

Rotary Drum Screen

Request for
Quote



Specialized in environment
Technology since **1970**

Functionality of the Rotary Drum Screen:

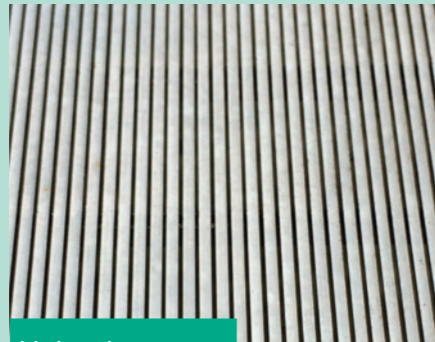
Waste water flows through a revolving drum, which is installed at an angle of 35°. The wastewater flows into the open end of the drum. Floating and suspended screenings are retained by the screen basket, which is available with a perforation or a wedge wire.

The upper third of the drum is cleaned via a line of nozzles. The screenings thereby separated out drop into the screw conveyor, which transports and compacts the screenings. The design ensures that the screen side to be cleaned is always in the upstream water, avoiding the "carry-over" effect.

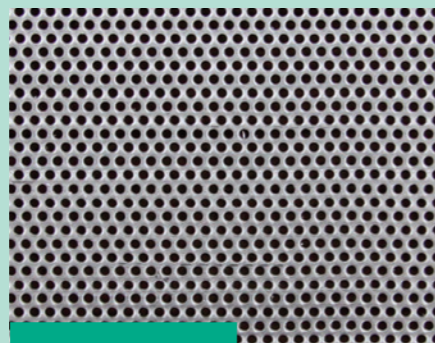
Perforation size/Bar spacing of the screening area can be between 1/0,5 mm and 10/6 mm.

Cleaning of the drum is effected by a spray nozzle bar and a brush. Drum and conveyor are driven by a geared motor.

The FSM rotary drum screen could be installed directly into a channel or as an option into a tank.



Wedge wire screen



Perforated screen

Advantages:

- High reliability through robust construction
- Low headloss
- High pressure cleaning with 120 bar available
- Excellent cost/performance ratio
- Installation in channels or in stainless steel tanks
- Suitable for outdoor sites / operation in winter
- Easily adapted to suit changed operating conditions
- Machine completely hygienically Encapsulated

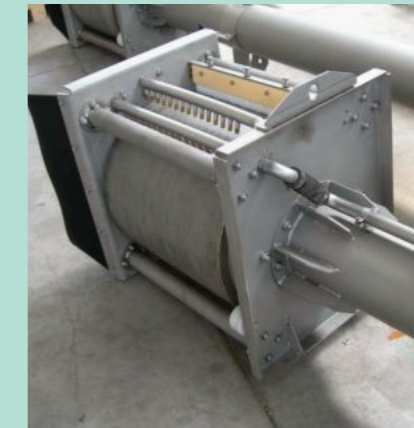
Applications in municipal and industrial clarification plant

- waste water pre-treatment / fine screening
- sludge screening / secondary sludge
- sludge screening / primary sludge
- fecal matter reception and treatment



Industrial applications

- textile and textile finishing industry – preliminary clarification of total waste water
- meat, fish and poultry processing / slaughterhouses – preliminary clarification of total waste water



- sugar industry - preliminary clarification of total waste water
- fruit and vegetable processing – preliminary clarification of total waste water
- breweries – preliminary clarification of total waste water



Rotary Drum Screen

Dimensions:

Diameter	500 to 3000 mm
Perforation	1 – 10 mm, other sizes on request
Bar Spacing	0,5 – 6 mm, other sizes on request
Installation angle	35°, other angles on request

Material/make:

machine frame	stainless steel SS304 or SS316, other materials on request
filter element	stainless steel SS304 or SS316, other materials on request
drives	geared motors, make SEW

Machines for water and waste water treatment

Excellent innovative capacity combined with many years of experience and a highly motivated team providing advice, assembly and service are your guarantee of outstanding products "Made in Germany", expert contract management through to commissioning and, of course, thereafter.

Get to know us, perhaps in the near future at a Trade Fair in your locality.

