

[Home](#) ■ [Products](#) ■ [Screens and Fine Screens](#) ■ [ROTAMAT® Screens](#) ■ [HUBER Micro Strainer ROTAMAT® Ro9](#)

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, 388 KB]

Case Studies

- [An award winning design wastewater case study at Westnewton WwTW](#)
- [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](#)
- [New plant in Switzerland for innovative sewer grit treatment with process water recycling](#)

Downloads

 [Brochure \(US\): ROTAMAT® Micro Strainer Ro 9](#) [pdf, 0.95 MB]

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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