



## **CHANNEL FILTER TS**

Channel Filter TS is a unique design for separating particles, screenings and debris from water.

## CHANNEL FILTER TS

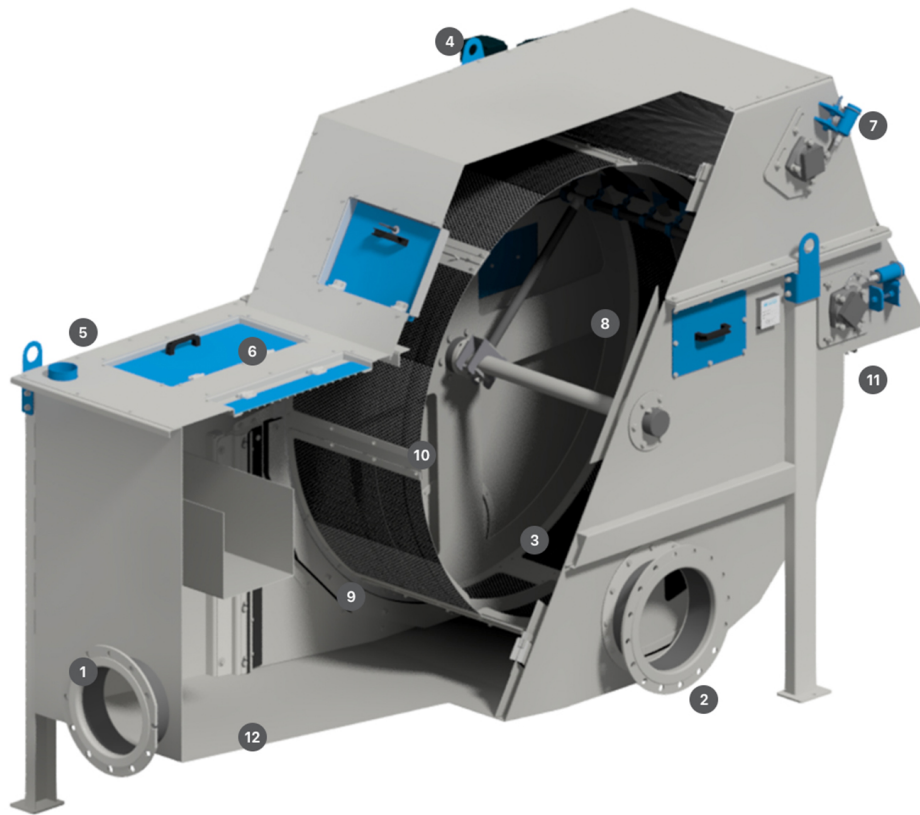
By filtering water from the front, bottom and back, the channel filter achieves the greatest wet surface on the market and high separation, even in existing open channels, with hardly any head loss. The separated material is cleaned, dewatered and shredded at the discharge point. Channel Filter TS is supplied for channel or tank mounting as well as with or without a discharge point.

## FUNCTIONS

- Unique design with the market's largest wet area.
- Able to combine screen and filter technology.
- Clean and dirty sides are kept entirely separate to eliminate carry-over.
- Brush and rinse ramp clean the filter area and convey the screenings to wash press/compression/dewatering.
- Can be used as a pretreatment step before membrane filters.
- Interchangeable alternative filter strainer panels, micro strainer cloths, perforated plate, silt screen.
- Combined operation with integrated wash press.
- Alternative solutions for conveyor cleaning reduce the need for flushing water.
- Completely enclosed, safe and hygienic with easy-to-open inspection hatches.

## SPECIFICATIONS

Discharge height	<1 300 mm
Diameter	<1 500 mm
Perforation (Ø)	2-8 mm
Capacity	<1 000 l/s
Drive unit	SEW/Nord
Material	EN 1.4301, EN 1.4404



## EXPLODED VIEW

1. Inlet connection flange, size adjusted according to flow
2. Outlet connection flange
3. Non-carry-over design with guaranteed screening/filtration
4. Lifting eyes for easy installation and service
5. Ventilation connection
6. Inspection hatches for inspection and service
7. Lubrication dispenser (1-Year) for drive and brush
8. Spray bar for cleaning and removal of debris from screen panels
9. Movable labyrinth seal on guide rails
10. Replaceable panels with different filtration fineness

11. Debris outlet for further treatment

12. Pressure sensor controlling machine start