

ROTAMAT®

Wash Drum RoSF 9 / RoFAS



Efficient and reliable coarse material separation:

- Grit from WWTPs and sewer systems
- Road refuse and oil grit
- Septic sludge
- Industrial applications



➤➤ Design and function

RoSF 9 – the ROTAMAT® Wash Drum for separation of grit from WWTPs and sewer systems, road refuse and oil grit:

While wash water is added to pre-wash and homogenise the raw material within the ROTAMAT® Wash Drum, the perforated plate of the Wash Drum retains all particles > 10 mm, which are dewatered and then discharged into a skip. Since only coarse material > 10 mm is separated, the volume of the resultant residues is vastly reduced with virtually the complete mineral material being further treated in the down-stream COANDA Grit Washer. The resultant coarse material can then be further separated into a mineral and organic fraction by means of a coarse material washer.

RoFAS – the ROTAMAT® Wash Drum as a sludge acceptance plant

Rotating high-performance screening drum for extreme applications. Reliable, clog-free solids transport through forced guided material transport within the drum. Solids washing and dewatering by means of a subsequent screenings wash press, type HUBER WAP.

➤➤ Benefits

- High solids throughput even with problematic material (tresses, grease, stones)
- High hydraulic capacity even with high solids contents
- Defined separation size due to two-dimensional screening
- Feeding from a conveyor, through a launder channel or pressure line
- Completely encased unit
- Insensitive to coarse material
- 3 to 100 mm separation size
- Screened wastewater can be used as wash water
- Short tanker vehicle emptying times
- Optional simultaneous emptying of several vehicles
- Minimum wear, reduced maintenance
- Compact, space-saving design
- Low energy demand
- Manufactured entirely of stainless steel for maximum corrosion resistance

➤➤ Installation examples



ROTAMAT® Wash Drum for washout and separation of all coarse material > 10 mm



50 l screenings removed per rotation

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Subject to technical modification

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