

Hubert drum screen / vertical

The Vertical Drum screen is designed with A-shaped spokes. These specially designed A-shaped spokes provide a light but robust and stable construction and also ensure a very accurate seal against the channel walls.

Even the large diameter (>12 m) Vertical Drum screen is, due to this accurate seal, suitable for filtration with 2x2 mm.

All Hubert rotary drums screens are executed with maintenance free (sea-) water lubricated slide bearings. Furthermore, the vertical drum screen is executed with a special ring gear and drive pinion, which are made of a special wear resistant polyamide.

Hubert drum screens are available for different flow patterns.

The Vertical Drum screen is a rotating drum screen, provided with fine mesh screen panels.

The dirt particles, which are trapped on the screen panels, will be removed by high pressure spray water and discharged through the trash hoppers. The cleaning process can be executed automatically and semi-automatically.

The Vertical Drum screens are very suitable for use in cooling water intake systems. They are successfully being used in:

- Energy Power plants
- Oil Refineries
- LNG plants
- Chemical/industry plants

Advantages

The advantages of the Vertical Drum screen are:

- Light, but robust and stable construction
- Large flow capacities
- Resistant to corrosion
- Reliable
- Low maintenance
- Water lubricated bearings
- Environmental friendly
- Long lifetime (30 years or more)
- Fish removal system

Standard dimensions

Capacity: between 10,000 and 120,000 m³/hr.

Mesh opening: between 2x2 and 10x10 mm.

Drum length: up to 5 m.

Diameter: between 5 and 20 m.

Material: stainless steel AISI 304/316/316Ti

Specific dimensions or materials on request.

