

# Cross Screen XS.

**mn**<sup>TM</sup>  
WATER TREATMENT  
PRODUCTS

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A part of Hydria Water

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Cross Screen XS is a mechanical step type screen that separates solids (screenings, rubbish) from water.

## Advantages

- Unique sealed low friction bottom step without plastic spacers gives the highest separation of any step type screen on the market. This enables replacement of perforated screens.
- Self cleaning discharge without plastic spacers.
- Robust construction with thick bars.
- Big steps along the whole bar length ensures high conveying capacity even for big objects.
- Linkage transmission = no limitations in min or max water level.
- Solid cross beams gives high mechanical strength allowing screen widths >3m.
- Flexible mounting angle 45 to 50 degrees for compact installation in short channels.
- Easy adapted support legs simplify installation and enable the screen to be pivoted up for service.
- Enclosed, safe & hygienic with easy to open access doors.

## Unique Market leading Features

- Patented bottom flap.
- Only screen on the market with guaranteed slot-width even during operation.
- Zero water consumption for cleaning.
- The most robust power transmission linkage between top and bottom parts of the screen.
- Curved bars with uniform steps to prevent premature screenings mat release.

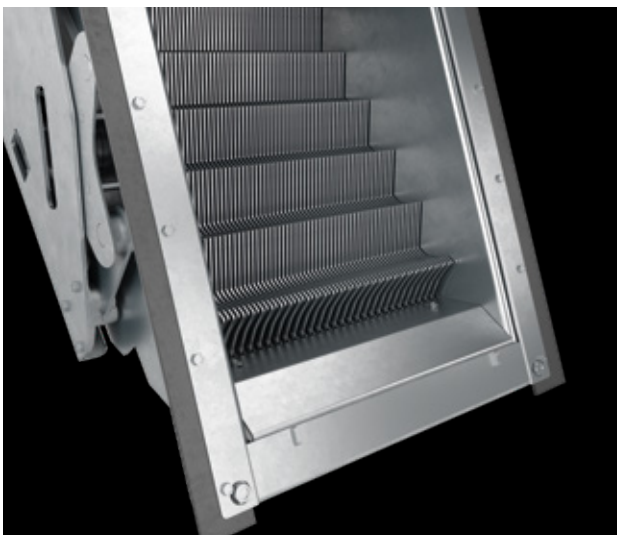
## Function

Step type fine screens has unique capabilities:

A 2-6 mm Cross Screen can replace a 10-30 mm coarse screen in an existing open channel while maintaining the same low head loss, without any need for pre screening.

Cross Screen XS is totally self cleaning without flushing or brushes.

This gives unrivalled capacity, result and total economy.





## Specifications

Discharge height	800-7000 mm
Width	200-4000 mm
Slot width	0,5-6 mm
Capacity	10-6000 l/s
Motored gears	SEW and Nord
Material	EN1.4301, EN1.4404 or by client demand

*MN has hundreds of international references. We are proud of our extensive knowledge and continuous development of the most innovative solutions available on the market of screens and screenings handling equipment within water and waste water treatment.*

*We have been on the market for more than 30 years and many of our well-engineered products has been benchmarks for the entire industry.*

*We design and manufacture all of our products in our own factories in Sweden.*

*We are certified with the latest ISO- and CE- standards.*

*Swedish steel working traditions and the highest quality.*





Towards a cleaner world.



VA Teknik Sweden



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