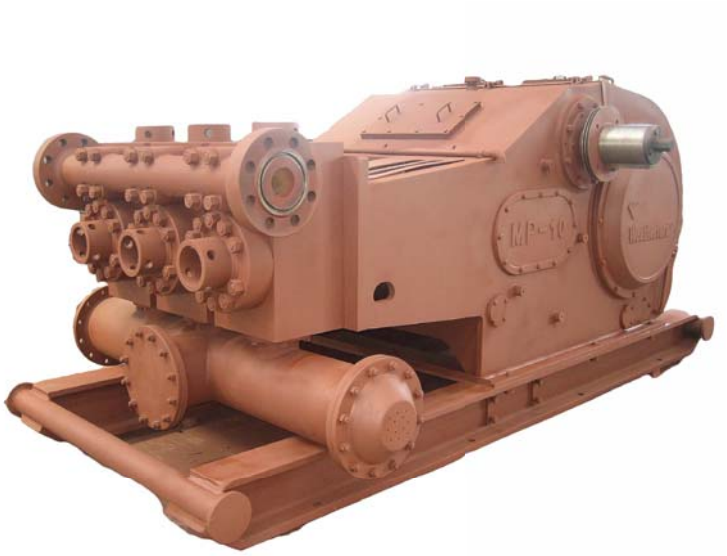
CanDyne Inc

Weatherford®

MP10 (1000 HP) Triplex Pump

Weatherford's MP-series Model MP10 pump delivers outstanding value for land-based pumping application in the 1000-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*)	1,000	*746*
Maximum pump speed (spm)	140	
Stroke length (in., *mm*)	10.00	*254.0*
Maximum piston size (in., *mm*)	6.75	*171.4*
Maximum rated pressure (psi, *MPa*)	5,000	*34.5*
Fluid-end style	F1000	
Valve style	API-6	
Suction connections	10" flanged (3)	
Discharge connections	5 1/8" 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*

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

www.candyne.com
Phone: 403.692.3000 | Toll Free: 1.800.831.3001

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Performance Ratings

Model MP10 (standard)		Input power (hp)	Output (GPM)					
Piston size (in.)	Rated pressure (psi)	Gallons per revolution	140 spm 970 hp	135 spm 935 hp	130 spm 901 hp	120 spm 832 hp	110 spm 762 hp	100 spm 693 hp
6.750	2,300	4.647	651	627	604	558	511	465
6.500	2,500	4.309	603	582	560	517	474	431
6.000	2,925	3.672	514	496	477	441	404	367
5.500	3,500	3.085	432	417	401	370	339	309
5.000	4,225	2.550	357	344	331	306	280	255
4.500	5,000	2.065	289	279	269	248	227	207

Model MP10 (metric)		Input power (kW)	Output (m^3/hr)					
Piston size (in.)	Rated pressure (MPa)	Litres per revolution	140 spm 724 kW	135 spm 698 kW	130 spm 672 kW	120 spm 620 kW	110 spm 569 kW	100 spm 517 kW
6.750	15.9	17.591	147.8	142.4	137.2	126.7	116.1	105.6
6.500	17.2	16.311	137.0	132.2	127.2	117.4	107.7	97.9
6.000	20.2	13.900	116.7	112.6	108.3	100.2	91.8	83.4
5.500	24.1	11.678	98.1	94.7	91.1	84.0	77.0	70.2
5.000	29.1	9.653	81.1	78.1	75.2	69.5	63.6	57.9
4.500	34.5	7.817	65.6	63.4	61.1	56.3	51.6	47.0

* Input power required assumes 90% mechanical efficiency.

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