

HUBER Systems Concept for Septic Sludge Treatment



The Systems Concept

- 1 septic sludge feeding
- 2 [ROTAMAT® Sludge Screening Plant Ro 3.3](#) - sludge receiving incl. grit separation
- 3 washed and compacted screenings
- 4 classified grit
- 5 pre-treated septic sludge
- 6 septic sludge storage tank with mixer
- 7 flocculation reactor
- 8 [ROTAMAT® Screw Press RoS 3](#) - sludge dewatering
- 9 dewatered sludge
- 10 filtrate
- 11 HUBER Membrane Bio-Reactor System
- 12 denitrification tank with propeller mixer
- 13 aeration tank with air diffusers
- 14 air blower
- 15 HUBER Vacuum Rotation Membrane VRM® Bioreactor
- 16 scouring air blower
- 17 permeate pumps
- 18 clean, disinfected and reusable permeate effluent
- 19 return sludge
- 20 surplus sludge
- 21 stainless steel HUBER Stairs and Catwalk

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