HYDRIA™ WATER

CROSS SCREEN XS

Cross Screen XS is a mechanical step-type screen that separates solid particles, screenings and debris from wastewater.

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A step-type fine screen has several unique properties. For example, it is totally self-cleaning and therefore requires neither flushing nor brushing. The step-type fine-screen model also has unsurpassed capacity, results and total economy in mechanical screenings separation.

Cross Screen XS is equipped with a unique sealed low-friction bottom step without plastic spacers. This results in a screen with constant gap width and the highest separation percentage of any step screen on the market. A constant gap width can be guaranteed, even during operation. The large steps with uniquely designed bars provide a safe and high conveying capacity. A 2–6 mm cross screen replaces a 10–30 mm coarse screen in existing channels with retained capacity and hydraulic flight.

Functions

- Unique and sealed low-friction bottom step without plastic spacers provides a constant gap width and the highest separation of any step screen on the market. This enables the replacement of perforated fine screens.
- Patented bottom step.
- The only screen on the market with guaranteed gap width, even during operation.
- Uniquely designed bars for high conveyor capacity.
- Self-cleaning discharge without plastic spacers.
- Solid design with strong and stable bars.
- Large steps provide a secure and high conveyor capacity.
- Linkage transmission eliminates limitations such as min. or max. water depth.
- Solid crossbeams and high mechanical strength allow large screening widths.
- Flexible mounting angle of 45–50 degrees provides a compact installation.
- Completely enclosed, safe and hygienic machine with easy-to-open inspection hatches.
- Adjustable support legs for suspension simplifies installation and service.

Specifications

Discharge height	0,8–5,5 m
Effective width	<1 600 mm
Inlet/Bar-spacing	1–6 mm
Capacity	<6 000 l/s
Drive unit	SEW/Nord
Material	EN 1.4301, EN 1.4404

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