

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 > 3/8" (10 mm), which are dewatered and then discharged into a skip. Since only coarse material > 3/8" (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
- 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 > 3/8" (10 mm)



Up to 2 ft³ screenings removed per rotation

HUBER TECHNOLOGY, Inc.

9805 NorthCross Center Ct.
Suite H
Huntersville, NC 28078

Phone: (704) 949 - 1010

Fax: (704) 949 - 1020

huber@hhusa.net

<http://www.huber-technology.com>

Subject to technical modification

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