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## HUBER Systems Concept for Septic Sludge Treatment



### The Systems Concept

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

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