

STRAIGHT SCREW SCREEN



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- 1 Screen body
- 2 Conveyor screw
- 3 Discharge
- 4 Screw drive
- 5 Support
- 6 Filtration sieve
- 7 Integrated emergency overflow
- 8 Fitting
- 9 Rubber sleeve



VARIABILITY OF INSTALLATIONS

DEWATERING OF SCREENINGS

DESCRIPTION

The Straight Screw Screen is designed for small and medium waste water treatment plants. It can also be used for pre-treatment of some industrial waste water.

The screen design offers a reliable performance with little maintenance and easy operation.

An important part of the screen is a conveyor screw (2) made of stainless steel. There is a revolving brush alongside the bottom part of the screw whose function is to keep the sieve (6) clean.

The bottom part of the screw revolves in a special bearing which offers an outstanding resistance to abrasion and is easily replaceable. The screen is fitted above the channel on a shaft in two bearings which enables lifting the screen to a horizontal position above the channel using a lifting device attached to a fitting (8) and perform necessary check or maintenance.

The filtration is performed through a perforated plate sieve (6) mounted in the filtration part. The sides of the filter part are fitted with rubber sealing whose function aside from sealing is to make up for small geometrical inaccuracies of the channel.

The screen is also equipped with an emergency overflow. (7)

PROPERTIES

- Separation, rinsing and dewatering of screenings in a single process
- Filtration is ensured by a resistant stainless steel sieve
- Easy installation
- Easy removal of the screen from the channel for service works
- Integrated emergency overflow