

[Home](#) ■ [Prodotti](#) ■ [Microstacci / Filtri](#) ■ [Microstacci](#) ■ [HUBER Filtrazione a dischi RoDisc®](#)

HUBER Filtrazione a dischi RoDisc®



Filtro a dischi per la microseparazione dei solidi sospesi prima dell'immissione nel corpo ricettore

- Filtro per effluenti di depuratori, e per scarichi in fiumi e mare
- Basse perdite di carico
- Ridotti costi di smaltimento
- Per flussi fino a 1500 m³/h, dimensioni maglia da 10 µm in su
- 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.

Vantaggi

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

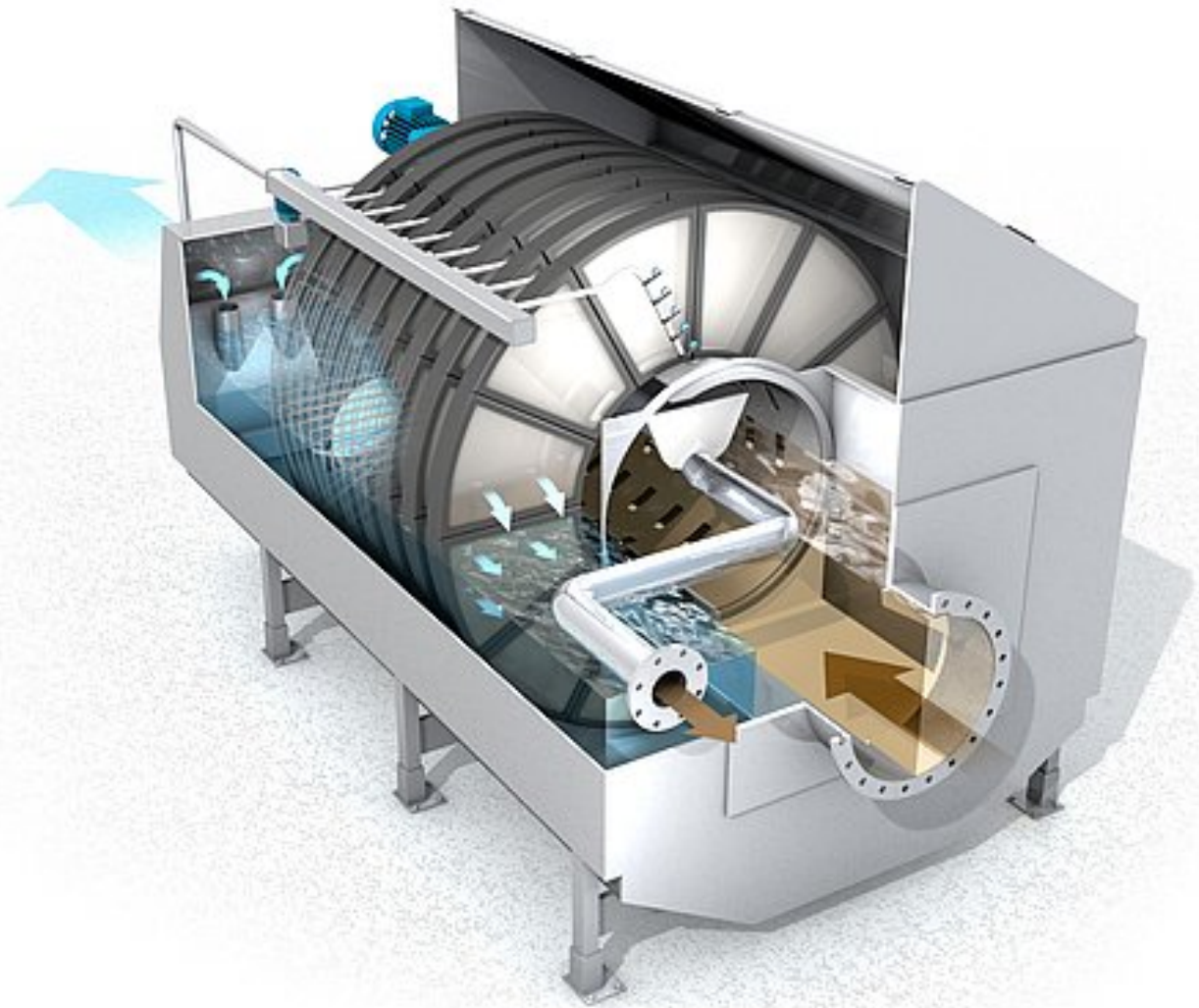
Downloads

 [Depliant: RoDisc® Rotary Mesh Screen \(inglese\)](#) [pdf, 359 KB]

Applicazioni

- [Fino a 50 milioni di litri di acqua potabile al giorno: sostituzione della microfiltrazione nella centrale idrica di Costanza con tre filtri a dischi HUBER RoDisc®](#)
- [HUBER offre componenti essenziali convincenti per un quarto livello di trattamento specifico](#)
- [Trattamento tecnico delle acque di deflusso stradali: il filtro a dischi HUBER RoDisc®](#)
- [Riduzione del fosforo con il filtro a dischi HUBER RoDisc®](#)
- [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](#)

Principio di funzionamento



Media



Animation: HUBER Disc Filter
RoDisc@
[https://www.youtube.com/watch?](https://www.youtube.com/watch?v=PemmdFxbUEs)



Video: HUBER Disc Filter RoDisc@
[https://www.youtube.com/watch?](https://www.youtube.com/watch?v=PemmdFxbUEs)
v=PemmdFxbUEs

Altri prodotti della gamma: Microstacci

- [HUBER Membrane Screen ROTAMAT® RoMem®](#)
- [HUBER Griglia a tamburo RoMesh®](#)
- [HUBER vaglio a tamburo LIQUID](#)

HUBER Technology srl
P.IVA e C.F. 01689490215
Cap. Soc. Euro 600.000,00 int. ver.
Iscr. al Registro delle Imprese
di Bolzano n. 01689490215

Sede amministrativa:
Zona Produttiva Vurza, 22
39055 Pineta di Laives (BZ)
Tel. 0471.590107
Fax 0471.594280

Sede commerciale:
Via A. Meucci, 35
27055 Rivanazzano (PV)
Tel. 0383.934023
Fax 0383.944453

Internet:
www.huber.de
www.hubertec.it
info@hubertec.it

