

# SVENMIX.D

## DRY POLYMER MIXING SYSTEM

Polymer Mixing  
Systems Since  
1978

# SVEN

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## SVENMIX.D DRY POLYMER MIXING SYSTEM

### DESCRIPTION

The SVENMIX.D is a precise yet simple system for making down dry polymer. The polymer may be powder, granular, or bead. The polymer is fed from the sealed hopper by way of the VFD-controlled volumetric feeder. The polymer flows into the Washdown Funnel, where the initial wetting and dispersion occur. The Washdown Funnel is connected to a jet eductor, which conveys the solution to the Mixing/Aging Tank(s) where the polymer solubilization is completed and the solution is aged. The rapid dispersion and solubilization of the polymer as it flows into the Washdown Funnel and through the Jet Eductors allow for a short aging time to completely unwind the polymer.

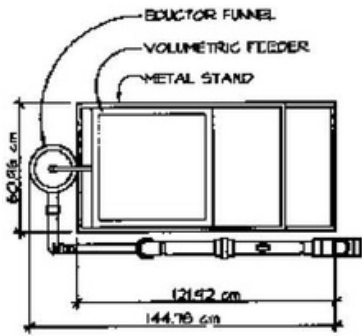
The SVENMIX.D is a flexible system that can be configured for any application or project.



Polymer feed into the Washdown Funnel and being drawn through the Jet Eductor

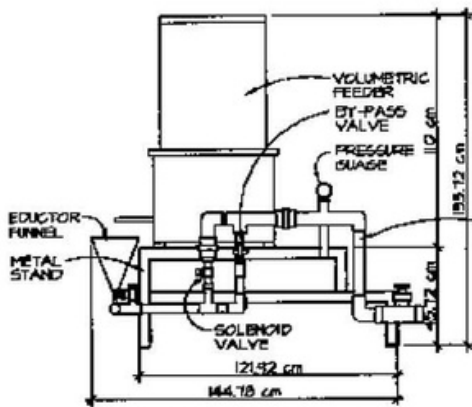


Pictured in the background left is a SVENMIX.D 3325. In the foreground right is an 1100 gal. tank with a SVENMIX LS Mixer. The system automatically makes a 0.15% polymer solution on demand. An ultrasonic level controller in the tank initiates the process. The solution is fed to a belt thickener by the PC pump next to the tank.

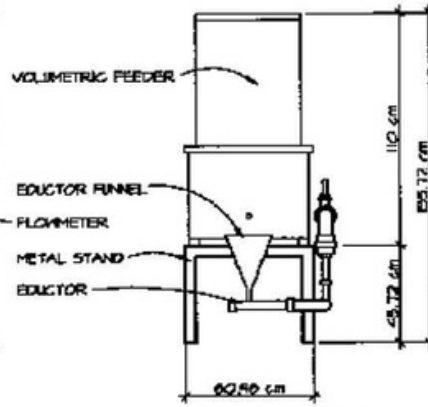


**A TOP VIEW**  
SCALE: 1:20

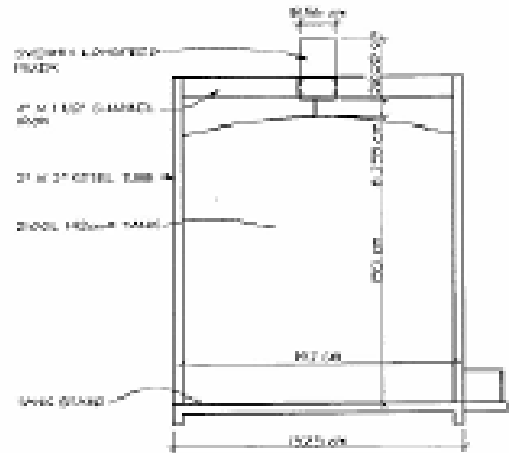
## SVENMIX.D



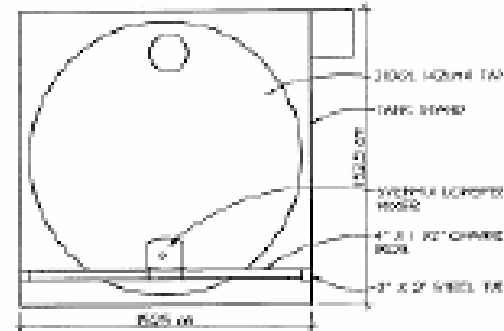
**B SIDE VIEW**  
SCALE: 1:20



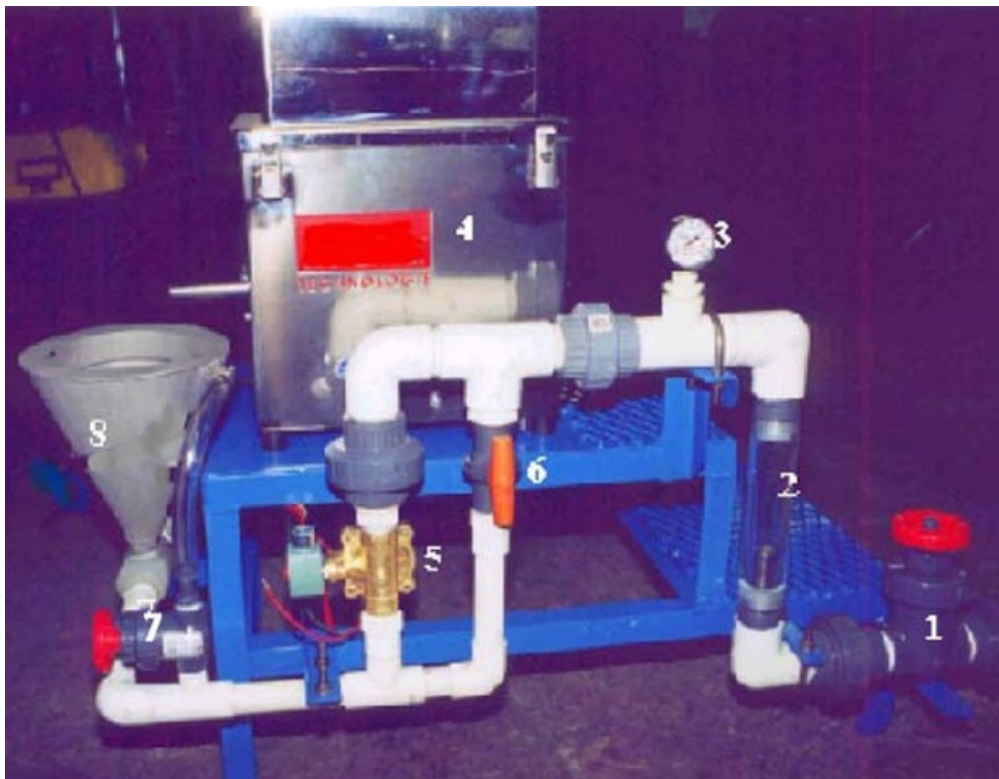
**C END VIEW**  
SCALE: 1:20



**D AGING TANK SIDE VIEW**  
SCALE: 1:20



**E AGING TANK TOP VIEW**  
SCALE: 1:20



- 1) Flow Control/Shut-off Valve
- 2) Flowmeter
- 3) Pressure Gage
- 4) Volumetric Feeder
- 5) Solenoid Valve
- 6) By-Pass Valve
- 7) Washdown Water Valve
- 8) Eductor/Mixing Funnel