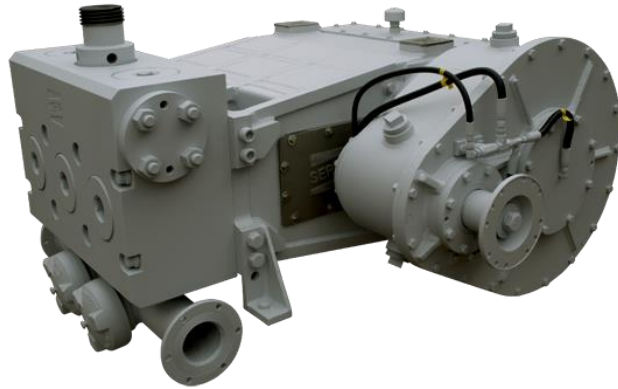


High Pressure Pumping System

Triplex Pump (Amercan SERVA PUMP)

Serva TPB600 triplex pumps are good for high-pressure well service. Each pump is equipped with an integral gear reduction box. The triplex pumps are designed to pump cement slurries, sand-laden fluids, crude oil, acids, mud and other oil well servicing fluids. The pumps have the following specifications.



Model TPB600

Power End

Type	- Single acting Triplex
Configuration	- Horizontal in line
Stroke	- 6" (152.4 mm)
Maximum Rod Load	- 100,000 lb (45,360 kg)
Maximum input Horse Power	- 600 BHP (447 Kw)

Fluid End

Plunger Size	Max Pressure psi (MPa)	Max Flow Gal/min(L/min)
3" (76.2)	14,140 (99.7)	248 (938)
3 1/2" (88.9)	10,400 (73.1)	337 (1277)
4" (101.6)	7,950 (56)	441 (1670)
4 1/2" (114.3)	6,290 (44.2)	558 (2111)

Gear Box

Ratio	- 4.61:1
Maximum input RPM	- 2100 RPM
Rated Horse Power	- 600 HP
Coupling	- Spicer 1800 series drive flange

Weight

With Gear Box (Approx)	- 4,600 lbs (2086 kg)
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Serva TPB 600 w/ 88.9 mm (3.5 in) Dia plunger

GEAR	m ³ /min (gpm)	Psi
1	.168(45)	10,400

2	.364 (97)	6,714
3	.669 (179)	3,638
4	.893 (239)	2,222
5	1.30 (350)	1,861

Serva TPB 600 w/ 114.3 mm (4.5 in) Dia plunger

GEAR	m ³ /min (gpm)	Psi
1	.282 (74)	6,290
2	.611 (161)	4,045
3	1.12 (296)	2,200
4	1.50 (396)	1,645
5	2.19 (579)	1,125

***The data above is based on estimated hydraulic horsepower of 380 hp.**