

Thickening Drum TD

Efficient and reliable sludge thickening



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The ANDRITZ Thickening Drum TD is a rotating drum thickener for sludge used as a continuous pre-thickening unit prior to dewatering with a belt or screw press. Due to its small space requirement and low investment costs, it is an ideal alternative to belt thickeners and yields comparable performance data.

Thanks to the dynamic and effective thickening process, the possible outlet consistencies range between 8% and 20%, depending on sludge origin and composition. Up to 90% water removal can be achieved at low specific power consumption.

The TD is fully encased and equipped with an exhaust for external ventilation to minimize fumes and unpleasant odors in the surrounding area. Since the machine has an adjustable gradient, it can be preset to achieve the best possible operating/filtration conditions.



▲ ANDRITZ Thickening Drum TD (open)

Benefits

- Small space requirement due to compact machine design
- High hydraulic thickening capacity
- Continuous wire cleaning system
- Low solids load in the filtrate
- Low power consumption and operating costs
- Easy maintenance and quick wire change

Characteristics

Thickening Drum TD	TD900	TD1200
Filtration surface [m ²]	3.3	4.4
Drum diameter [mm]	900	1,200
Overall height [mm]	1,800	2,100
Overall length [mm]	4,335	4,335
Overall width [mm]	1,520	1,580
Overall weight [t]	1.4	1.9

All data subject to change



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