

# Multifunctional oilfield special vehicle

## Product advantages

- Hydraulic continuously variable transmission, with displacement continuous and adjustable, and the minimum stable displacement is less than 100L / min
- 1800 five-cylinder plunger pump, with stable displacement output;
- Three sets of water tanks are provided for single vehicle independent pressure test;
- Centrifugal pump for water supply is provided to realize independent construction;
- The service life of the S.S. pump head body and manifold system is longer;
- Three-bridge chassis, with turning radius of 22m, has better passing performance;
- All-round arrangement of LED working lights to facilitate night construction.





Main functional characteristics of product

- ① .

Coiled tubing drilling plug for fluid supply, with displacement of 0.2-0.4 m³/min and pressure of about 50-70 Mpa;
- ② .

Chemical squeeze injection into self-blowout well for pipe clearance, with displacement≤ 0.2m³/min and pressure of about 100Mpa;
- ③ .

Water injection process, with displacement of 0.5-0.8m³/min and pressure of about 40-50Mpa, for 72H continuous operation;
- ④ .

Pressure test process, with displacement of 0.1-0.2m³/min and pressure of 70-105Mpa;
- ⑤ .

Small-scale acid fracturing, with displacement of 0.5m³/min and pressure of 80Mpa.

Main product parameters

Product type	1500-type
Maximum operating pressure (MPa)	3.75"-105(15000)
Maximum output flow (L/min)	3.75"-1631(494)
Maximum water output power (kw)	1000
Truck outside dimension (L×W×H) (mm)	≤ 9800×2550×4000
Total equipment weight (kg)	≤ 33450
Power of deck engine hp (kw)	2×758(2×565)
Chassis engine power KW(HP)	316(430)@1900 rpm
High pressure manifold system	105 Mpa

Таблица давления и расхода

Stroke number	Displacement L.min-1			Pressure MPa		
	3.75"plunger	4"plunger	4.5"plunger	3.75"plunger	4"plunger	4.5"plunger
10	72	82	105	103	96	76
15	108	123	157	103	96	76
30	217	247	314	103	96	76
50	362	412	523	103	96	76
80	578	658	836	93	82	65
110	795	905	1150	68	60	47
140	1012	1152	1463	50	44	35
170	1229	1399	1777	41	36	29
200	1446	1646	2090	33	29	23
226	1631	1860	2362	28	25	19

SANY PETROLEUM INTELLIGENT EQUIPMENT CO., LTD.

SANY Industrial Park, Liliu Road, Caozhuang Village, Nankou Town, Changping District, Beijing, China  
SANY Industrial Park, Xingsha, Changsha City, China  
Tel.: 010-60766720 0731-84031220  
Web: [www.sanygroup.com](http://www.sanygroup.com)

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