

## Statiflo NRC Mixer

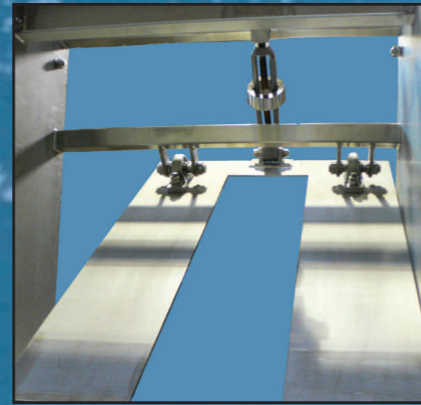
A non-ragging static mixer for dosing additives into wastewaters including raw sewage. The Statiflo NRC Mixer has been designed specifically for P removal applications but can equally be used on any dosing service on raw sewage where non-ragging properties are essential. It has a unique variable geometry catering for the widest range of water velocities and depths found on a typical wastewater treatment plant.

### Non-ragging performance

Very efficient design - control vane(s) can be tuned to optimise mixing performance within headloss constraints  
 Tuning – manual or automatic options  
 Design adaptable for wide range of channel sizes, aspect ratios, water depths and flowrates  
 Control vane(s) can be raised above top water level during storm conditions  
 Integral accessible sparger for injecting undiluted high density additive  
 No direct power requirements  
 Designed for easy installation in live open channels

Additionally, the NRC Mixer will provide the following process benefits:-

- Very significant chemical savings
- Improved primary sedimentation
- Reduced BOD load
- Higher sludge concentrations
- Reduced Fe concentration in final effluent / sludge
- No unsightly iron staining
- Substantial cost savings



Statiflo NRC Mixer – a free flowing non-ragging mixer for P removal & other wastewater treatment dosing applications

