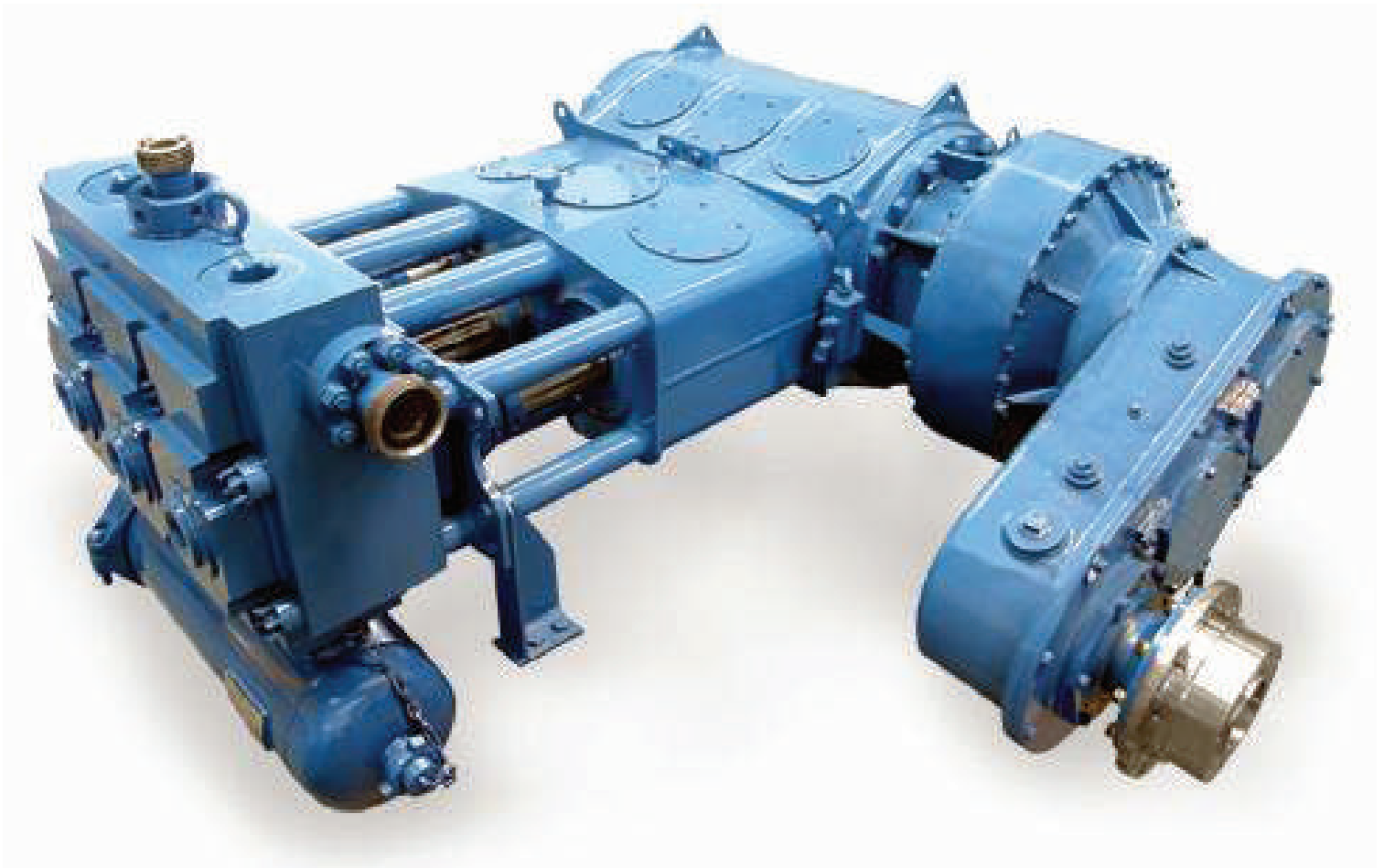




## **Destiny™ TWS 2500 Well Service Pump**

**The Destiny™ TWS 2500 is a new frac pump designed to better handle the extreme operating conditions seen in unconventional oil & gas formations. The pump offers a higher rod load capacity of 273,000 lbs at a 2500 horsepower rating, compared to other triplex pump offerings in its class. An enhanced lubrication system was developed to increase life expectancy of moving components.**



### Destiny™ TWS 2500 Performance Specs

Max Brake Horsepower: 2,500 BHP (1,864 Kw)  
 Max Rod Load Capacity: 273,000 LBS (111,934 kg)  
 Stroke Length: 10 Inches (254 mm)  
 Gear Ratio: 6.375:1

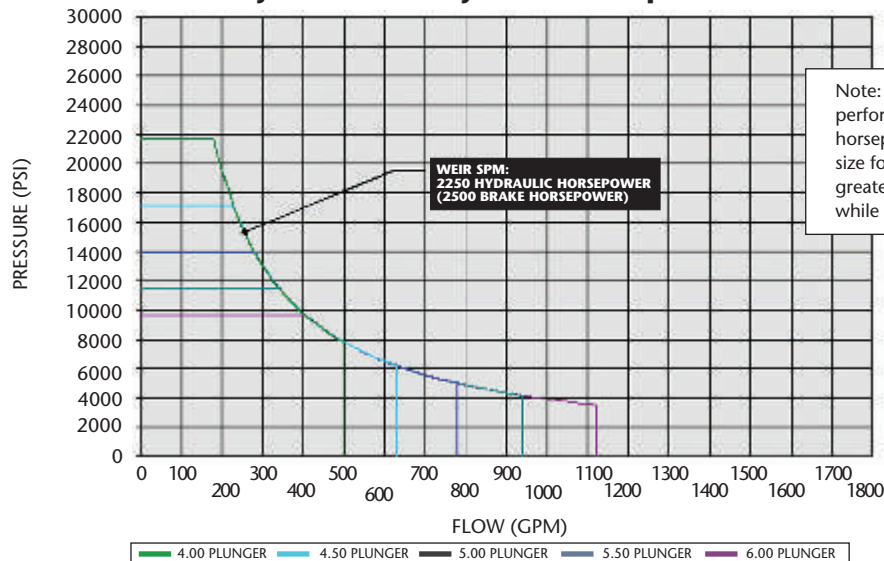
Length: 90 Inches (2,286 mm)  
 Width: 86 Inches (2,184 mm)  
 Height: 38 Inches (965.2 mm)  
 Weight Dry (Approx): 14,450 LBS (6,577 kg)

