

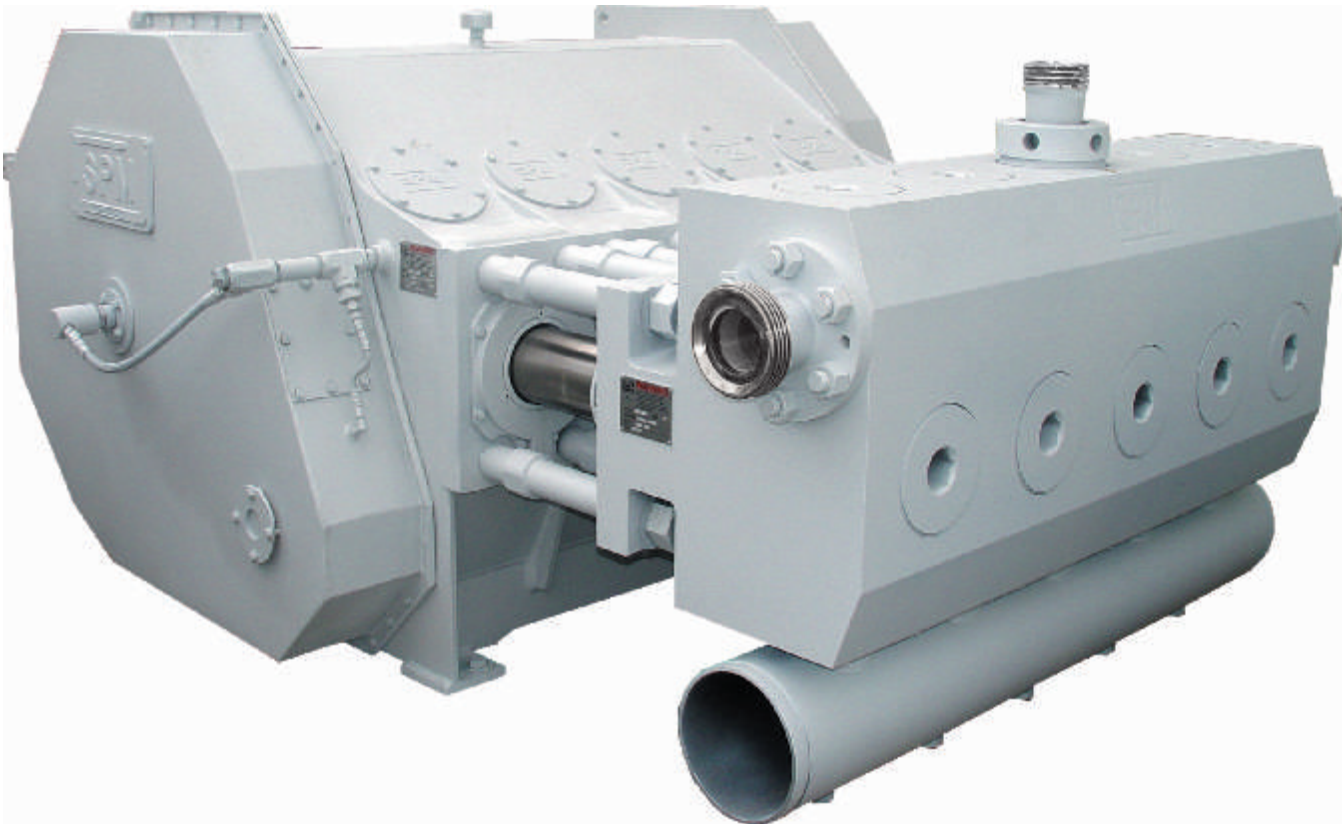


QWS 2500 Classic Well Service Pump

The QWS 2500 Classic is a durable quintuplex plunger pump that offers powerful flow rate capabilities in a field proven design.

The QWS 2500 Classic is a field-proven pump to be utilized in fracturing operations. As a cost effective alternative to the QWS 2500SD, the Classic model offers similar flow rate capabilities for operators not operating in harsh pumping conditions.

The versatile QWS 2500 Classic can be customized with a variety of options chosen by the customer to outfit the pump for various pumping conditions and operations.



QWS 2500 Classic Performance Specs

Max Brake Horsepower: 2,500 BHP (1,866 Kw)
 Max Rod Load Capacity: 192,325 lb (87,239 kg)
 Stroke Length: 8 Inches (203.2 mm)
 Gear Ratio: 6.353:1

Approx. Length: 84.75 Inches (2,153 mm)
 Approx. Width: 73.875 Inches (1,877 mm)
 Approx. Height: 43.375 Inches (1,102 mm)
 Approx. Weight (Dry): 15,180 lb (6,885 kg)

