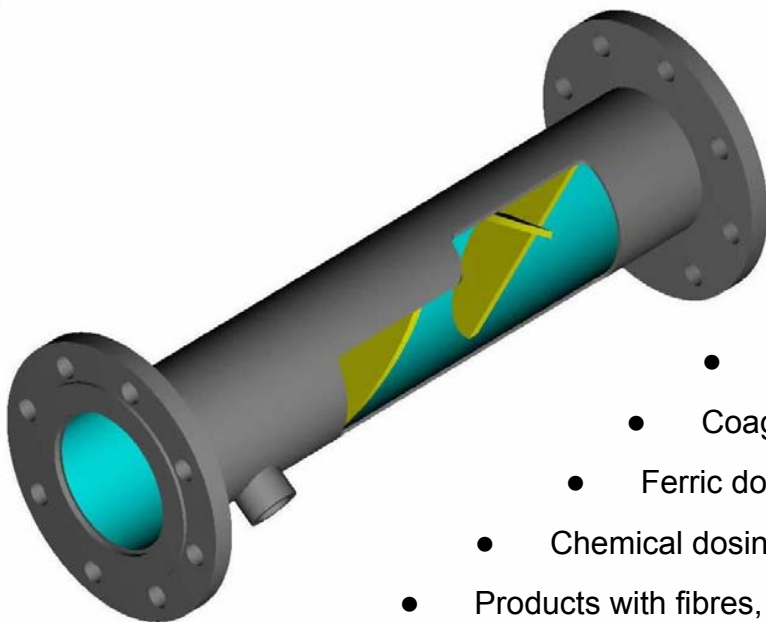


Product Datasheet

Statiflo Sludge Blender

High Performance Non Ragging Static Mixer for those Difficult Sludge and Waste Water Applications



The Sludge Blender is suitable for the following applications:-

- Sludge blending
- Sludge thickening
- Coagulant / Poly blending
- Ferric dosing for phosphorous removal
- Chemical dosing of raw sewage
- Products with fibres, e.g. paperstock

Specifically developed for sludge mixing or high fibre content applications. The unique mixing element design provides:-

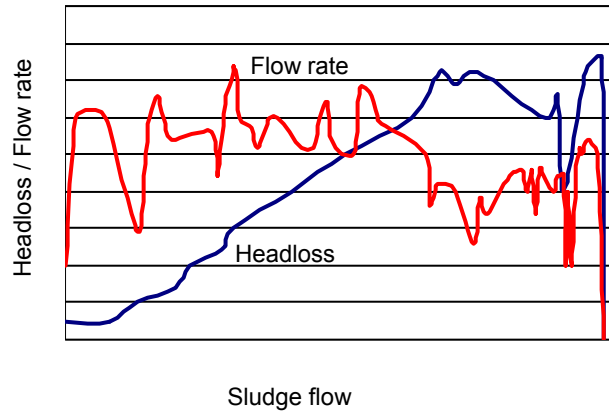
- Free flow design gives excellent resistance to blocking and ragging
- High mixing performance CoV < 0.05
- Consistent mixture quality
- Low pressure drop
- Easy to clean
- Excellent free draining capability
- uPVC / Stainless steel construction
- Wide range of diameters available
- Custom designed for each application
- Injection nozzles easily incorporated

In full scale site trials, the Statiflo Sludge Blender out performed all competitors designs including a static mixer, orifice plate and sludge valves.



Typical clogging of competitors static mixer in less than 4 hours

Headloss and flow rate vrs sludge flow

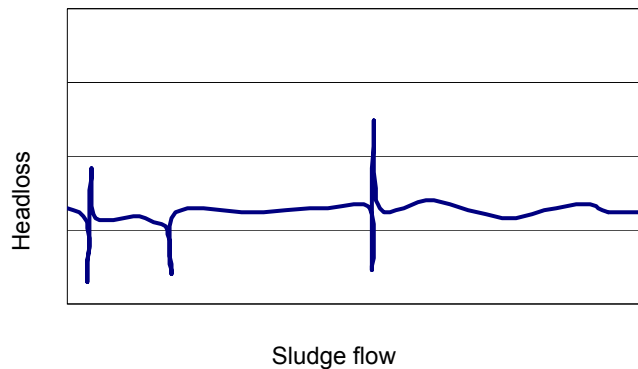


These pictures and graphs illustrate the superior performance of the Statiflo Sludge Blender design compared with competitor's mixer elements. The graph above shows the typical effects of ragging with increasing headloss and reduced flow until the mixer ceases to operate. In comparison the Statiflo Sludge Blender elements remain clean and free flowing indicated by the consistent headloss performance.



Statiflo Sludge Blender after 90 hours

Headloss vrs sludge flow



Eliminate your sludge mixing problems, contact Statiflo for all your Static Mixer Applications



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