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HUBER Peneira com Disco Rotativo RoDisc®



Micro screen for reliable removal of fine suspended solids

- Gravity system with a large separation surface
- Removal of activated sludge flocks after secondary clarification tanks
- Treatment of circulation water and service water
- Preliminary filtration in drinking water recovery from surface waters and in UV disinfection applications
- Advanced phosphate reduction through preceding precipitation and flocculation
- Maximum separation efficiency due to the defined separation provided by the square mesh

The RoDisc® Rotary Mesh Screen has been designed for fine screening of up to 1500 m³/h with a mesh size down as small as 10 µm. The screen is especially suited for applications where a very high filtrate quality and large filter surface area is required. Due to its small space requirement and modular design the RoDisc® Rotary Mesh Screen can be tailored to suit any specific site requirements.

The RoDisc® Rotary Mesh Screen is utilised for the separation of fine suspended material within municipal and industrial applications. The modular screen design allows for easy retrofitting of additional filter surface areas to meet the ever increasing throughput requirements. For example within municipal applications with preliminary screening and preceding biological treatment a throughput capacity of up to 1500 m³/h can be achieved with 20 filter discs.

This ultra fine screen works on the basis of the well-proven drum filter principle. The screen consists of horizontally arranged rotating filter discs installed on a central shaft and are submerged by up to 60% with each filter disc consisting of individual stainless steel segments covered with a square mesh. The wastewater to be treated flows through the segments from inside to outside and the filtrate is discharged at the inlet end of the screen.

Benefícios

THE USER'S BENEFITS

- Screening with a defined separation size
- provided by a square mesh
- Gravity system (no lifting of wastewater required)
- Low headloss, gravity filtration
- High hydraulic throughput capacity
- No external wash water supply required
- Effluent standards are reliably met.
- Reduced wastewater discharge charges
- Reduction of filterable solids, COD, BOD, phosphorus
- For installation within a stainless steel tank or in customer's concrete tank
- Compact, enclosed design
- Continuous operation principle

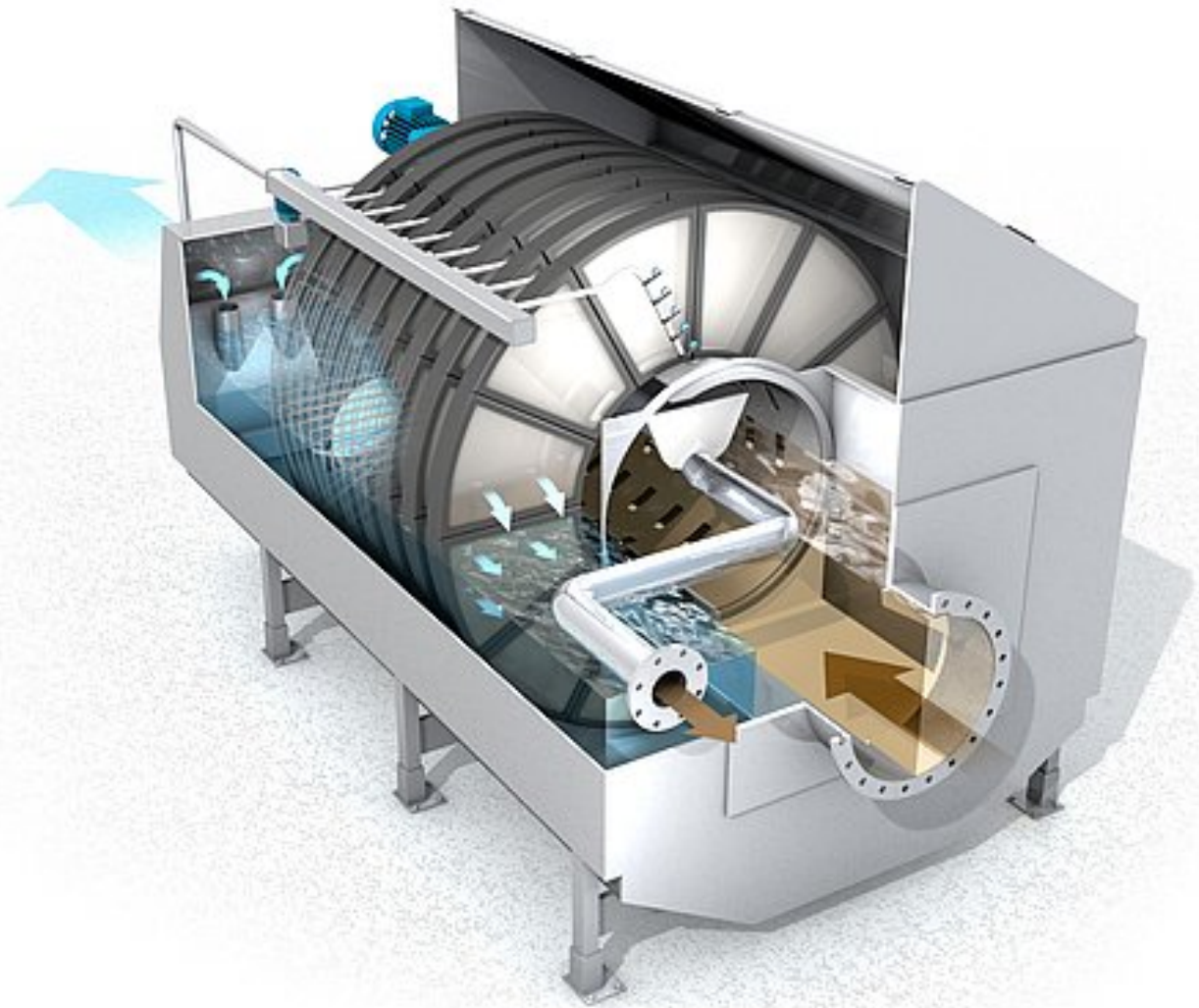
Downloads

 [Brochure: RoDisc® Rotary Mesh Screen](#) [pdf, 359 KB]

Relatórios práticos

- [Up to 50 million litres of drinking water per day: microfiltration at Constance waterworks modernised with three HUBER Disc Filter RoDisc®](#)
- [HUBER offers convincing key components for a tailor-made 4th treatment stage](#)
- [Technical road runoff treatment with HUBER Disc Filter RoDisc®](#)
- [Phosphorus reduction with the HUBER RoDisc® Rotary Mesh Screen](#)
- [RoDisc® Rotary Mesh Screen: an innovative low-cost alternative](#)
- [RoDisc® Rotary Mesh Screen for a drinking water application](#)
- [HUBER RoDisc® Rotary Mesh Screen ready for the future](#)
- [28 RoDisc® Rotary Mesh Screens to treat Asia Olympics wastewater](#)
- [Two RoDisc® 20 Microstrainers in Sharjah Permit Effluent Reuse for Irrigation](#)

Projeto Principal



Media



Animation: HUBER Disc Filter
RoDisc®
<https://www.youtube.com/watch?>



Video: HUBER Disc Filter RoDisc®
<https://www.youtube.com/watch?v=PemmdFxbUEs>

Mais produtos: Micro Peneiras

- [HUBER Peneira com Membrana ROTAMAT® RoMem](#)
- [HUBER Peneira com Tambor RoMesh®](#)
- [HUBER Drum Screen LIQUID](#)

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