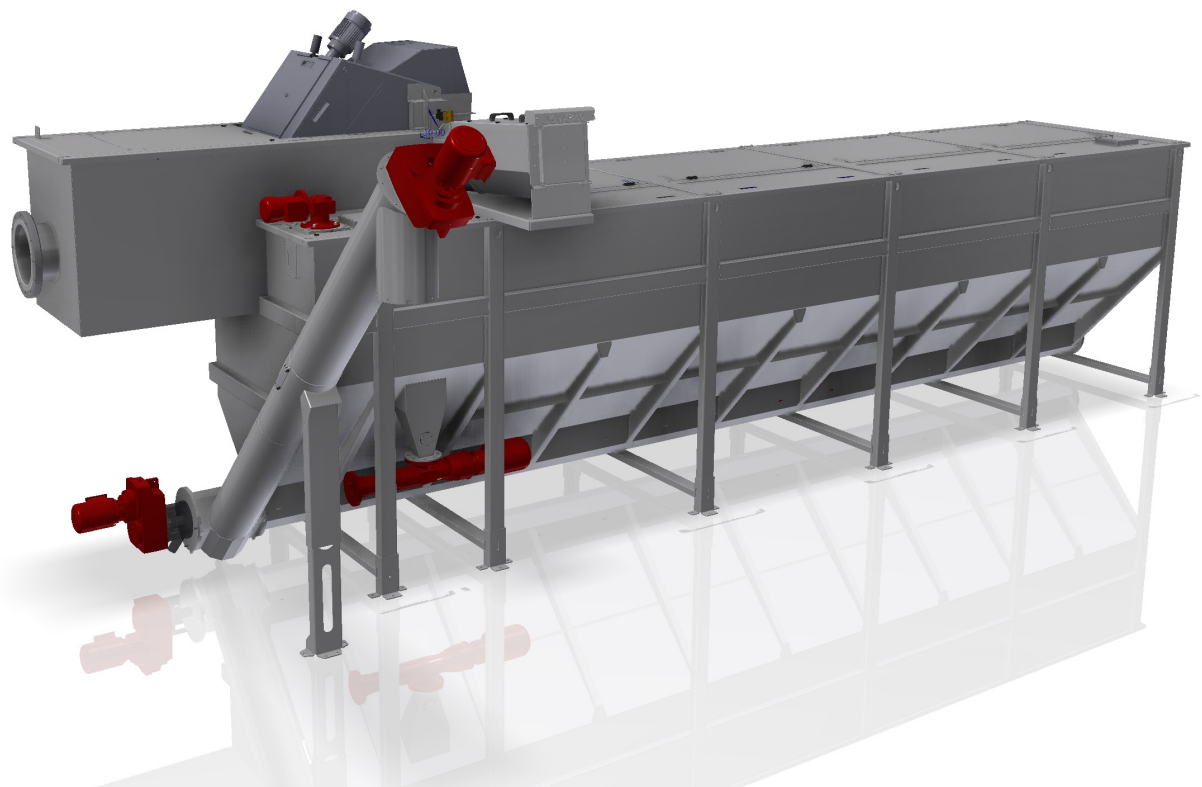


MCU

Combi Unit in Stainless Steel



Main areas of use and features

- Solids separation
- Washing and dewatering
- Sand separation
- Grease separation
- Capacity from 10 l/s to 300 l/s
- High finish guarantees a long life time

MCU COMBI UNIT

Area of use

Meva Combi Unit MCU is used for mechanical pre-treatment at municipal and industrial waste water treatment plants. All treatment steps are integrated in one steel tank. Meva MCU is available in models with capacities from 10 l/s up to 300 l/s. The unit consists of well-known and reliable Meva products such as Rotoscreen, Monoscreen and Screw Wash Press.

The waste water can be fed to the unit either by gravity or by pumping. Meva MCU is suitable for installation indoors as well as outdoors.

Function

The waste water is led to a fine screen where the mechanical separation of solids takes place. In the screw wash press, the screenings are washed, dewatered and pressed. Treated screenings are led to a container either by Meva Counter Pressure Screw or a pipe system.

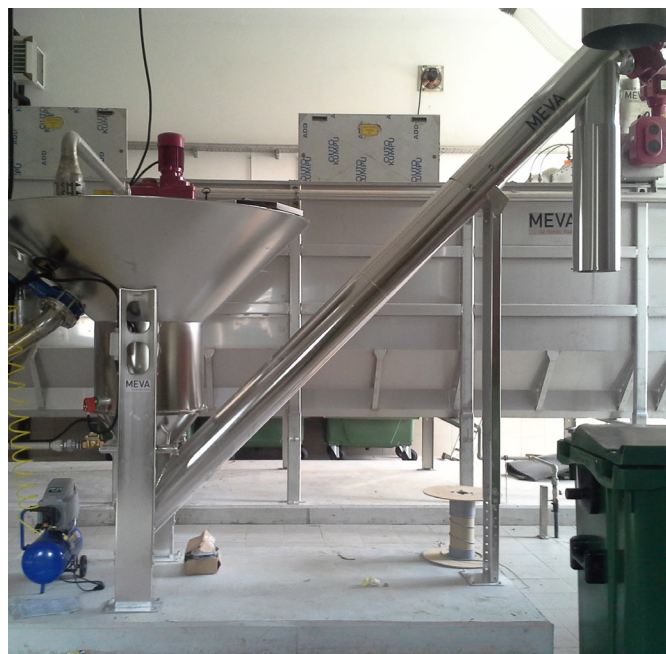
Sand that has not been removed by the screen is separated in the sand trap. An aeration system can be added to the unit as well as a scraper system for grease removal. The sand is transported by a bottom conveyor to a discharge conveyor or a sand pump.



Electric control is automatic and regulated by the water level, except for the grit trap which is regulated by timers. The screen tank is equipped with an emergency overflow weir.

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- Sand separation
- Grease separation
- Capacity from 10 l/s to 300 l/s
- High finish guarantees a long life time



MCU with sand pump combined with the Meva SWA sand washer



View of the inside



The robust combi unit can be installed indoors or outdoors

Technical Specification

