



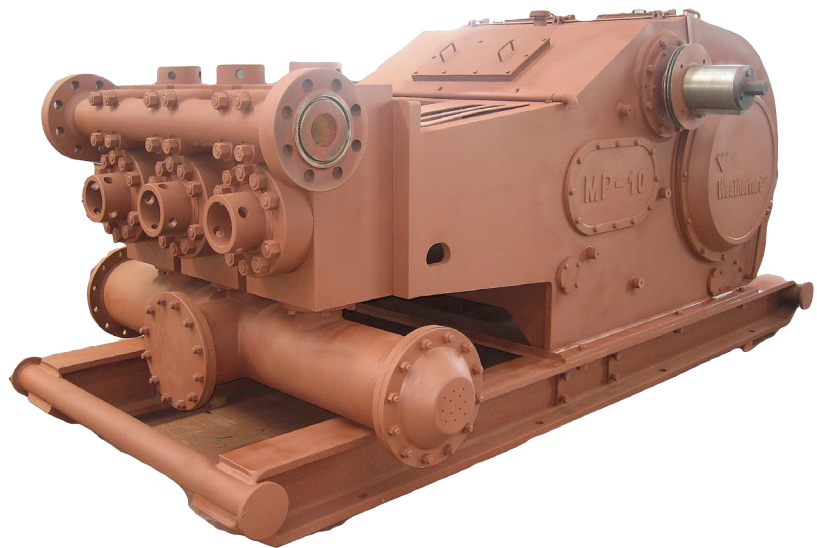
MP-Series Mud Pump

Model MP10

Weatherford's MP-series Model MP10 pump delivers outstanding value for land-based drilling applications in the 1,000-HP, continuous-duty-rated segment. MP-series mud pumps are based on pump designs proven in countless rigs to ensure durability and easy access to service parts around the world.

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





MP-Series Mud Pump Model MP10

Specifications

Performance Ratings

MP10		Pump speed (spm)	140	135	130	120	110	100
		Input power (HP/kW)*	970 724	935 698	901 672	832 620	762 569	693 517
Piston size (in.)	Rated pressure (psi/MPa)	Displacement (gal/rev)	Output (gal/min, bbl/min)					
6.75	2,300 15.9	4.647	651 15.5	627 14.9	604 14.4	558 13.3	511 12.2	465 11.1
6.50	2,500 17.2	4.309	603 14.4	582 13.9	560 13.3	517 12.3	474 11.3	431 10.3
6.00	2,925 20.2	3.672	514 12.2	496 11.8	477 11.4	441 10.5	404 9.6	367 8.7
5.50	3,500 24.1	3.085	432 10.3	417 9.9	401 9.6	370 8.8	339 8.1	309 7.3
5.00	4,225 29.1	2.550	357 8.5	344 8.2	331 7.9	306 7.3	280 6.7	255 6.1
4.50	5,000 34.5	2.065	289 6.9	279 6.6	269 6.4	248 5.9	227 5.4	207 4.9

* Input power required assumes 90% mechanical efficiency.

Specifications

Rated power (HP/kW)	1,000 746
Maximum pump speed (spm)	140
Stroke length (in./mm)	10 254
Maximum piston size (in./mm)	6.75 171.5
Maximum rated pressure (psi/MPa)	5,000 34.5
Fluid-end style	F1000
Valve size	API-6
Suction connections	10-in. flanged (3)
Discharge connections	5 1/8-in. API-5000 (2)
Internal gear ratio	4.207:1
Crankcase oil capacity (gal/L)	75 283.9
Input shaft diameter (in./mm)	7.75 196.9
Dry weight (lb/kg)	35,500 16,117

Additional Support

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