### Destiny™ TWS 2500 Performance Data <sup>1, 2</sup>

PLUNGER DIAMETER IN (MM)	DISPLACE. PER REV gal/rev (liter/rev)	DISPLACEMENT AT PUMP STROKES PER MINUTE/PINION RPM																							
		50		319		75		478		110		701		150		956		250		1594		305		1944	
		gpm (lpm)	psi (kg/sq cm)	gpm (lpm)	psi (kg/sq cm)	gpm (lpm)	psi (kg/sq cm)	gpm (lpm)	psi (kg/sq cm)	gpm (lpm)	psi (kg/sq cm)	gpm (lpm)	psi (kg/sq cm)	gpm (lpm)	psi (kg/sq cm)	gpm (lpm)	psi (kg/sq cm)	gpm (lpm)	psi (kg/sq cm)	gpm (lpm)	psi (kg/sq cm)	gpm (lpm)	psi (kg/sq cm)		
3½ (88.9)	1.25 (4.7)	62 (236)	28375 (2000)	94 (355)	28375 (2000)	137 (520)	28375 (2000)	187 (709)	20805 (1466)	312 (1182)	12483 (880)	381 (1442)	10232 (721)												
3¾ (95.3)	1.43 (5.4)	72 (271)	24718 (1742)	108 (407)	24718 (1742)	158 (597)	21725 (1531)	215 (814)	18123 (1277)	359 (1357)	10874 (766)	437 (1656)	8913 (628)												
4 (101.6)	1.63 (6.2)	82 (309)	21725 (1531)	122 (463)	21725 (1531)	179 (679)	21725 (1531)	245 (927)	15929 (1123)	408 (1544)	9557 (674)	498 (1884)	7834 (552)												
4½ (114.3)	2.07 (7.8)	103 (391)	17165 (1210)	155 (586)	17165 (1210)	227 (860)	17165 (1210)	310 (1173)	12586 (887)	516 (1954)	7551 (532)	630 (2384)	6190 (436)												
5 (127.0)	2.55 (9.7)	127 (483)	13904 (980)	191 (724)	13904 (980)	280 (1061)	13904 (980)	382 (1448)	10194 (718)	637 (2413)	6117 (431)	778 (2944)	5014 (353)												
5½ (139.7)	3.09 (11.7)	154 (584)	11491 (810)	231 (876)	11491 (810)	339 (1284)	11491 (810)	463 (1752)	8425 (594)	771 (2920)	5055 (356)	941 (3562)	4144 (292)												
5¾ (146.1)	3.37 (12.8)	169 (638)	10513 (741)	253 (957)	10513 (741)	371 (1404)	10513 (741)	506 (1915)	7708 (543)	843 (3191)	4625 (326)	1029 (3893)	3791 (267)												
6 (152.4)	3.67 (13.9)	184 (695)	9655 (680)	275 (1042)	9655 (680)	404 (1528)	9655 (680)	551 (2085)	7079 (499)	918 (3475)	4248 (299)	1120 (4239)	3482 (245)												
6½ (165.1)	4.31 (16.3)	215 (816)	8227 (580)	323 (1223)	8227 (580)	474 (1794)	8227 (580)	646 (2447)	6032 (425)	1077 (4078)	3619 (255)	1314 (4975)	2967 (209)												
6¾ (171.5)	4.65 (17.6)	232 (880)	7629 (538)	349 (1319)	7629 (538)	511 (1934)	7629 (538)	697 (2639)	5594 (394)	1162 (4398)	3356 (237)	1417 (5365)	2751 (194)												
7 (177.8)	5.00 (18.9)	250 (946)	7094 (500)	375 (1419)	7094 (500)	550 (2080)	7094 (500)	750 (2838)	5201 (367)	1249 (4729)	3121 (220)	1524 (5770)	2558 (180)												
7½ (190.5)	5.74 (21.7)	287 (1086)	6179 (435)	430 (1629)	6179 (435)	631 (2388)	6179 (435)	861 (3257)	4531 (319)	1434 (5429)	2719 (192)	1750 (6624)	2228 (157)												
INPUT POWER: BHP (Kw)		<b>1137</b> (848)		<b>1705</b> (1272)		<b>2500</b> (1865)		<b>2500</b> (1866)		<b>2500</b> (1866)		<b>2500</b> (1866)													

1 Based on 90% ME and 100% VE - Intermittent Service Only. 2 For applications demanding pressures over 15,000 psi, contact Weir SPM Engineering.

### Destiny™ TWS 2500 Hydraulic Horsepower Curve



**Weir SPM**

7601 Wyatt Drive  
 Fort Worth  
 TX 76108  
 USA

Tel: (817) 246 2461  
 Fax (817) 246 6324

www.weiroilandgas.com

