



ROTAMAT® Disc Thickener RoS 2S



Cost-efficient continuous sludge thickener
Combined static and mechanical thickening
Reduced coagulant agent consumption



Large volumes of

- primary sludge (mechanical screening)
- secondary sludge (activation, secondary clarification)
- tertiary sludge (precipitation, flocculation)
- digested sludge
- mixed sludge
- sludge from various industrial wastewaters
- fine particles from process water

are produced in clarification, activation and secondary clarification tanks and need thickening prior to advanced treatment.

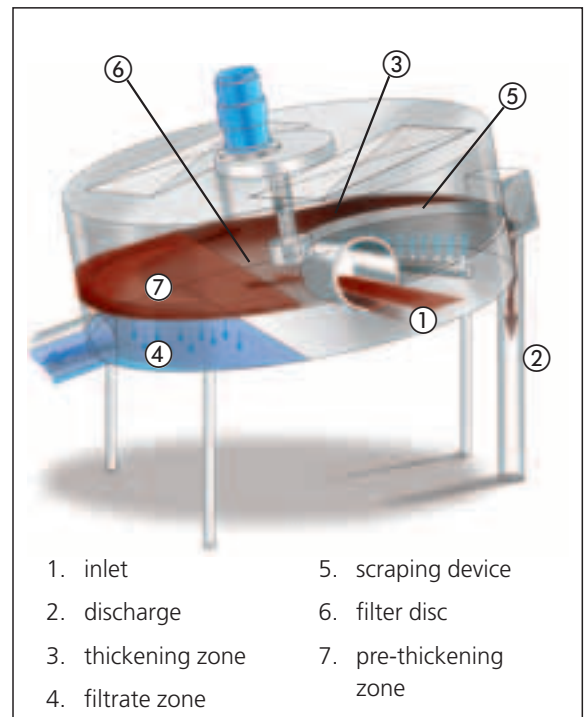
➤➤ Our solution

ROTAMAT® Disc Thickener for sewage treatment plant sizes up to 60.000 PE for effective and low-cost sludge thickening. The RoS 2S is a combination of static and mechanical thickening / filtration. A rotating filter disc separates the flocculated sludge from the filtrate. Though investment and operating costs are low, sludges with 0.5% DR can be thickened to at least 6% DR, with a coagulant agent demand of about 2 - 4 g/kg.



➤➤ Your benefits

- Sludge volume reduction by up to 90%
- Compact and closed complete system, reliable in operation
- Extremely favourable price for quality
- Controllable and adjustable high sludge concentration
- Minimum return load on the sewage treatment plant due to the clean filtrate
- Long life and corrosion resistance
- High efficiency despite low operating costs
- Short amortisation due to best economy
- Completely manufactured from stainless steel
- Reduced disposal costs for pre-treated sludge
- Easy to operate, minimum maintenance



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Subject to technical alteration

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