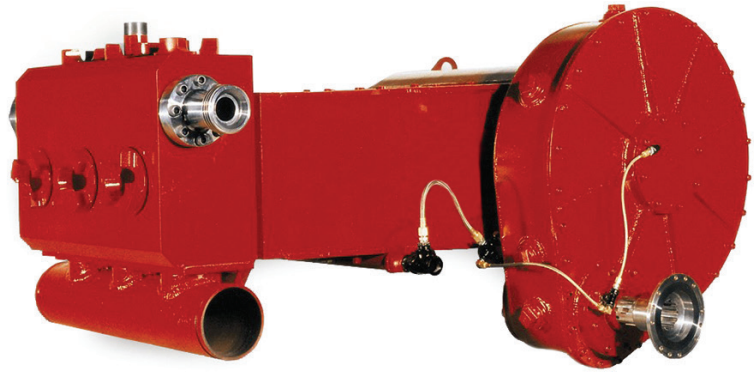


WS-600 Triplex Well Service Pump



Our MISSION™ well servicing pumps reduce downtime and cost by providing the highest customer support, quality, and easy-to-maintain products in the oil and gas industry. We provide a full range of expendables and quality replacement fluid ends for popular industry well service pumps, as well as our durable pump models.

The WS-600 pump is a proven design that offers great versatility to handle many well service applications and is a great option for single pump skid or trailer packages. It utilizes a pony rod (push rod) and plunger combination, which means that at no time will any chemicals that are being pumped through the fluid end be introduced into the power end, reducing the chances of cross contamination. With a 100,000-lb rod load rating and weighing 5,000 lb, this pump offers dependability to handle any application.

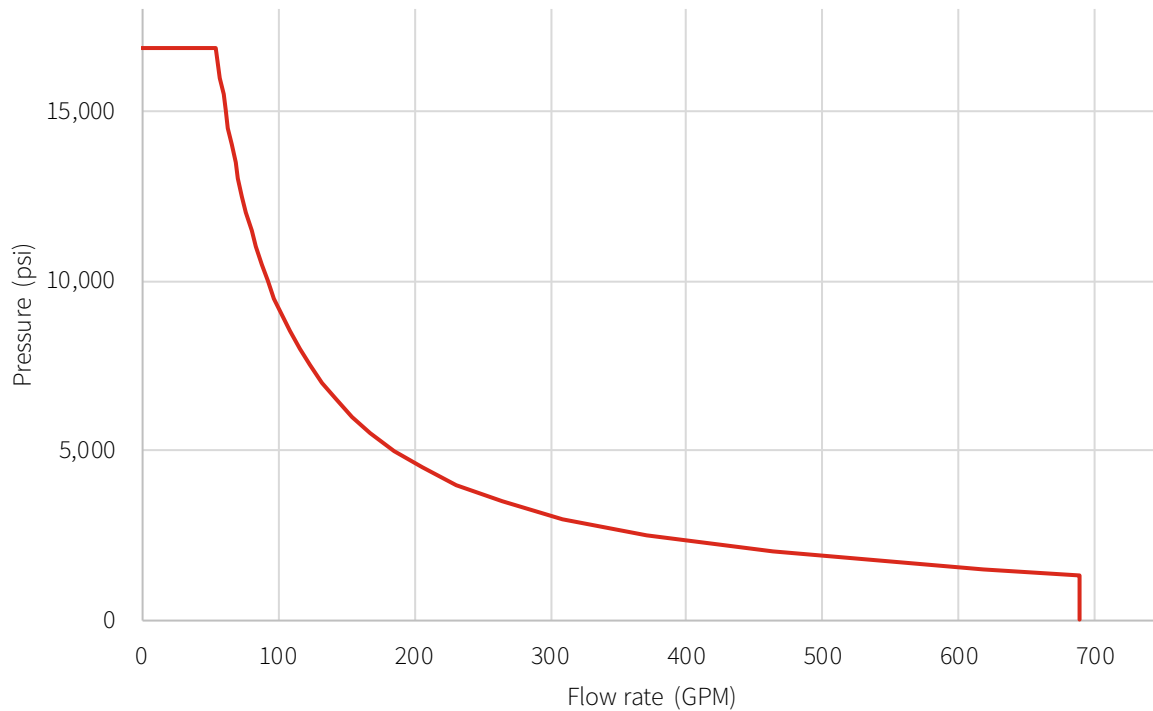
Applications

- Coiled-tubing support
- Cementing
- Well acidizing
- Gravel packing
- Snubbing operations

Features and benefits

- Optional air/hydraulic external packing lubricator
- Ability to visually inspect for leaks on external power end lubrication
- Specifically designed to be mobile
- Replaceable crosshead guides
- Has also been used in municipal sewer cleaning applications, water blast or hydrostatic testing applications
- Spring-loaded splash guard for increased wiper seal life

WS-600 Hydraulic Horsepower



NOTE: Volumetric rate is based on 100% volumetric efficiency. Brake horsepower/kilowatts required are based on 90% mechanical efficiency. These ratings are for intermittent service. Pressure up to those shown may be utilized for a period not to exceed a total of 8 hours in 24 hours.

WS-600 Plunger Pump Specifications: 6-in. Stroke

Plunger diameter in. (mm)	Displacement per revolution GPR (LPR)	Displacement at pump									
		50 RPM		100 RPM		200 RPM		300 RPM		400 RPM	
		GPM (LPM)	psi (kPa)	GPM (LPM)	psi (kPa)	GPM (LPM)	psi (kPa)	GPM (LPM)	psi (kPa)	GPM (LPM)	psi (kPa)
5.00 (127.00)	1.53 (5.792)	76 (290)	5,093 (35,115)	153 (579)	5,093 (35,115)	306 (1,158)	3,025 (20,855)	459 (1,737)	2,016 (13,903)	688 (2,606)	1,344 (9,269)
4.50 (114)	1.239 (4.691)	62 (235)	6,288 (43,352)	124 (469)	6,288 (43,352)	248 (938)	3,734 (25,747)	372 (1,407)	2,489 (17,164)	558 (2,111)	1,660 (11,443)
4.00 (102)	0.979 (3.707)	49 (185)	7,958 (54,876)	98 (371)	7,958 (54,876)	196 (741)	4,726 (32,585)	294 (1,112)	3,151 (21,724)	441 (1,668)	2,100 (14,482)
3.50 (89)	0.75 (2.838)	37 (142)	10,394 (71,663)	75 (284)	10,394 (71,663)	150 (568)	6,173 (42,561)	225 (851)	4,115 (28,374)	337 (1,277)	2,744 (18,916)
3.00 (76)	0.551 (2.085)	28 (104)	14,147 (97,541)	55 (208)	14,147 (97,541)	110 (417)	8,402 (57,930)	165 (625)	5,601 (38,620)	248 (938)	3,734 (25,747)
2.75 (70)	0.463 (1.752)	23 (88)	16,836 (116,082)	46 (175)	16,836 (116,082)	93 (350)	9,999 (68,941)	139 (526)	6,666 (45,961)	208 (788)	4,444 (30,641)
Brake required: HP (kW)		253 (188)		505 (377)		600 (447)		600 (447)		600 (447)	
Pinion shaft speed		234		468		936		1,404		2,106	