

ROTATING RIGHT

SERIES 400NR SLUDGE BLENDER

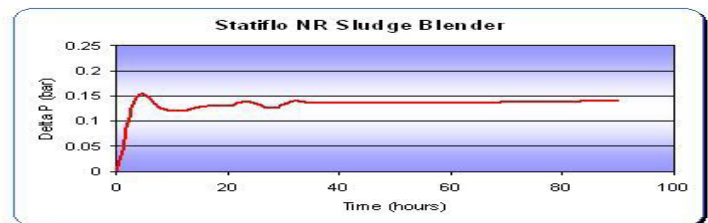
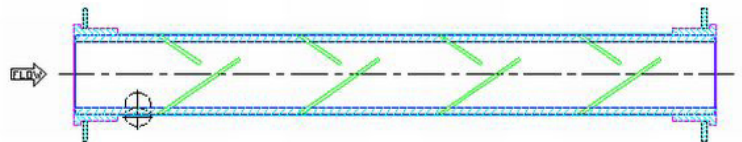
General Purpose Design in Carbon and Stainless Steel

Construction Materials

uPVC designs for continuous blending of sludges and slurries. Specifically designed & proven to handle sewage sludge without blocking/ragging. Ideal for phosphate removal from sewage by ferric chloride dosing. Fixed uPVC elements in uPVC housings GRP/FRPclad.

FEATURES

- *Highly efficient mixing*
- *Low energy consumption*
- *No moving parts for maintenance free operation*
- *No direct motive power required*
- *No need for tanks in most cases*
- *Ease of installation*
- *Minimal space requirement*
- *Totally enclosed pipe designs*
- *Optional injectors and sample points*
- *Available in all sizes*
- *Available in a wide range of materials*
- *Custom designed*
- *Available worldwide*



Statiflo International is a world leader in the development and application of static mixers and associated technology. Statiflo has more than 1,200 customers in every process industry with Statiflo Static Mixers installed in more than 70 countries around the globe.

Statiflo headquarters are located in MacClesfield, in the north west of England.

Statiflo Motionless Mixing technology is applied to a wide range of custom designed products for the continuous process industries: from conventional pipe static mixers to laminar flow heat exchangers, plug flow reactors, loop reactors, steam spargers, gas dispersion systems and channel mixers.

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Mixing Classifications

Statiflo Static Mixers can be applied to a wide range of process operations including blending, dosing, dispersion and emulsion formation, laminar flow heat exchange, mass transfer and as an inline 'plug flow' reactor. These processes can be broadly grouped into the following mixing classifications:

Liquid / Liquid miscible fluids - laminar flow, turbulent flow

Liquid / Liquid immiscible fluids - turbulent flow

Gas / Liquid - turbulent flow

Gas / Gas - turbulent flow

Solid / Solid - particulate flow

The principles of operation of the Motionless Mixer vary according to Mixing Classification.

Mixer Elements

Element Type



STT



STS



STL



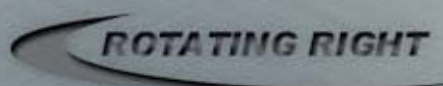
STM



STC

| Series | Series | | | | | | | | | | | | |
|--------|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | 100 | 150 | 200 | 300 | 400 | 500 | 550 | 600 | 650 | 700 | 800 | 850 | 900 |
| STT | F/R | | R | | | | | | | F | F | | |
| STS | F/R | | R | R | F | | | | | F | F | | |
| STL | F/R | | | | | F | | F | | | F | | |
| STM | | F/R | | | | | F | | F | | | F | |
| STC | | | | | | | | | | | | | F |

• F - Fixed Elements • R - Removable elements • F/R - Fixed or removable elements



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