

The SNF FLOQUIP® Mannich Polymer Preparation Systems are designed for cost-effective and low-maintenance operations. SNF is the leading manufacturer of water-soluble polymers, with years of practical field experience in mannich polymer preparation. That experience is incorporated into every one of our designs.

The ML Series systems readily put mannich-grade polymers into solution for a variety of applications - all in simple and economical designs. Neat polymer is metered with a progressive cavity pump, through a specially-designed injection device for adding highly viscous mannich polymer into dilution water. The resulting solution is then ready to be sent to a polymer solution tank for further mixing and hydration. From there, the solution can be pumped and injected into the treatment process.

The ML Series offers 2 models (see reverse side), depending on dosage and process requirements. Additional options include: ratio control of neat polymer and incoming water flows, Allen-Bradley™ PLC and Panelview™ Touchscreen Operator Interface*, various mix tank configurations, and air compressor. Please contact your SNF Sales or FLOQUIP® representative to help determine the best solution for your needs.

*Allen-Bradley™ PLC and Panelview™ are registered trademarks of Rockwell Automation

The ML Series

Mannich Polymer Preparation Systems



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The ML Series

Mannich Polymer Preparation Systems

	MODEL ML40	MODEL ML100
Max. Neat Polymer Flow	4 gpm	10 gpm
Inlet Size	2.5 in.	2.5 in.
Max. Water Flow	40 gpm	100 gpm
Inlet Size	1.5 in.	1.5 in.
Max. Solution Flow	40 gpm	100 gpm
Outlet Size	2 in.	2 in.
Dimensions	48"L X 55"W X 64"H	48"L X 55"W X 64"H
Weight	821 lbs. (373 kg.)	821 lbs. (373 kg.)

STANDARD FEATURES

- Simple installation and operation
- Specially-designed mannich injection device
- Neat polymer and dilution water flowmeters for calibration
- Automatic rinse cycle
- Low-water flow protection
- Manual and automatic operation

UTILITY REQUIREMENTS

- 10 - 100 gpm (37 - 380 L/min.), 30 - 50 psi (2.0 - 3.5 bar) primary dilution water
- 480VAC/3 phase/30A/60 Hz power
- 80 psi (5.5 bar), 10 scfm instrument air required. On-board air compressor optional. Air connection is 0.25 in. FNPT