

HUBER

TECHNOLOGY

WASTE WATER Solutions

Huber Septic Sludge Acceptance RoFAS



Solution for septic sludge applications with problematic material?



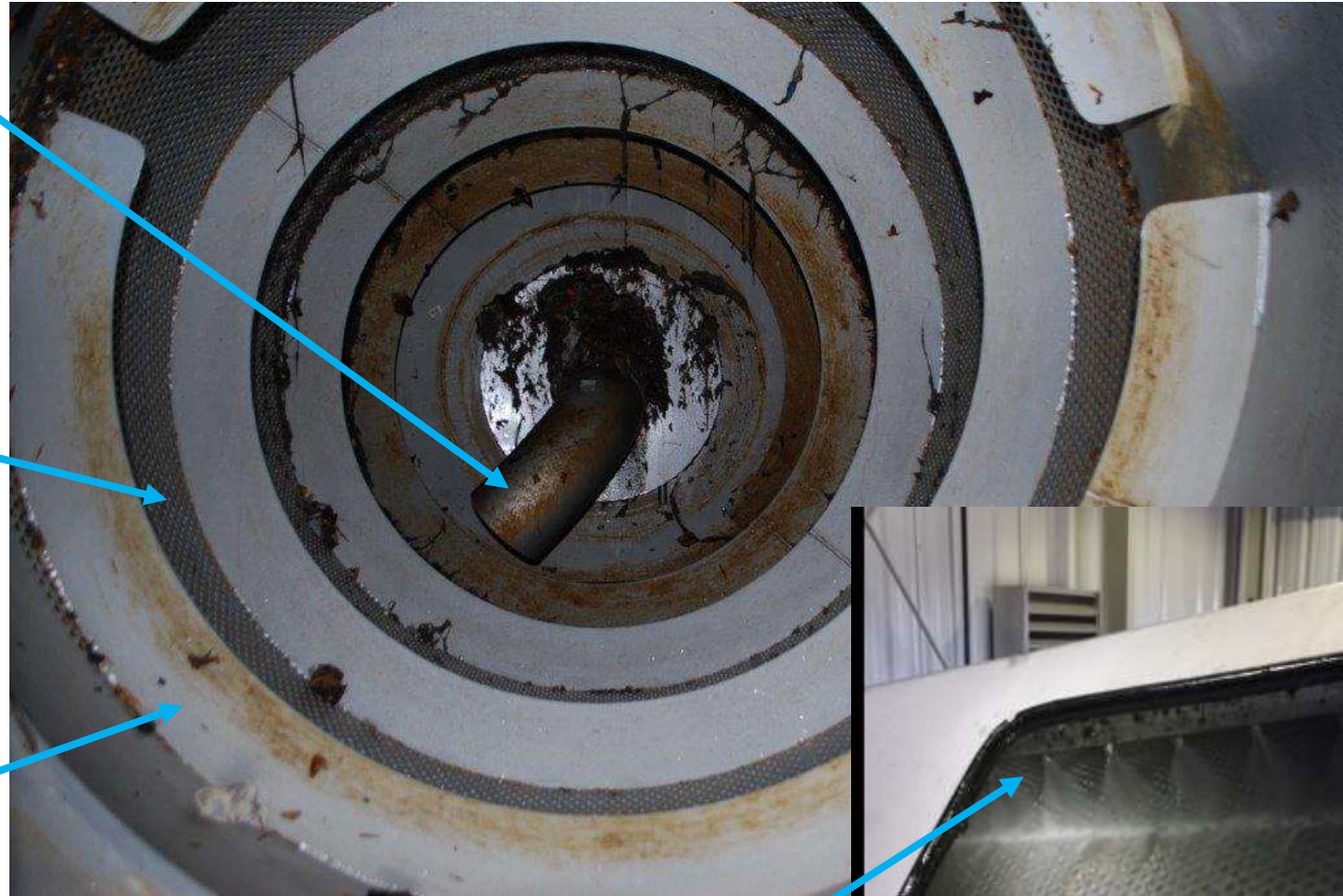
**Best solution for problematic material → Huber
sludge acceptance plant RoFAS**

How does this solution work?

Inlet-pipe for raw material

Rotating perforated drum for screening

Archimedes screw for controlled transport of coarse material



Cleaning of perforation by an outer spray bar system



RoFAS – What do I get from that?



Effective 2-dimensional screening by usage of a rotating perforated drum (6 – 20 mm)

RoFAS – What do I get from that?



Wear- and blockage-free transport of material by a welded Archimedes screw

RoFAS – What do I get from that?



Modular design for different demand – can be executed with a wash press, transport screw, grit trap etc.

RoFAS – What do I get from that?



Complete encapsulated system to avoid direct contact to aerosols

RoFAS – What do I get from that?



Efficient and maintenance free cleaning of the perforation using a spray bar system

RoFAS – Keyfacts

RoFAS size	0.5	1	2
Diameter of the drum [mm]	900 mm	1200 mm	1600 mm
Max capacity [m ³ /h] ¹⁾	100	200	300
Perforation [mm]	Between 6 mm – 20 mm		
Water demand [m ³ /h] ²⁾	4.6	7.2	9.7
Number of spray bars	1		
Inletpipe (standard) ³⁾	DN 100 / DN 200		
Outletpipe (standard) ³⁾	DN200 / DN 300		
Optional components	Overflow protection / Wash press / grit trap / stone trap / pH-, conductivity and flow measurement		

1) Dependent on solid content, viscosity and perforation of the drum

2) For a pressure of 4 bar (a higher pressure will lead to a higher water demand)

3) Increased size on demand

RoFAS – Only local demand?



More than 130 applications in over 22 countries

RoFAS – Impressions



Ecua Florida USA:

- 2 X RoFAS size 1 10 mm with WAP 6 incl. grit trap for up to 200m³/h per line
- Treatment of problematic material coming from kitchen etc.

RoFAS – Impressions



Cavenago Italy:

- RoFAS size 0.5 10 mm with WAP 4 for up to 100 m³/h
- Treatment of problematic material with a high content of stones etc.

RoFAS – Impressions



Perstop Sweden:

- RoFAS size 1 10 mm with WAP 4 for a treatment up to 200 m³/h
- Solution in a container

RoFAS – Impressions



Kalithi Ethiopia:

- RoFAS size 1 10 mm with a conveyor for treatment up to 200 m³/h
- Feeding by acceptance hoppers and gravity

RoFAS – Impressions



Ljubljana Slovenia

- RoFAS size 2 10 mm with a WAP 6 for treatment up to 300 m³/h
- Possibility to for unloading of up to 2 trucks at once
- Flow- pH- and conductivity- measurement

RoFAS – and many more....



Lenhova Sweden



Dobbertin Germany



Salem US



Perth Australia



Pertusella Italy

Thank you for your attention!

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