

[Home](#) ■ [Products](#) ■ [Sludge Treatment](#) ■ [Sludge Thickening](#) ■ [HUBER Disc Thickener S-DISC](#)

## HUBER Disc Thickener S-DISC



### Unique sludge thickener for efficient sludge treatment

- For wastewater treatment plants up to 200,000 PE

The heart of the S-DISC sludge thickener is an inclined, slowly rotating filter disc that separates flocculated sludge from filtrate. A baffle plate distributes the inflow from the flocculation reactor evenly across the entire filter radius. Flexibly supported plows divide and move the sludge layer on the disc and open up furrows so that water can easily drain through the filter cloth, thus enhancing the filtration effect. As the filter disc continuously rotates, a scraper pushes the thickened sludge from the disk. The filter cloth is backwashed with a spray bar.

### Benefits

#### ADVANTAGES OF THE HUBER DISC THICKENER S-DISC

- Sludge volume reduction up to 90%
- Extremely favourable price for quality as 80 % of the filter surface are permanently utilised
- Compact design
- Maximum system availability due to the long-life stainless steel filter cloth
- No need for lubrication

- Minimised coagulant agent consumption due to the preceding flocculation reactor and gentle sludge feeding
- Minimum control requirements
- Easy to operate
- Possibility to watch the filtration process inside the completely encapsulated unit
- Low noise < 68 dB(A)

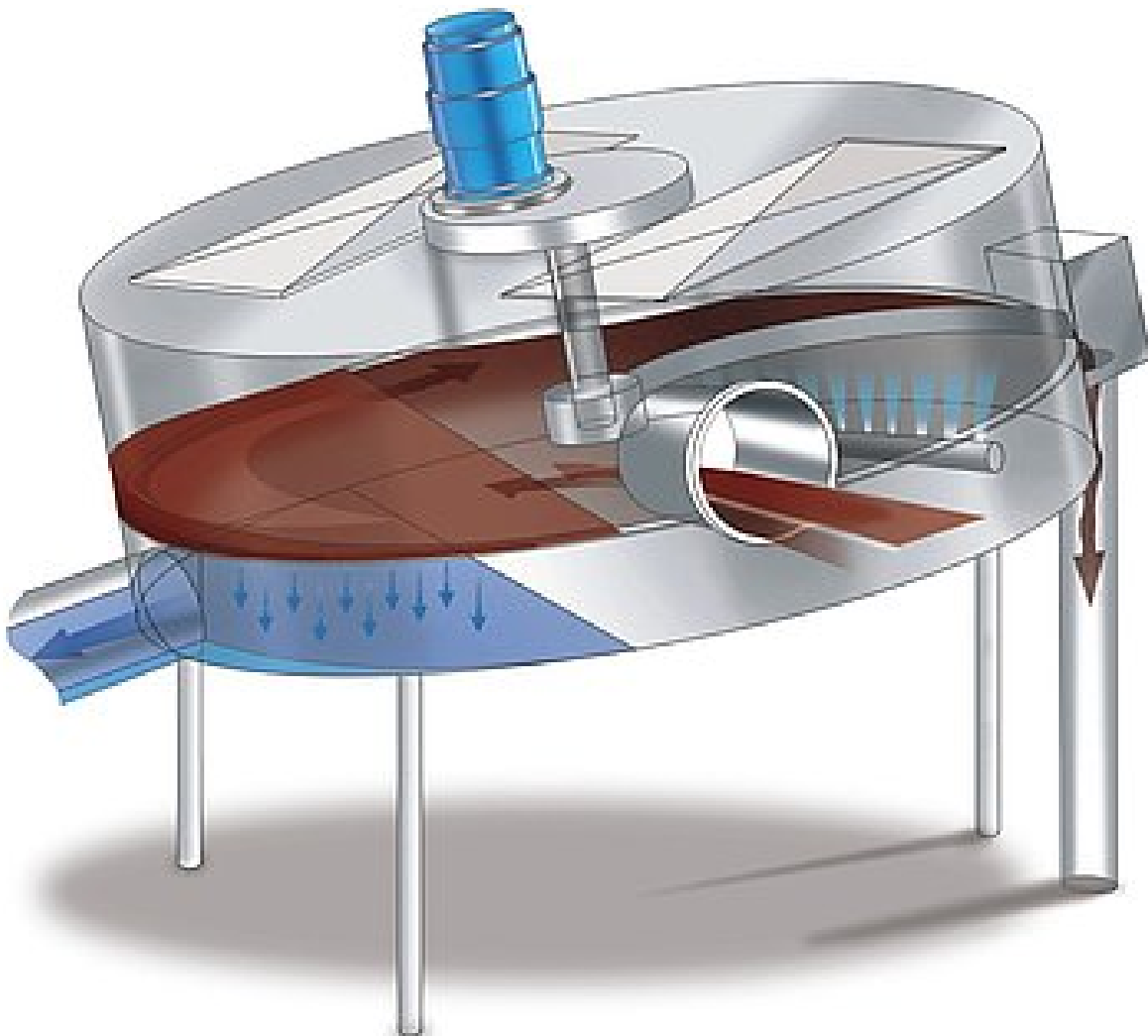
## Downloads

 [Brochure: HUBER Disc Thickener S-DISC](#) [pdf, 417 KB]

## Case Studies

- [Further orders for HUBER UK containerised Sludge Thickening S-DISC](#)
- [HUBER Technology Sludge Thickening solutions with the HUBER S-DISC](#)
- [A HUBER Technology Wastewater Case Study at Winchcombe STW for Severn Trent Water](#)
- [Milford Haven WwTW Case Study: HUBER Disc Thickener S-DISC](#)
- [Wastewater Treatment in the Dairy Industry – Development of customized solutions for direct and indirect discharge](#)
- [A Sludge Thickening Case Study: Anglian Water, Great Dunmow WRC](#)
- [Magilligan WwTW - A Wastewater Case Study](#)
- [Flexible Disc Thickener on WWTP Waging](#)
- [ROTAMAT® Disc Thickeners RoS 2S for Small Treatment Plants](#)
- [Efficient Sludge Treatment at Small Plants](#)
- [Rent wastewater technology from HUBER instead of buying – the solution for temporary bottlenecks and fast implementation](#)

## Design Sketch



Media



Video: HUBER Disc Thickener S-DISC - here at a municipal WWTP  
<https://www.youtube.com/watch?v=3B0yOFFdLyo>



Video: HUBER Disc Thickener S-DISC for thickening of excess sludge in meat processing industry  
<https://www.youtube.com/watch?v=HvwV0BaLd68>



Video: Complete wastewater treatment at the Øygarden WWTP in Norway  
<https://www.youtube.com/watch?v=KU2awn3DP68>

More products of this group: Sludge Thickening

- HUBER Belt Thickener DrainBelt
- HUBER Rotary Screw Thickener S-DRUM



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