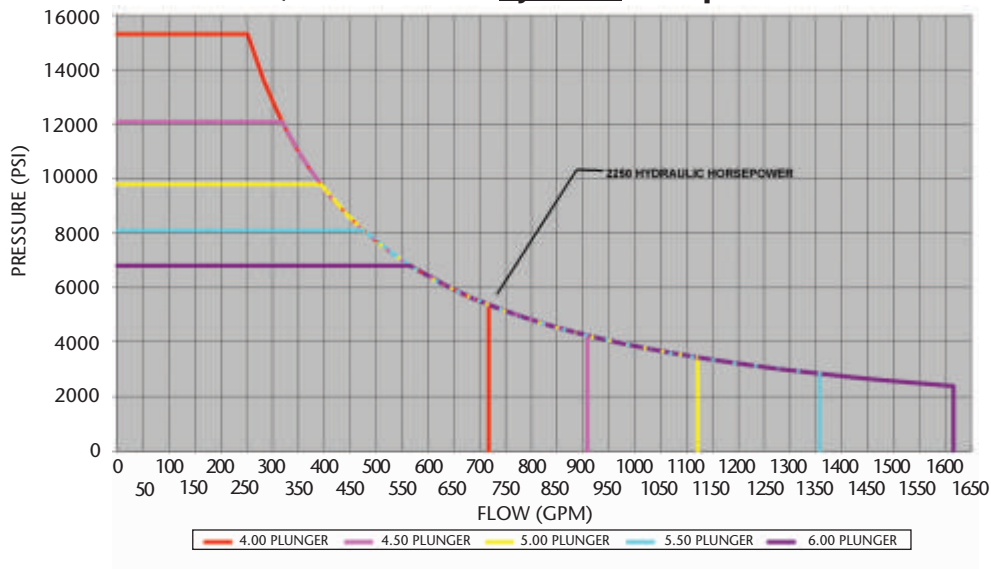
QWS 2500 Classic Performance Data ^{1, 2}

PLUNGER DIAMETER	OUTPUT PER REV	DISPLACEMENT AT PUMP STROKES PER MINUTE / PINION RPM									
		111 / 705		150 / 953		200 / 1271		250 / 1588		330 / 2100	
in (mm)	gal/rev (liter/rev)	gpm (lpm)	psi (kg/cm ²)	gpm (lpm)	psi (kg/cm ²)	gpm (lpm)	psi (kg/cm ²)	gpm (lpm)	psi (kg/cm ²)	gpm (lpm)	psi (kg/cm ²)
3½ (88.9)	1.67 (6.3)	185 (700)	20,000 (1406)	251 (950)	15,365 (1083)	334 (1264)	11,546 (814)	418 (1582)	9,226 (650)	551 (2086)	6,999 (493)
3¾ (95.3)	1.91 (7.2)	212 (802)	17,420 (1255)	287 (1086)	13,437 (947)	382 (1446)	10,096 (711)	478 (1809)	8,068 (569)	630 (2385)	6,121 (431)
4 (101.6)	2.17 (8.2)	241 (912)	15,315 (1077)	326 (1234)	11,830 (834)	434 (1643)	8,886 (626)	543 (2055)	7,102 (500)	716 (2710)	5,386 (380)
4½ (114.3)	2.75 (10.4)	305 (1154)	12,100 (851)	413 (1563)	9,338 (658)	550 (2082)	7,012 (494)	688 (2604)	5,605 (395)	908 (3437)	4,247 (299)
5 (127.0)	3.40 (12.9)	377 (1427)	9,800 (689)	510 (1930)	7,562 (533)	680 (2574)	5,671 (400)	850 (3217)	4,537 (320)	1,122 (4247)	3,437 (242)
5½ (139.7)	4.11 (15.6)	456 (1726)	8,100 (569)	617 (2335)	6,250 (440)	822 (3111)	4,692 (331)	1,028 (3891)	3,751 (264)	1,356 (5132)	2,844 (200)
5¾ (146.1)	4.49 (17.0)	498 (1885)	7,410 (521)	674 (2551)	5,722 (403)	898 (3399)	4,295 (303)	1,123 (4251)	3,434 (242)	1,482 (5609)	2,602 (183)
6 (152.4)	4.89 (18.5)	543 (2055)	6,805 (478)	734 (2778)	5,254 (370)	978 (3702)	3,943 (278)	1,223 (4629)	3,153 (222)	1,619 (6109)	2,382 (168)
6½ (165.1)	5.74 (21.7)	637 (2411)	5,800 (408)	861 (3259)	4,479 (316)	1,148 (4345)	3,359 (237)	1,435 (5431)	2,687 (189)	1,894 (7169)	2,036 (143)
INPUT POWER: BHP (Kw)		2400 (1790)		2500 (1866)		2500 (1866)		2500 (1866)		2500 (1866)	

1 Based on 90% ME and 100% VE - Intermittent Service Only.

2 Pumps with pressures in excess of 15,000 psi require special gauge and discharge flanges. Contact Weir SPM Engineering for information.

QWS 2500 Classic Hydraulic Horsepower Curve



Note: This chart shows this pump's performance at max hydraulic horsepower. Notice as the plunger size for the pump increases, a greater max flow rate is achieved while the max pressure decreases.

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