



Poly-Mate® Polymer System

Liquid Polymer Mixing and Injection

The Poly-Mate® Models 250 through Model 2000 are designed to be used with liquid polymer, which is manually or automatically added to the batch tank. An electric agitator is used for dispersing and blending the neat polymer with the water into a dilute solution which is then injected into the Mix Mate® manifold producing uniformly flocculated sludge ready to be dewatered.

250



500



1000



2000



MODELS

250 Tank with agitator separated from injection pump skid - for ease of place and low sludge flows.

500 Tank with agitator separated from injection pump skid for higher sludge flows.

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.

Injection Rates From .1 GPM to 40 GPM.

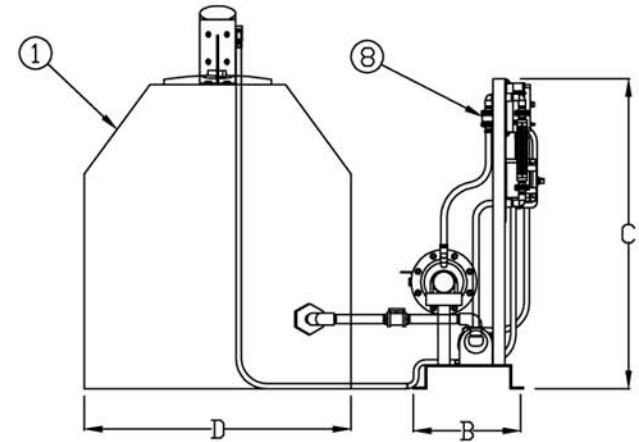
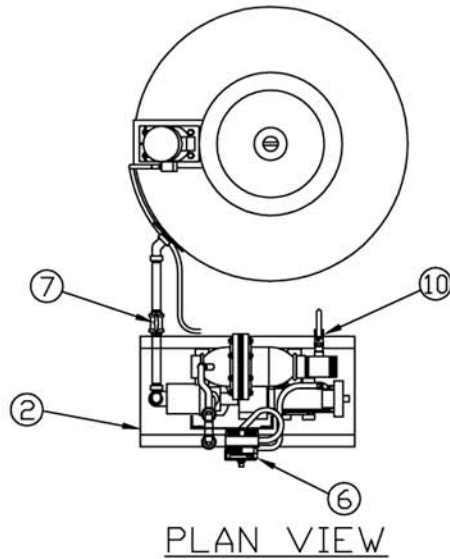
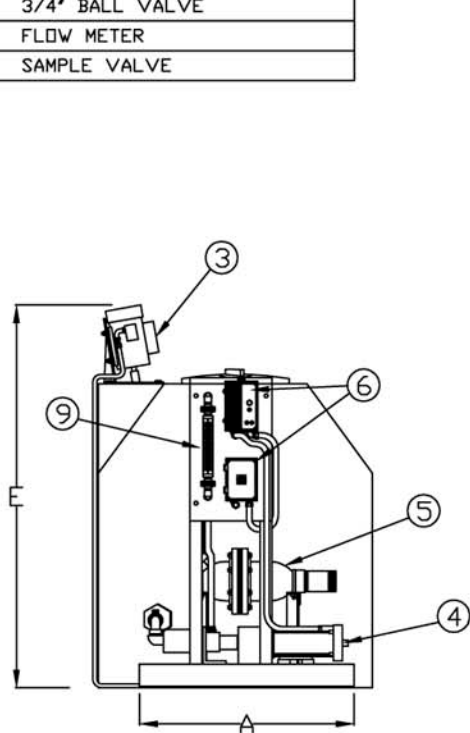
Standard Tank Sizes from Single 30 gallons to 1,000 gallons.

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

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ITEM	DESCRIPTION	POLYMER UNIT	A	B	C	D	E	TANK SIZE	(APPROX) DRY WT	(APPROX) WET WT
1	POLYMER TANK	PMS00A	36	20	52	46	64	305 GAL	450 LB	2339 LB
2	SKID	PMS00B	36	20	52	48	84	500 GAL	470 LB	3333 LB
3	AGITATOR	PMS00C	36	20	52	64	92	1000 GAL	515 LB	6178 LB

4	PROGRESSIVE CAVITY PUMP
5	MIXMATE MANIFOLD
6	CONTROL BOX
7	2" BALL VALVE
8	3/4" BALL VALVE
9	FLOW METER
10	SAMPLE VALVE



FRONT VIEW

APPROVED BY: _____
 APPROVED AS NOTED: _____
 DISAPPROVED BY: _____
 DATE: _____

		
707 LEHMAN		HOUSTON, TEXAS 77018
SCALE:		DRAWN BY:
NONE	APPROVED BY:	JM
DATE:	DESCRIPTION:	REVISED:
01-14-00	PRESENTATION DWG	
TITLE:		DRAWING NUMBER:
POLYMER UNIT 500 SERIES		PMS00N

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