

PolyBlend® M-Lo Series Polymer Feed System

Product Sheet

SIEMENS

The PolyBlend® M-Lo Series polymer feed system offers all of the benefits of the best available polymer preparation technology at a new competitive price. The ready-to-install system provides consistent and accurate dosage and improves polymer efficiency.

The PolyBlend® M-Lo is engineered for easy installation and maintenance. The compact size of the feeder allows trouble-free installation in confined spaces and the open-frame design facilitates easy component access.

The REM-1E controller is included to provide speed control for the neat polymer pump. The easy to read LCD display indicates strokes per minute (SPM) or strokes per hour (SPH). The microprocessor-based controller is housed in a NEMA 4X enclosure.

The PolyBlend® M-Lo Series polymer feed system is available in several models. The versatility of the PolyBlend® M-Lo provides a choice of systems covering a wide range of dosage rates. Multiple configurations offer the flexibility for most polymer feed applications.

Specifications

Power	115VAC / 60 Hz / 1 Phase / 10A
Dimensions	27"W (685.8mm) x 26 1/2" H (673.1mm) x 9" D (228.6mm)
Polymer Pump	Electronic Metering
Material	304 SS Frame / PVC
Controls	Microprocessor-based REM-1E
Connections	Water In: 1/2" (F)NPT (12.7mm) Discharge: 3/4" (F)NPT (19.05mm) Polymer: 1/2" (F)NPT (12.7mm)

Benefits of the PolyBlend® M-Lo Series:

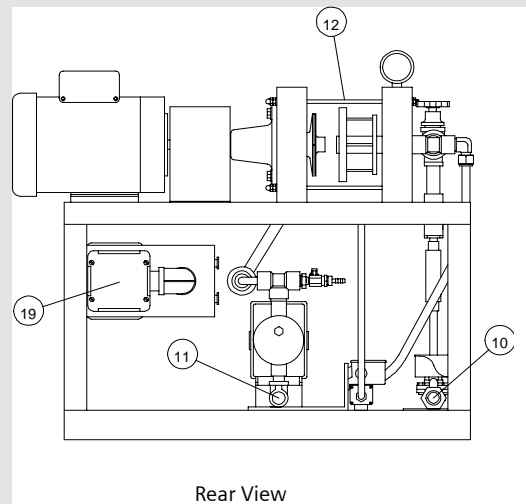
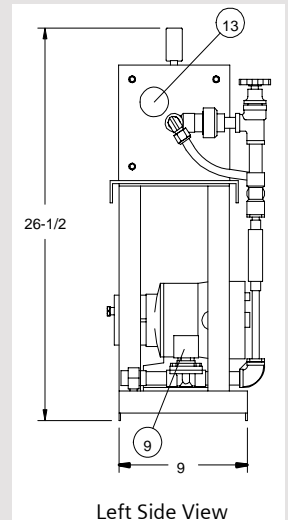
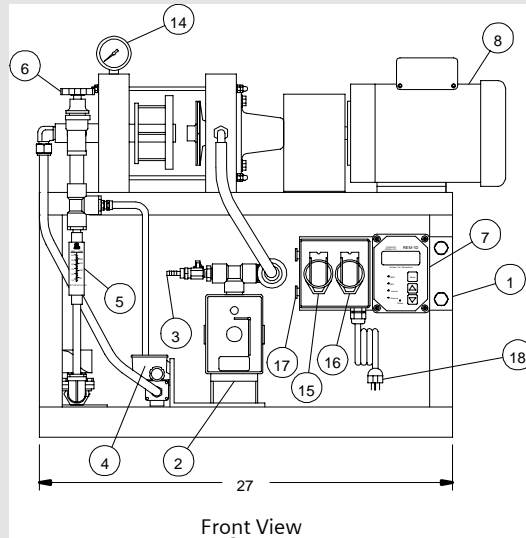
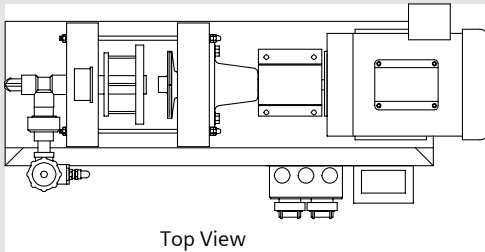
- Improved Polymer Efficiency
- Easy Installation & Maintenance
- Rugged & Reliable Design
- Direct Drive Mix Chamber
- Pump Interchangeability
- Simple Electronic Controls
- Competitive Price



Model Selection

Model	Pump Output GPH / LPH	Flowmeter Range GPH / LPH	Polymer Connection	Water Connection	Discharge
M20-0.4	0.4 (1.5)	3 - 22 (11.4 - 83.3)	1/2" (F)NPT (12.7mm)	1/2" (F)NPT (12.7mm)	3/4" (F)NPT (19.1mm)
M20-1	1.0 (3.8)	3 - 22 (11.4 - 83.3)	1/2" (F)NPT (12.7mm)	1/2" (F)NPT (12.7mm)	3/4" (F)NPT (19.1mm)
M60-0.4	0.4 (1.5)	6 - 60 (22.8 - 227.1)	1/2" (F)NPT(12.7mm)	1/2" (F)NPT (12.7mm)	3/4" (F)NPT (19.1mm)
M60-1	1.0 (3.8)	6 - 60 (22.8 - 227.1)	1/2" (F)NPT (12.7mm)	1/2" (F)NPT (12.7mm)	3/4" (F)NPT (19.1mm)
M120-0.4	0.4 (1.5)	12 - 120 (45.4 - 454.2)	1/2" (F)NPT (12.7mm)	1/2" (F)NPT (12.7mm)	3/4" (F)NPT (19.1mm)
M120-1	1.0 (3.8)	12 - 120 (45.4 - 454.2)	1/2" (F)NPT (12.7mm)	1/2" (F)NPT (12.7mm)	3/4" (F)NPT (19.1mm)
M120-2.5	2.5 (9.5)	12 - 120 (45.4 - 54.2)	1/2" (F)NPT (12.7mm)	1/2" (F)NPT (12.7mm)	3/4" (F)NPT (19.1mm)

General Layout



Key	Description
1	Base Assembly
2	Pump
3	Priming Port, (Pump)
4	Differential Pressure Switch
5	Flowmeter
6	Flow Control Valve
7	Digital Display Pump Controller, (REM-1E)
8	Motor
9	Solenoid Valve
10	Water Inlet
11	Polymer Inlet
12	Mix Chamber Assembly
13	Solution Discharge
14	Pressure Gauge
15	On/Off Main Power Switch
16	Mixer Motor Switch
17	Fuse, (Qty 2)
18	Power Cord
19	DP Switch Relay Box

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Literature No. ST-PBMLO-DS-0706
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