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HUBER Circular Grit Trap HRSF



- High grit separation efficiency through tangential wastewater inflow
- Optional with integrated grit classifying screw
- Compact, space-saving unit
- Concrete or stainless steel tank design

Separation of the grit particles in the HUBER Circular Grit Trap HRSF is supported by the rotational motion of the wastewater. The separation effect is generated by overlapping of the vertical downward motion and a developing centrifugal force acting on the individual grit particles. The inner tank surface serves as the separation area.

To increase the separation area, the HUBER Circular Grit Trap HRSF has an additional separation cone for a reliable maximum separation performance. For improved separation of organics from grit, the option for air intake via an aeration system is provided. Organic components are kept floating and are discharged with the water flow above the separator cone.

The separated solids are removed from the plant either directly by means of an integrated classifying screw, or pumped into a grit classifier.

The layout of the HUBER Circular Grit Trap HRSF was made on the basis of numeric design engineering and tested and verified under practical conditions in collaboration with the German test institute LGA.

Benefits

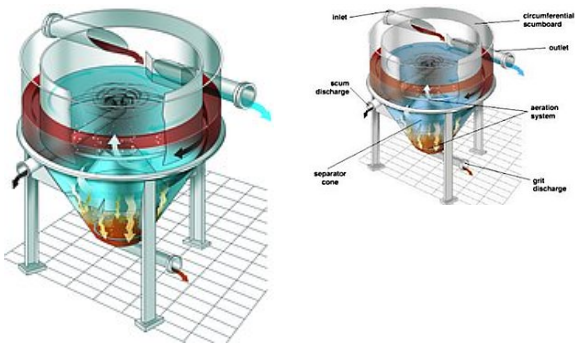
THE ADVANTAGES OF THE HUBER CIRCULAR GRIT TRAP HRSF

- Maximum separation efficiency due to additional separation area (separator cone)
- Compact, space-saving unit
- Completely made of stainless steel
- Maximum corrosion protection through acid treatment in a pickling bath
- With integrated grit classifying screw
- Optional concrete tank design
- Optional with scum separator and aeration

Downloads

 [Brochure: HUBER Circular Grit Trap HRSF](#) [pdf, 370 KB]

Design Sketch



Media



More products of this group: Circular Grit Traps

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Adresse / address: HUBER SE · Industriepark Erasbach A1 · 92334 Berching · Germany · Telefon / phone: + 49 - 84 62 - 201 - 0 · Fax / fax: + 49 - 84 62 - 201 - 810
e-mail: info@huber.de · Internet: <http://www.huber.de>

Sitz der Gesellschaft / Headquarters: Berching · AG Nürnberg / Register of companies: HRB 25558
Vorstand / Board: Georg Huber (Vorsitzender / CEO), Dr.-Ing. Oliver Rong (stellvertretender Vorsitzender / Vice CEO), Dr.-Ing. Johann Grienberger, Rainer Köhler
Aufsichtsratsvorsitzender / Chairman of the Supervisory Board: Alois Ponnath

USt (VAT)-IdNr.: DE 812353219

Bank: HypoVereinsbank Nürnberg (BLZ 760 200 70) 5 008 409 · SWIFT-BIC: HYVEDEMM460 · IBAN: DE 30 7602 0070 0005 0084 09

