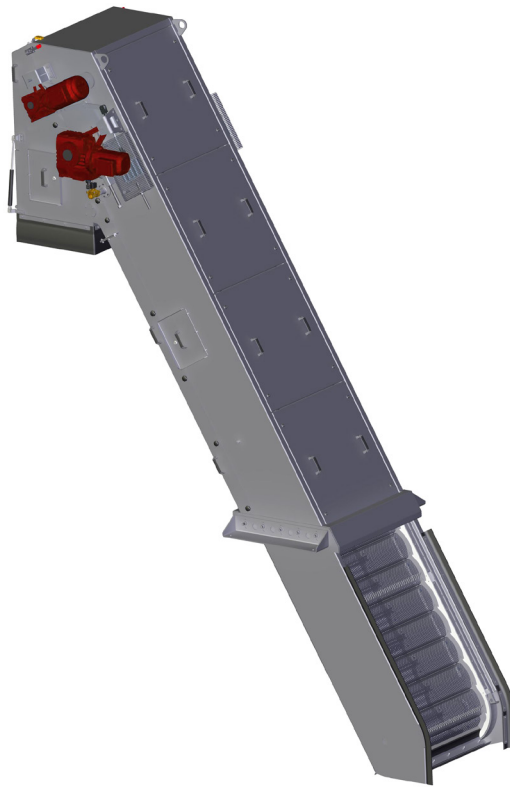


MPS

Meva Perforated Screen in Stainless Steel



Main areas of use and features

- Perforated plate screen with 2-12 mm holes
- Brush with high-pressure flushing
- Long lifetime and low maintenance costs
- Seamless, merged belt, no gaps
- Fully capsulated design
- Handles flows with large contents of sand and grease
- High finish ensures a long lifetime

MPS MEVA PERFORATED SCREEN

Area of use

Meva MPS is a modern perforated plate screen developed for use at waste water treatment plants and process industry with high demands for sturdy design, high separation degree and low costs. The design is focused on improved brushes and strainers, in order to bring brush wear and flush water consumption to a minimum.

Meva MPS handles large amounts of grease and sand without problems or operation disturbances. Meva MPS is hygienically fully capsulated and is delivered with a standard perforation of 2-12 mm.

Function

The water runs through perforated stainless plates that separate and lifts out the solids. The strainers in the Meva MPS create a seamless merged belt without unwanted gaps, unlike traditional perforated plate screens with separately mounted plates. This type of traditional plates cause unwanted and, relative to the perforation, large gaps between the plates.

The unique design ensures that the specified perforation is maintained and thereby minimizes the risk of damaging the downstream process.



Meva MPS with Meva MRS coarse screens and XC spiral conveyors

The uniquely designed strainers maintain a constant distance between plate and brush through the whole process. In combination with the spray bar it allows for a significantly softer brush with maintained results, which in turn ensures low wear on both brushes and strainers. The unique strainer design results in a 30% larger effective area than normally. Thereby, larger flows can be handled and smaller, more cost effective screens can be used.

Every fifth strainer is equipped with a rake shaped heel to help lift large pieces of screenings. The design ensures that the effective width of the strainer is unaffected and minimizes brush wear. Using a coarse screen upstream is no longer necessary since the heel will also handle large objects such as branches or cans.

Meva Perforated Screen MPS

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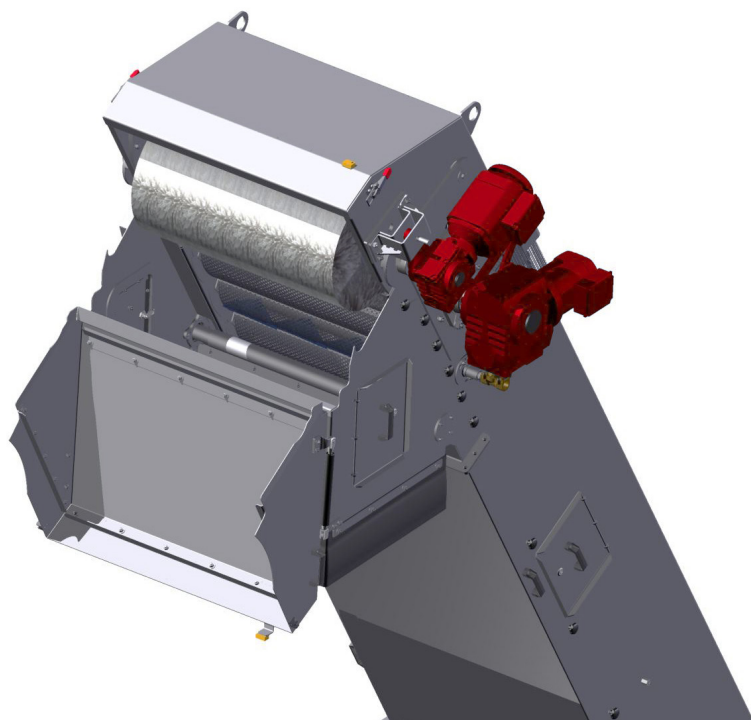


Meva MPS is delivered with a seamless belt



Meva MPS handles both small and large particles

Technical Specification



DIMENSIONS

Screen width (mm):	from 300 to 3 000	
Center shaft distance (mm):	up to 11 000	
Hole diameter (mm):	2, 3, 5, 6, 8, 10 and 12	
Water level distance (mm):	up to 2 000	
Installation angle (degrees):	75, 60 or 50	<i>Alternative design available upon request</i>