



## Pump Types



**6" Double Diaphragm**

**6" Centrifugal**

**8" Rotary Lobe**

**6" Piston**

	6" Double Diaphragm	6" Centrifugal	8" Rotary Lobe	6" Piston
<b>MOBILITY/PORTABILITY</b>				
PORTABILITY or SKID	PORTABLE or SKID	PORTABLE or SKID	SKID	SKID
Weight	2980 Lbs.	3900 Lbs.	4500 Lbs.	4377 Lbs.
<b>DEWATERING APPLICATIONS</b>				
Wellpointing	YES	YES	YES	YES
Sock Drain	YES	YES	YES	YES
Low Flow Bypassing	YES	YES	NO	NO
Sump Pumping	YES	YES	NO	NO
Open Pond	YES	YES	NO	NO
Rim Ditching	YES	YES	NO	NO
<b>OPERATIONS</b>				
User Friendly	YES	MODERATE	MODERATE	YES
Operator Knowledge	LOW	MEDIUM	MEDIUM	LOW
<b>MAINTENANCE</b>				
Ease of Routine Maintenance	LOW SKILL	HIGH SKILLED	HIGH SKILLED	MODERATELY SKILLED
Field Service (Pumpend)	YES	NO	NO	NO
Cost of Replacement Parts	LOW	MODERATE	HIGH	MODERATE
Complexity of Pump Parts	SIMPLE	COMPLEX	COMPLEX	MODERATLY COMPLEX
<b>FUNCTIONALITY</b>				
Noise @ 28'	QUIET (64 dBA)	QUIET (64 dBA)	QUIET (63 dBA)	QUIET (52 dBA)
Vacuum Pressure	MODERATE	HIGH	HIGH	MODERATE
Fuel Economy (GPH)	EXCELLENT (0.33 GPH @ 1800 rpm)	GOOD (0.75 GPH @ 1200 rpm)	GOOD (0.48 GPH @ 1200 rpm)	EXCELLENT (0.33 GPH @ 1800 rpm)
Solid Handling	YES (up to 4" solids)	SEMI-SOLID	NO	NO
Head Pressure	LOW	GOOD	GOOD	LOW
Flow	550 GPM	1650 GPM	1300 GPM	400 GPM
Drawdown	SLOWER	MEDIUM	FASTER	SLOWER
Run Dry	YES	YES (only for a few hours)	NO	NO

For more information, please contact Charlie Barbour at [Charlie@msp-pumps.com](mailto:Charlie@msp-pumps.com) or 904-903-1090