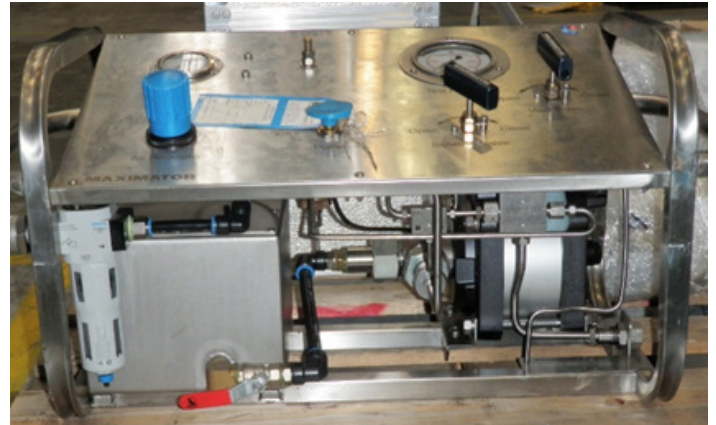
Pressure Dynamics HPU008 is a reliable, portable and powerful test unit.

With stainless steel frame and tank this unit is ideal for offshore, remote site or workshop based pressure testing.

Fitted with an Air Driven Maximator MPU-G150-10L-SS liquid pump.

Build Specification

| | |
|----------------------------------|---|
| Gross Weight | 150kg |
| Dimensions | L:1.20m, W:0.75m, H:0.80m |
| Typical Design Life | 20 years |
| Environmental Cert. | Typ. -5°C to 45°C, Typ. DNV |
| Cathodic Protection | RP-B401 |
| Electrical Systems | Typ. IECEx certified |
| Frame / Skid construction | Material: Steel plate AS3678 grade 250/350. Welding: AS1554.1 CAT SP |
| Hydraulic Tube Work | |
| Materials Certification | Typ. ASME B31.3 |
| Inlet | EN 10204 3.1 |
| Outlet | ½" BSP or Minsup |



Operating Specifications

| | |
|------------------------|--|
| Fluid Types | Water Glycol |
| Power Input | Air Driven |
| Pump Drive | Pneumatic (high pressure) Atex approved |
| Tank Data | Stainless Steel 350L |
| Pump 1 Pressure | 1034bar |
| Pump Flow | 1.36 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

