



ABZ Kompakta[®] MINI

The Sieving Unit for Small Sewage Treatment Plants

- For fine screening of waste water
- Choice of perforation (standard 5 mm)
- High efficiency
- Brushless operation
- Integrated screenings press
- Integrated screenings washing
- Integrated emergency overflow
- Small footprint
- No smell nuisance
- Encapsulated design
- Robust technique

Process Description

Even for small waste water treatment plants efficient screening equipment is indispensable to guarantee the function of the down stream process stages. Especially for these applications the ABZ Kompakta® MINI has been developed.

This screening unit meets all modern requirements such as compactness, encapsulated design, high discharge capacity and screenings dewatering in one system.

Central significance during development was taken on utmost low wear and high operational safety. Therefore, within this unit the sieve basket is cleaned without high wear brushes.



Function

The contaminated waste water flows via the inlet chamber into the rotating sieve basket. The solids are retained at the inner surface of the sieve basket. Then, they are conveyed by an in-board screw to the compaction zone where the solids are dewatered and compacted.

The solids are discharged via a variable discharge pipe into a container. Optionally, the discharge can be equipped with a bagging device. The ABZ Kompakta® MINI can either be fed by pumps or gravity flow. In case of an operational breakdown (e.g. power blackout) the waste water may run off through the integrated emergency overflow.



Design and Material

Basic body completely made of stainless steel AISI 304 or AISI 316 Ti/L, welded under protection gas, pickled and passivated. Screw made of special steel, gear motor with double coating. lackiert.

