

[Home](#) ■ [Products](#) ■ [Screens and Fine Screens](#) ■ [ROTAMAT® Screens](#) ■
[HUBER Coanda Complete Plant ROTAMAT® Ro5 C](#)

HUBER Coanda Complete Plant ROTAMAT® Ro5 C



Complete mechanical wastewater treatment for small sewage treatment plants

- Wastewater fine screening
- Grit separation
- Grit classification

A container-mounted ROTAMAT® Micro Strainer removes solid material from the wastewater depending on its bar spacing (e.g. $e = 2$ mm). Screenings are removed and transported by a screw conveyor. Inside the closed rising pipe, screenings are dewatered and compacted by an integrated press. Subsequently, they are discharged into a container.

The cleaned wastewater flows by gravity into a Coanda circular grit trap. As the Coanda Tulip is fed through a vortex chamber, the wastewater flow gets tangential in addition to a radial flow direction. Air is sucked into the vortex and mixed with the wastewater flow.

The combination of three effects, namely the Coanda effect, the tea-cup effect and the air intake, guarantee that the organic components are kept on the surface and discharged over a weir while the grit settles in the lower trough area. The separated grit is removed through a classifying screw, statically dewatered and discharged into a container.

Benefits

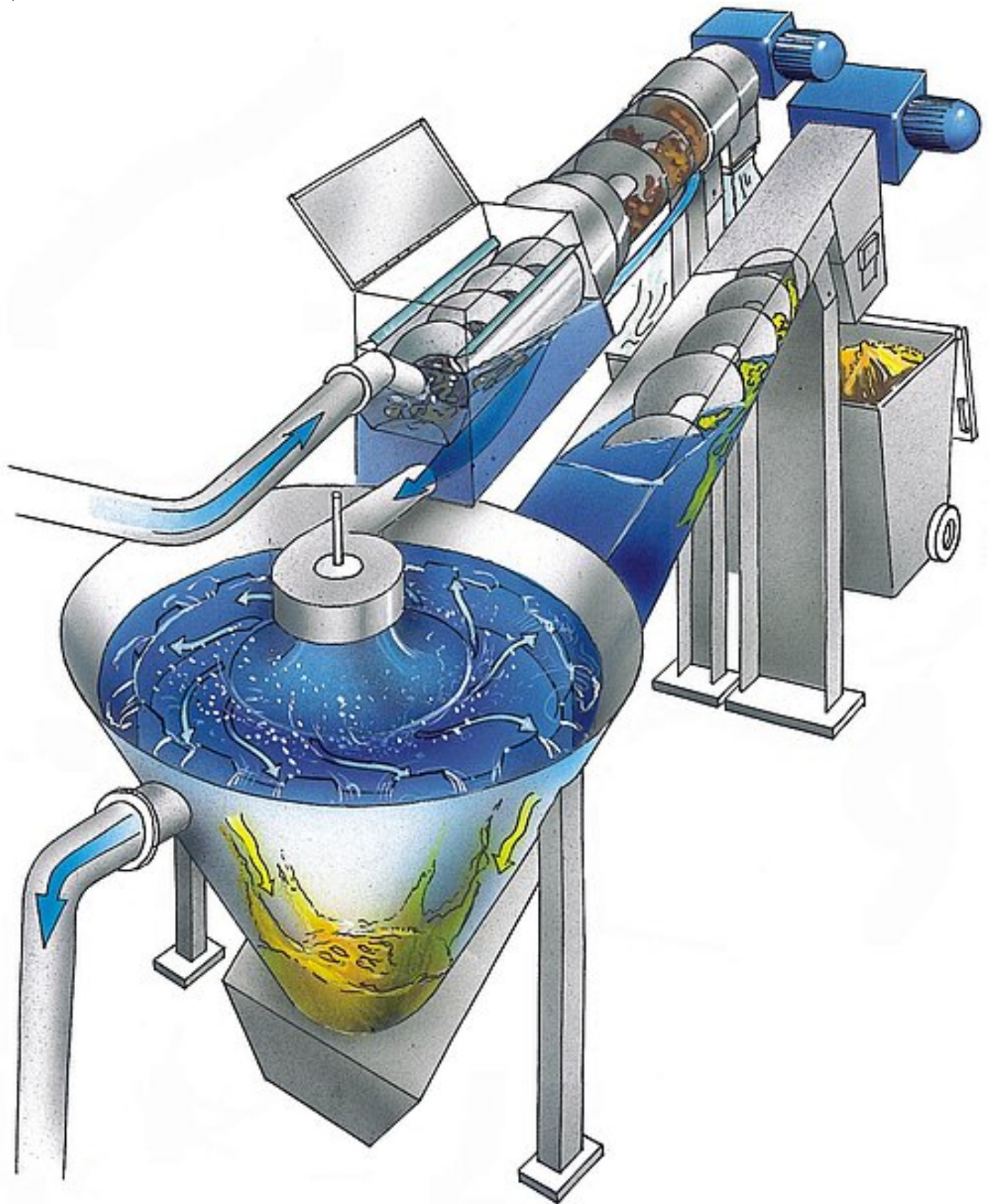
BENEFITS OF THE HUBER COANDA COMPLETE PLANT ROTAMAT® RO5 C

- Complete mechanical pre-treatment by the combination of fine screen, circular grit trap and grit classifier in one compact, encased unit
- Integrated dewatering and compaction of the screenings; option of screenings washing
- Max. throughput 40 l/s
- Fully automatic control
- Completely made of stainless steel, pickled in an acid bath
- Small space requirement
- Option of frost-proof design down to - 25° C

Downloads

 [Brochure: COANDA Complete Plant Ro 5C](#) [pdf, 172 KB]

Design Sketch



Media



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 Micro Strainer ROTAMAT® Ro9](#)
- [HUBER Complete Plant ROTAMAT® Ro5](#)
- [HUBER Complete Plant Hydro Duct ROTAMAT® Ro5 HD](#)
- [HUBER Membrane Screen ROTAMAT® RoMem](#)
- [HUBER Pumping Stations Screen ROTAMAT® RoK4](#)

Huber Technology (Pty) Ltd

Company Reg. No.: 1992/006606/07

PO Box 9813
George, 6530
South Africa

Phone +27 44 874 4242

Fax +27 44 874 3658

huber@lantic.net

<http://www.hubersa.com>

A member of the HUBER Group
