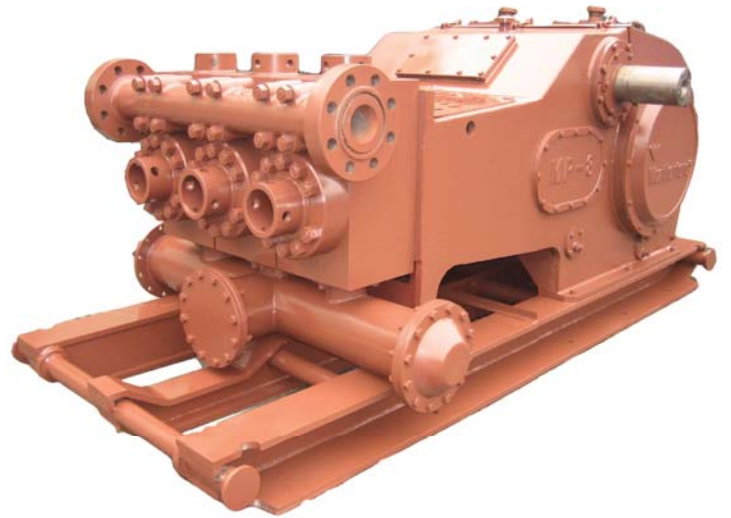


MP8 (800 HP) Triplex Pump

Weatherford's MP-series Model MP8 pump delivers outstanding value for land-based pumping in the 800-HP, continuous-duty-rated segment. MP-series pumps are based on pump designs proven in countless surface pumping and drilling rig pumping applications to ensure durability and easy access to service parts around the world.



Pump Specifications

Rated power (HP, kW)	800	597
Maximum pump speed (spm)	150	
Stroke length (in., mm)	9.00	228.6
Maximum piston size (in., mm)	6.75	171.4
Maximum rated pressure (psi, MPa)	5,000	34.5
Fluid-end style	F 1000	
Valve style	API-6	
Suction connections	10" flanged (3)	
Discharge connections	5 1/8" API-5000 (2)	
Internal gear ratio	4.185:1	
Crankcase oil capacity (gal, l)	65	246
Input shaft diameter (in., mm)	7.00	177.8
Dry weight (lb, kg)	32,900	14,923

Features

- Fabricated steel power-frame construction
- Full roller-bearing construction
- Double-helical gear sets
- Pressurized lubrication system with internally mounted lube pump
- Valve-over-valve, fluid-end modules, rated at 5,000 psi (34.5 MPa)
- 12-month limited warranty

MP8 (800 HP) Triplex Pump

Performance Ratings

Model MP8 (standard)		Input power (hp)	Output (GPM)					
Piston size (in.)	Rated pressure (psi)	Gallons per revolution	150 spm 793 hp	140 spm 740 hp	130 spm 687 hp	120 spm 634 hp	110spm 582 hp	100 spm 529 hp
6.750	1,950	4.183	627	586	544	502	460	418
6.000	2,450	3.305	496	463	430	397	364	330
5.500	2,950	2.777	417	389	361	333	305	278
5.000	3,550	2.295	344	321	298	275	252	229
4.500	4,400	1.859	279	260	242	223	204	186
4.000	5,000	1.469	220	206	191	176	162	147

Model MP8 (metric)		Input power (kW)	Output (m ³ /hr)					
Piston size (in.)	Rated pressure (MPa)	Litres per revolution	150 spm 592 kW	140 spm 552 kW	130 spm 513 kW	120 spm 473 kW	110 spm 434 kW	100 spm 394 kW
6.750	13.4	15.834	142.4	133.1	123.6	114.0	104.5	94.9
6.000	16.9	12.511	112.7	105.2	97.7	90.2	82.7	75.0
5.500	20.3	10.512	94.7	88.4	82.0	75.6	69.3	63.1
5.000	24.5	8.688	78.1	72.9	67.7	62.5	57.2	52.0
4.500	30.3	7.037	63.4	59.1	55.0	50.6	46.3	42.2
4.000	34.5	5.561	50.0	46.8	43.4	40.0	36.8	33.4

* Input power required assumes 90% mechanical efficiency.