

SVENMIX

STATIC MIXERS

Chemical
Mixing Systems
Since 1978



SVEN
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DESCRIPTION

Sioux Valley Environmental manufactures SVENMIX STATIC MIXERS for inline blending/mixing applications such as flocculation and coagulation, sludge dewatering, chemical blending, and chemical dilution.

SVENMIX STATIC MIXERS are manufactured from PVC and Stainless Steel. Sizes start at ½ in. and come with NPT, Flanged or Slip (glued) end connections.

The mixing elements of the SVENMIX STATIC MIXER are designed to provide turbulent and radial-type mixing in the same piece of equipment. The offset placement and open design of the mixing elements provide excellent mixing characteristics with low-pressure loss across the length of the mixer.

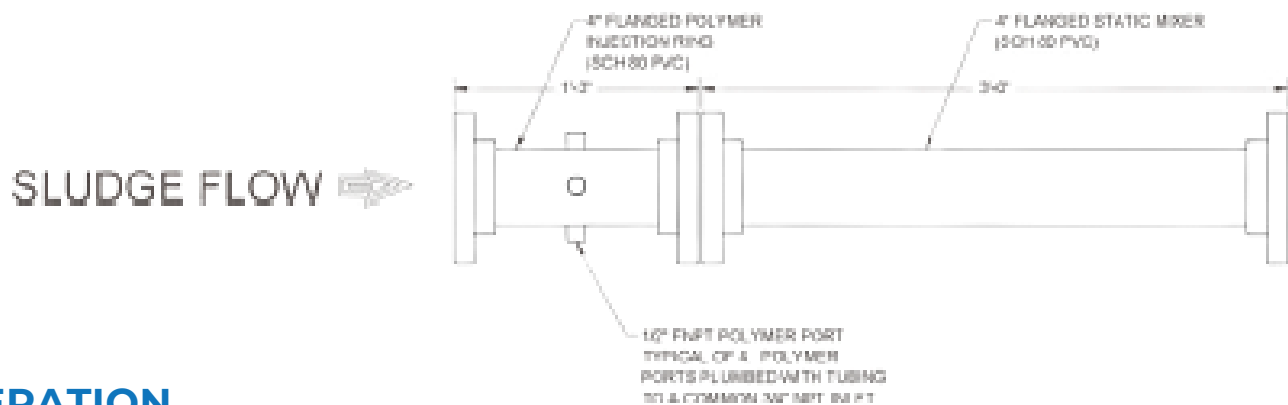
No moving parts eliminates the need to inventory spare parts. Low clog potential reduces maintenance concerns.



A SVENMIX STATIC MIXER can be built to match any mixing/blending application.

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OPERATION

SVENMIX STATIC MIXERS are used in sludge dewatering applications to mix the polymer solution into the sludge stream. The polymer is injected upline from the mixer. As the sludge and polymer pass through the mixer, the polymer separates the solids from the water and produces floc that is ready for the dewatering process.

SVENMIX STATIC MIXERS for use with Belt Filter Presses, Belt Thickeners, Centrifuges, Rotary Drum Thickeners, or other dewatering devices can be manufactured with integral polymer injection ports.



SVENMIX INJECTION RINGS can be an integral component of the SVENMIX STATIC MIXER or a stand-alone unit to provide an even distribution of chemical solution into the sludge stream.