HuBei Petrokh Petroleum Machinery Co., Ltd.

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

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YLC140-2080 Fracturing Pump Truck (2800)

Truck-Mounted High-Pressure Quintuplex Frac Pumper

The YLC140-2080 (2800) fracturing pump truck is the flagship high-pressure pumper of the fleet, with a 2235 kW (3000 hp) engine driving a 2085 kW (2800 hp) quintuple fracturing pump to 140 MPa. On a Mercedes-Benz chassis with MTU engine and TWIN gearbox, the reinforced frame is built for off-road oilfield driving.

Technical Specifications

Chassis	Mercedes-Benz
Deck Engine	MTU, rated 2235 kW (3000 hp)
Deck Gearbox	TWIN
Plunger Pumper	Kh2800 quintuple plunger pump, 2085 kW (2800 hp)
Maximum Pressure	140 MPa (20000 psi)
Plunger Diameter	3-3/4" / 4" / 4-1/2"
Max. Displacement	up to 3128 L/min (4-1/2" plunger, top gear)
Weight	about 43000 kg

Gear	Sp. water cycle (rpm)	Disp. 3-3/4" (L/min)	Disp. 4" (L/min)	Disp. 4-1/2" (L/min)	Press. (MPa)
I	67	486	553	700	140 / 123 / 97.4
III	105	762	867	1097	140 / 123 / 97.4
V	156	1131	1287	1629	99 / 87 / 68.7
VIII	300	2172	2471	3128	51.5 / 45.3 / 35.8

Typical Applications

- Heavy-duty high-pressure hydraulic fracturing
- Off-road oilfield well stimulation
- Network-controlled fleet pumper operation

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.

Performance table at deck engine n = 1900 r/min; pressure columns correspond to 3-3/4" / 4" / 4-1/2" plungers. Overall truck dimensions are not published on the product page.