

MONOSCREEN RSM

Fine Screen in Stainless Steel



Main areas of use and features

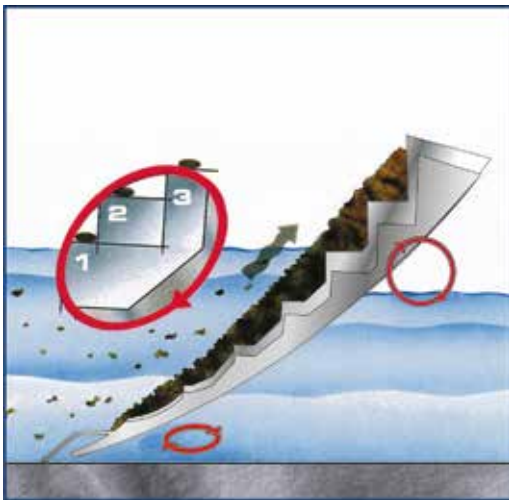
- Patented fine screen with slot width 0,5-6 mm
- Discharge height 0.7 m-4.5 m
- Channel width 300-2000 mm
- Fully covering screenings mat
- High capacity
- Few moving parts
- Fully capsulated
- The highest separation degree of solids on the market
- High finish guarantees a long life time

RSM MONOSCREEN

Area of use

Meva Monoscreen is a self cleaning fine screen for water treatment with very high separation degree of solids. The design is focused on an improved separation at the bottom of the screen, a weakness in other fine screens on the market.

Meva Monoscreen can be operated with fully covering screenings mat. Slot widths 0.5-6 mm.



Function

The unique patented design gives Meva Monoscreen several advantages, especially below the water surface and at the bottom of the screen.

Due to the progressive motion only a small part of the screenings mat is transported up during each cycle. This minimizes the “rush” of water through the screen, that will occur after a traditional screening cycle. The risk for blockage by sand and grit is eliminated by the design.

Meva Monoscreen can be operated in very short pulses and doesn't have to make a complete working cycle back to its home position. In pulse mode a fully covering screenings mat can be maintained throughout the cycle, which results in a very high separation degree (up to 50% higher than other designs).



Automatic Control

Meva Monoscreen operates intermittently and the operation can be adjusted to the incoming flow. A level sensor is installed in the channel in front of the screen. The screen starts when a pre-set water level is reached and operates until the water level is below the pre-set value. The cycle is repeated when the level is reached again.



Meva Monoscreen in a WWTP

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High accessibility guarantees easy maintenance and visual control of the screen



Meva Monoscreen mounted in tank with an SWP



Meva Monoscreen



