

BELT SCREEN



1. Discharge hopper
2. Brush drive
3. Belt drive
4. Pressure water inlet
5. Water level sensor
6. Covers
7. Mounting fitting
8. Concrete channel
9. Step



Plastic lamellas



combination of
stainless
steel/plastics

COARSE PRETREATMENT OF WASTE WATER

FOR INDUSTRIAL WASTE WATER,
SLAUGHTERHOUSE WATER,
TREATMENT PLANTS

DESCRIPTION

The Belt Screen is designed for coarse pre-treatment of waste water. The screen belt creates an obstacle to the flowing water carrying solids which get caught on the bars. The screenings are lifted by the screen belt above the water level to the screen head, from which they are discharged to the hopper.

The screen bars are cleaned by a rotating brush and rinsing pipes. Cleaning of the screen belt is initiated at the same time as the belt drive. The belt operation can be controlled by a timer or water level sensor which is part of the delivery.

The screen discharge hopper is usually connected to the screw press or screw conveyor with a press.

PROPERTIES

- ❑ Enables transportation of screenings from great depths
- ❑ Removes undissolved matter and bigger substances
- ❑ Lamellas are exceptionally resistant to tear
- ❑ Offers great constructional possibilities
- ❑ Fully automatic operation of the screen

BELT SCREEN



Belt screen and press for screenings



Set of two screens and a conveyor



Set of two screens and a conveyor



Special screen for high flows

ADVANTAGES

- The Belt Screen is made exclusively of high quality stainless steel and high quality plastic components with excellent mechanical wear resistance.
- Its low weight and the whole structural design ensure long lifespan of the screen and safe operation and smooth assembly.
- The flow through the screen is much higher than in commonly used screens of this type. This is ensured by thin and solid plastic lamellas forming the screen belt.
- The screen is always equipped with the protection system against overload of the screen belt.

VARIABILITY

- Sizes are made to fit the required channels
- Openings between the screen bars are optional
- Can be insulated and heated
- Optional screen inclination (60°, 75°)

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