HuBei Petrokh Petroleum Machinery Co., Ltd.

Oil & Gas Petroleum Machinery — Fracturing · Cementing · Acidizing · Workover

Web: https://www.petrokh.net | Email: chinapetroleummachinery@hotmail.com | Jingzhou, Hubei, China

2500HP Quintuple Pump Unit

Horizontal Reciprocating Positive-Displacement Quintuplex Pump

The 2500HP quintuple pump unit is a horizontal reciprocating positive displacement pump built for harsh oilfield pumping conditions. With 1866 kW rated brake horsepower, an 8-inch stroke and plunger options from 3-3/4" to 5", it delivers high displacement with small pressure fluctuation for intermittent workovers and high-rate fracturing.

Technical Specifications

Max. BHP	1866 kW (2500 HP)
Max. Load of Conrod	855 kN (192325 lbf)
Stroke	203.2 mm (8 in)
Max. Specific Water Circle	330 rpm
Gear Ratio	6.353 : 1
Plunger Diameter Range	3-3/4" – 5"
Max. Discharge Pressure	120 MPa (3-3/4" plunger)
Displacement Range	802 – 4247 L/min (plunger & speed dependent)
Overall Dimension (L×W×H)	2199 × 1980 × 1113 mm (86.6" × 78" × 43.8")
Weight	6760 kg (14903 lbs)

Plunger	Disp. 115 rpm (L/min)	Press. 115 rpm (MPa)	Disp. 330 rpm (L/min)	Press. 330 rpm (MPa)
3-3/4"	802	120	2385	42.2
4"	912	105.6	2710	37.1
4-1/2"	1154	83.4	3437	29.2
5"	1427	67.5	4247	23.7

Typical Applications

- Intermittent workover pumping
- Oil well fracturing
- Acidizing, well killing and gravel packing

Certification & Testing: API · HSE · ISO 9001:2008 Certified Manufacturer | Established in 2006. This unit is designed and built for oilfield service duty; full factory test reports and configuration data are available on request.