

## SWA Sand Washer in Stainless Steel



### Main areas of use and features

- Efficient washing
- Re-use of washed sand
- Reduction of organic content
- Ignition loss 1-5%
- DS contents >90 %
- Decreased disposal costs
- Capacity up to 28l/s
- High finish guarantees a long life time

# SWA SAND WASHER

## Area of use

Meva Sand Washer SWA is designed to dewater and to wash sand from sedimentation tanks.

In traditional sedimentation tanks and grit separators, no controlled separation of organic and inorganic materials takes place. As a result, the organic content of the material caught in the sedimentation tank often amounts to 30-80%. Meva SWA reduces the organic content in the sand to an end product with an ignition loss of 1-5%, a level that is prescribed internationally.

The operation-related advantages are, apart from substantially smaller amounts of sand, a better working environment and decreased transportation and disposal costs.

## Function

Water, sand and organic material (sand mix) are pumped from the sedimentation tank to the sand washer through the inlet. The inlet is placed at the top of the SWA. Due to the flow conditions in the conical tank, sand and organic material are separated from the sand mix. The water is discharged through the outlet at the top.

The organic content is washed out by the integrated flushing system. The washed out organic content is discharged through the organic outlet. An agitator improves the cleaning process during filling and washing. When the preset sand level is reached, the sand screw starts. The washed sand is dewatered during the transportation to the sand discharge.



## Meva Sand Washer SWA:

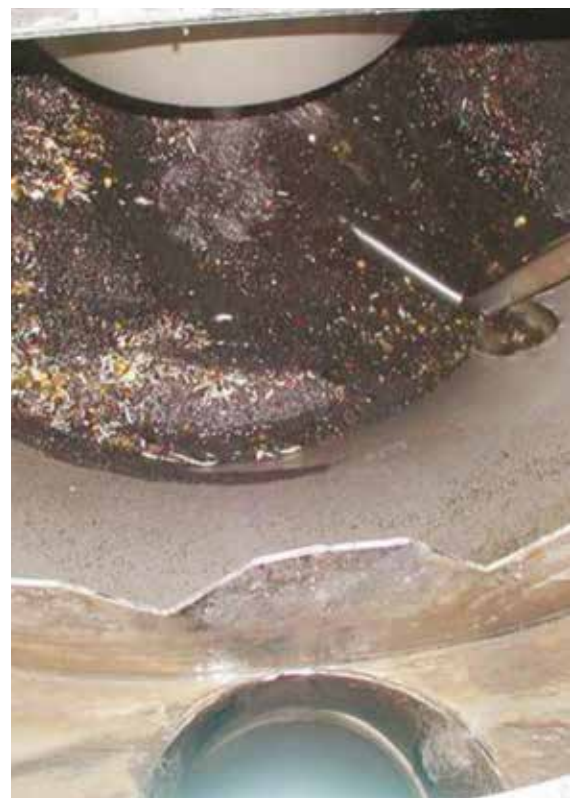
- Efficient washing
- Re-use of washed sand
- Reduction of organic content
- Ignition loss 1-5%
- DS content > 90%
- Decreased disposal costs
- Minimization of odour problems
- High finish guarantees a long life time



The high finish guarantees a long life time



End product - DS content > 90%  
- Ignition loss < 5%



Inside the Sand Washer

# NORDIC WATER

MEVA