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## HUBER Rotary Screw Thickener S-DRUM



### HUBER Screw Thickener for big wastewater treatment plants

- Sturdy, highly efficient and flexibly applicable unit

A preceding flocculation reactor with stirrer ensures a sludge flock quality that allows thickening of the stabilized flocks. The screw thickener is comprised of an inclined wedge section basket. A screw, slowly rotating with variable speed, conveys the sludge gently upward through the inclined basket. Water drains through the basket.

The degree of thickening is adjustable by means of a height adjustable weir plate in the sludge discharge and the variable screw speed. Wedge wire cleaning is performed during screw operation by means of an automatic washing system.

### Benefits

#### ADVANTAGES OF THE HUBER ROTARY SCREW THICKENER S-DRUM

- Sludge volume reduction to up to 90 %
- Sturdy design for high solids loads and coarse material containing sludge
- Maximum system availability due to the virtually wear-resistant and clog-free stainless steel wedge section basket
- No need for lubrication
- High operational reliability due to the defined discharge velocity

- Completely encapsulated, odour-free plant
- Low noise < 68 dB(A)

## Downloads

 [Brochure: HUBER Rotary Screw Thickener S-DRUM](#) [pdf, 197 KB]

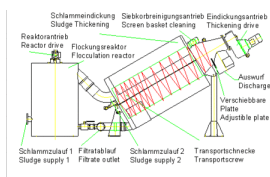
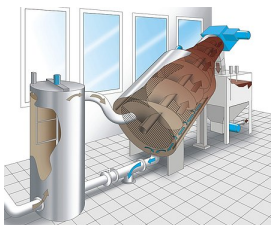
## Case Studies

- [A HUBER Technology Sludge Thickening case study](#)
- [HUBER sludge treatment plant on the Black Sea Coast](#)
- [Huber Screenings and Sludge Treatment Equipment in Northern Ireland](#)

## Downloads

 [Brochure \(US\): HUBER Rotary Screw Thickener S-DRUM \(RoS2\)](#) [pdf, 272 KB]

## Design Sketch



## Media





Video: HUBER Screw Thickener S-DRUM (RoS2) - here at a municipal WWTP

<https://www.youtube.com/watch?v=uxjMve6yi50>

### More products of this group: Sludge Thickening

- [HUBER Disc Thickener S-DISC](#)
- [HUBER Belt Thickener DrainBelt](#)

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