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## HUBER Micro Strainer ROTAMAT® Ro9



### Wastewater screen for small to medium flows

- with integrated screenings washing and compaction
- for channel installation or supplied in a tank
- with optional frost protection for outdoor installation

The HUBER Micro Strainer ROTAMAT® Ro9 is installed directly in a channel or into a separate tank. The wastewater flows in through the open front end of the screen basket and through the screen bars or perforations. Solids are retained by the screen basket, whereby the separation of floating, settling and suspended solids is dependent upon the screen bar spacing or perforation size.

Blinding of the screen surface generates an additional filtering effect so that solids can be retained that are smaller than the bar spacing or perforation.

The machine starts to operate when a certain upstream water level is exceeded due to screen surface blinding. A robust stainless steel screw removes the screenings from the screen basket surface. Additional cleaning is achieved by wear-resistant brushes fitted to the screw flights. The screw conveyor transports the screenings through a closed and inclined pipe. Whilst the screenings are transported, the screw conveyor dewateres and compacts them without any odour annoyance prior to discharging them into the customer's container or a subsequent conveying unit.

The HUBER Micro Strainer ROTAMAT® Ro9 operation is based upon a unique system that allows the combination of screening, washing, transport, compaction and dewatering in a single unit. Depending on the screen bar spacing or perforation and screen size (up

to 700 mm screen basket diameter), the throughput can be individually adjusted to specific site requirements. The screen can be installed either directly into a channel or into a separate tank.

## Benefits

### THE USER'S BENEFITS

- Low investment costs
- Quick and easy installation, even as a retrofit
- Reliable self-cleaning of the screening area by means of the stainless steel screw flights and wear-resistant brushes
- All stainless steel construction, therefore virtually unlimited life and no maintenance
- Encapsulated, odour-free plant
- Low disposal costs due to integrated screenings washing and compaction
- Optional frost-protected unit for outdoor installation – No building required

## Downloads

 [Brochure: ROTAMAT® Micro Strainer Ro 9](#) [pdf, 894 KB]

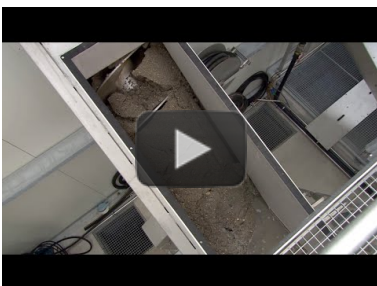
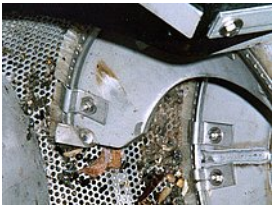
## Case Studies

- [HUBER Technology at Inlet Works Awareness Day, Runcorn](#)
- [Charfield STW Case Study: Inlet Screen Replacement Project](#)
- [Pulborough STW Inlet Screen Upgrade - A Wastewater Case Study](#)
- [Successful HUBER overall concept for beverage industry in Croatia](#)
- [New plant in Switzerland for innovative sewer grit treatment with process water recycling](#)
- [Wastewater Pre-Treatment Solution for a Slaughterhouse in Norway](#)
- [State-of-the-art HUBER Wastewater solution for Europe's largest slaughterhouse](#)
- [Labour Camp - Jebel Ali, Dubai](#)
- [HUBER MBR solution for 5-star luxury hotel Xanadu Island Resort](#)

## Design Sketch



Media



Video: HUBER Micro Strainer  
ROTAMAT® Ro9 in a grit treatment  
process  
<https://www.youtube.com/watch?>

## More products of this group: ROTAMAT® Screens

- [HUBER Fine Screen ROTAMAT® Ro1](#)
- [HUBER Rotary Drum Fine Screen / Perforated Plate Screen - ROTAMAT® Ro2 / RPPS / STAR](#)
- [HUBER Complete Plant ROTAMAT® Ro5](#)
- [HUBER Complete Plant Hydro Duct ROTAMAT® Ro5 HD](#)
- [HUBER Coanda Complete Plant ROTAMAT® Ro5 C](#)
- [HUBER Membrane Screen ROTAMAT® RoMem](#)
- [HUBER Pumping Stations Screen ROTAMAT® RoK4](#)

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