

# POLY-MATE® POLYMER SYSTEM

250



## LIQUID POLYMER MIXING AND INJECTION

The Poly-Mate is a batch type mixing unit that utilizes a mixing tank for polymer dilution and water blending. Neat liquid polymer is first manually inserted or automatically added to the mixing tank. An electric agitator is used for dispersing and blending the neat polymer with water. The dilute solution is then injected into the Mix Mate, included with the system, which rapidly and thoroughly mixes the solution with influent waste to produce uniformly flocculated sludge ready to be dewatered.

## MODELS

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**250** Polymer tank and agitator are separate from injection pump skid. Designed for low sludge flow rates up to 100 gpm.

**500** Polymer tank and agitator are separate from injection pump skid. Designed for sludge flow rates higher than 100 gpm.

**1000** All components are skid mounted, including the batch tank and agitator.

**2000** All components are skid mounted, including two agitated batch tanks. This model allows for the continuous delivery of dilute polymer.

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Dilute polymer injection rates range from .1 GPM to 40 GPM.

Standard tank sizes range from 30 gallon to dual 1,000 gallon tanks.

Higher injection rates and larger tank sizes are available on custom built units.

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