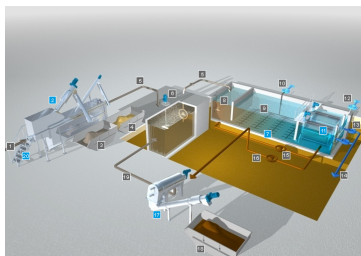


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## Systems Concept for Semi-Centralized Wastewater Treatment



### The Systems Concept

- |  |   |
|--|---|
| 1 wastewater inflow  | 11 HUBER Vacuum Rotation Membrane VRM® Bioreactor         |
| 2 <b>ROTAMAT® Complete Plant Ro 5</b> - complete mechanical wastewater pre-treatment | 12 scouring air blowers                                   |
| 3 washed and compacted screenings  | 13 permeate pumps   |
| 4 classified grit  | 14 clean, disinfected and reusable permeate effluent      |
| 5 pre-treated wastewater   | 15 return sludge  |
| 6 wastewater storage tank with mixer   | 16 surplus sludge   |
| 7 HUBER Membrane Bioreactor  | 17 <b>ROTAMAT® Screw Press RoS 3Q</b> - sludge dewatering |
| 8 denitrification tank with mixer  | 18 dewatered sludge                                       |
| 9 aeration tank with air diffusers   | 19 filtrate   |
| 10 aeration air blower   | 20 stainless steel HUBER Stair and Catwalk                |

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