

M Range Mini Pumps

For light industrial applications

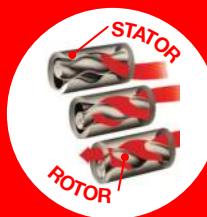
Features and Benefits

Compact design

A single rotor, universal drive coupling enables this pump range to be small in size, whilst the robust construction ensures reliable service.

Pumping principle

The key to this pumping principle is the moving part, known as the rotor and the fixed part, the stator, inside which the rotor rotates. A progressive cavity is formed which progresses pumped liquid towards the discharge end of the pump as the rotor rotates.



Reliable performance

The Mono M range can satisfy a range of demanding duties, including viscous liquids and random solids. It features an abrasion and chemical resistant stator, a precision-engineered stainless steel rotor, a mechanically sealed drive shaft and a close-grained cast iron pump housing.

Smooth, silent running

The pump's smooth action and resilient rubber stator ensure quiet running - a very desirable feature for domestic installations.

Positive pumping action

The progressing cavity principle, as explained above, ensures steady output pressure and non pulsing flow. This is vital in some applications such as pumping heating oil to burner nozzles.

Self-priming

The M Range pumps are fully self priming and can achieve suction lifts up to 26ft (8m). This allows for accessible mounting, well clear of liquid levels.

Authorised Distributor



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Performance Data

Pump	r.p.m.	0 bar		1.4 bar		2.4 bar		2.75 bar		3.45 bar		Weight kg
		0lb/in ²		20lb/in ²		35lb/in ²		40lb/in ²		50lb/in ²		
		l/h	gal/h	l/h	gal/h	l/h	gal/h	l/h	gal/h	l/h	gal/h	
MS	1450	750	165	500	110	409	90	386	85	318	68	15
MM	1450	1590	350	1250	275	1050	231	1000	220	900	198	17
ML	2850	3130	690	2470	543	2040	450	1890	416	1590	350	18

Drive Motor Details

MS	0.18kW Single/Three Phase	110/230/380/415V 50 Hz
MM	0.37kW Single/Three Phase	110/230/415V 50 Hz
ML	0.55kW Three Phase	415V 50 Hz
ML	0.75kW Single Phase	230V 50 Hz

*All motors supplied with IP55 enclosure as standard, with others available

Suction Lifts

Pump	m	ft
MS	8	26
MM	7.5	25
ML	5.5	17.5

Capacity up to 3,130 l/h

Pressure up to 3.45 bar

Temperature up to 70°C

Typical Applications

- Cellar drainage
- Septic tank/cess pit emptying
- Water supply/sampling from wells, streams and rivers
- Garden sprinkler systems/irrigation
- Diesel
- Water based inks
- Vegetable oils
- Non-aggressive chemicals
- Oil/Water pressure sets