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Oil & Gas Petroleum Machinery — Fracturing · Cementing · Acidizing · Workover
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YLC105-1200 Acidizing Unit

Truck-Mounted High-Pressure Acidizing / Acid Fracturing Unit

The YLC105-1200 acidizing unit is equipped with a horizontal triplex single-function (3ZB-1120) plunger pump. Its high-pressure pump and acid-tolerant fluid end make it a core unit for matrix acidizing and acid fracturing treatments, with an enclosed operator cabin.

Technical Specifications

Chassis	Norther Benz 8×4 truck
Engine	KTA38-C1200
Transmission	BY920
Plunger Pump	3ZB-1120 triplex (1800-type)
Max. Input Power of Pump	1120 kW
Max. Working Pressure	99 MPa (4" plunger)
Max. Flowing Rate	2552 L/min (5" plunger)
Optional Plunger Sizes	4" / 4-1/2" / 5"
Pump Package L×W×H	2199 × 1472 × 1113 mm
Pump Package Weight	≤ 4500 kg

Gear	Sp. water cycle (rpm)	Disp. 4" (L/min)	Disp. 4-1/2" (L/min)	Disp. 5" (L/min)	Press. 4"/4-1/2"/5" (MPa)
I	78	385	487	602	105 / 86 / 69
III	161	797	1008	1245	52 / 41 / 33
V	330	1633	2067	2552	25 / 20 / 16

Typical Applications

- Matrix acidizing and well stimulation
- Acid fracturing with proppants
- High-pressure heterogeneous fluid pumping and pressure testing

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.

Pump-package dimensions/weight refer to the skid-mounted pump section; complete truck dimensions available on request.