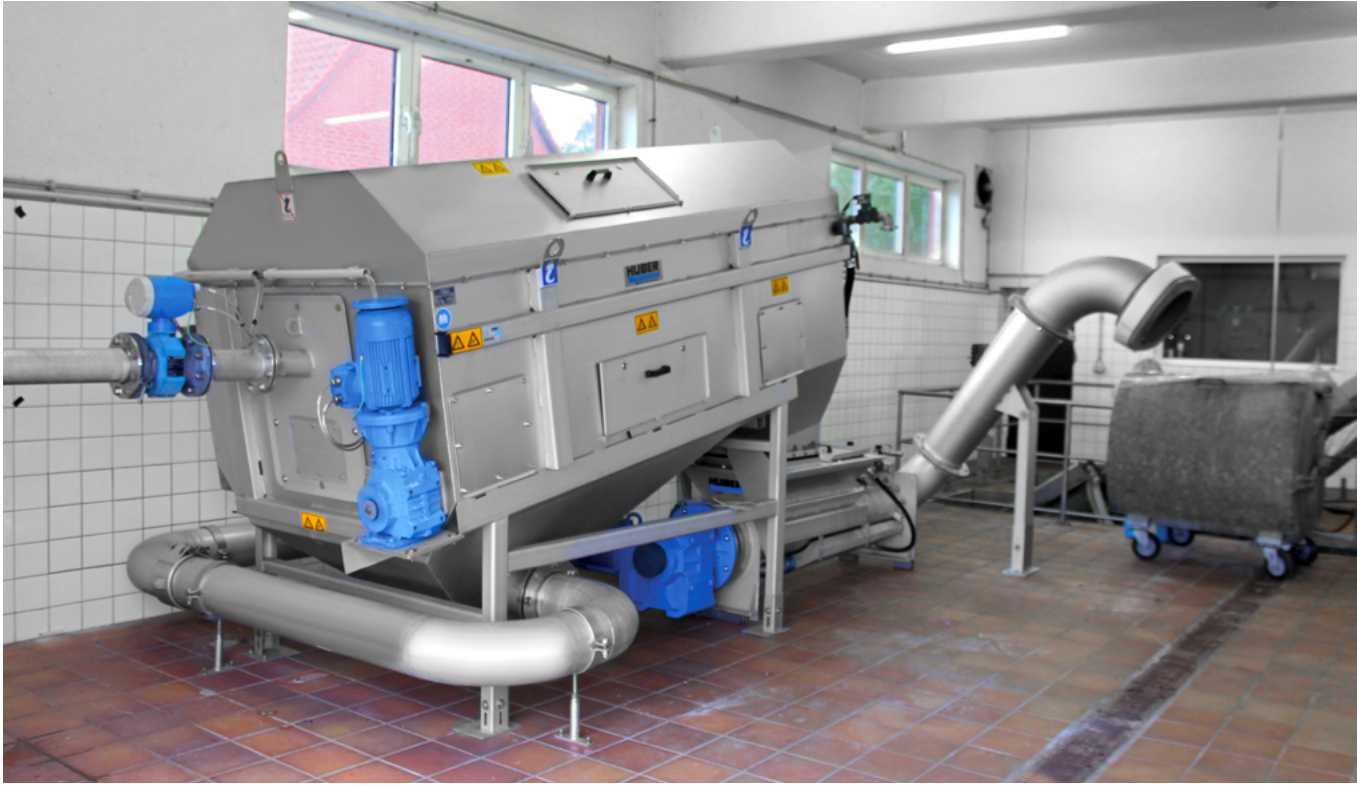




HUBER Wash Drum RoSF9 HUBER Sludge Acceptance Plant RotaShield®

Wash drum for efficient and safe separation of coarse material

- ▶ Reliable and efficient coarse material separation
- ▶ Defined separation size due to two-dimensional screening
- ▶ Can be used as a sludge drum
- ▶ Can be used as a washing drum in a grit treatment plant

More information,
downloads and
current news



Design and function

HUBER Wash Drum RoSF9 for separation of grit from WWTPs and sewer systems, road refuse and oil grit:

The supplied raw material is initially homogenised and softened in the HUBER Wash Drum RoSF9. Subsequently all components smaller than the separating size are washed out using wash water. Coarse material larger than the separation size is retained using the perforation, statically dewatered and discharged into a provided container. Since only coarse material > separation size is separated, the volume of the resultant residue is vastly reduced with the complete mineral material being further treated.

HUBER Sludge Acceptance Plant RotaShield®

The raw material is usually fed into the screen drum using a pipeline. The rotating, high-performance screen drum softens the solids in the sewage sludge and separates coarse from fine components with your perforated drum. The addition of washing water through the spray nozzle bar ensures efficient cleaning of the screen surface for maximum discharge capacity. This machine works reliably, even in very difficult sewage sludge use cases.

Advantages

- ▶ 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
- ▶ Solids throughput up to 6m³/h
- ▶ 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 unit
- ▶ Low energy demand
- ▶ High corrosion resistance

Installation examples



HUBER Wash Drum for washout and separation of all coarse material > 10 mm.



50 l screenings removed per rotation.

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