

# MST

## Meva Sludge Thickener in Stainless Steel



### Main areas of use and features

- Mechanically cleaned sludge thickener
- High capacity
- Sludge thickening up to 7–9% DS
- Few moving parts
- Low maintenance and cleaning
- Patented movement pattern
- Fully capsulated
- High finish guarantees a long lifetime

# MST MEVA SLUDGE THICKENER

## Application

Meva sludge thickener is used to thicken primary, mixed, and chemical sludge. Incoming DS levels of 0.5–1% is thickened to 7–9%.

Meva sludge thickener consists of a specially designed Meva Monoscreen RSM mounted in a tank.

## Function

This equipment has proven to be superior when it comes to wear, amount of polymers needed, and reject water quality. Thanks to the self-cleaning ability of the screens, substantially less maintenance, supervision, and cleaning is needed compared to traditional sludge thickeners.

Meva MST has revolutionized traditional sludge thickening thanks to its unique movement pattern. Few moving parts, together with the patented movement pattern, leads to a very careful treatment of the sludge.

Sludge thickeners should always be controlled using a frequency inverter and start and stop signals are taken from an external sludge pump. We usually deliver MST with an electric control panel specially developed for the sludge thickener. The MST is delivered fully assembled in a compact tank in stainless steel. Several models are available, for a capacity of 2–10m<sup>3</sup>/h, depending on DS-level and screen model.

