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

1000HP Quintuplex Plunger Pump Skid (5ZB-1000)

Skid-Mounted Horizontal Quintuplex Plunger Pump

The 1000HP quintuplex plunger pump skid is a five-throw horizontal positive displacement pump mounted with its power end and skid frame for direct wellsite deployment. Plunger range from 3" to 4-1/2" lets operators match displacement from 173 to 392 L/min for cementing, acidification, gravel packing and well killing.

Technical Specifications

Pump Type	1000 / 5ZB-1000, quintuplex skid
Max. Input Power	745 kW (1000 HP)
Max. Load of Conrod	445000 N (100000 lbs)
Stroke	152.4 mm (6 in)
Max. Specific Water Circle	450 rpm
Gear Ratio	4.61 : 1
Plunger Diameter Range	3" (76.2 mm) – 4-1/2" (114.3 mm)
Max. Discharge Pressure	98 MPa
Displacement Range	173 – 3518 L/min (plunger & speed dependent)
Overall Dimension (L×W×H)	1290 × 1910 × 860 mm (50.7" × 75.1" × 33.5")
Weight	3180 kg (7000 lb)

Plunger	Disp. 50 rpm (L/min)	Press. 50 rpm (MPa)	Disp. 450 rpm (L/min)	Press. 450 rpm (MPa)
3"	173	98	1563	26
3-1/2"	237	72	2128	19
4"	308	55	2780	15
4-1/2"	392	43	3518	11

Typical Applications

- Well cementing
- Acidification and matrix stimulation
- Gravel packing and well killing

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.