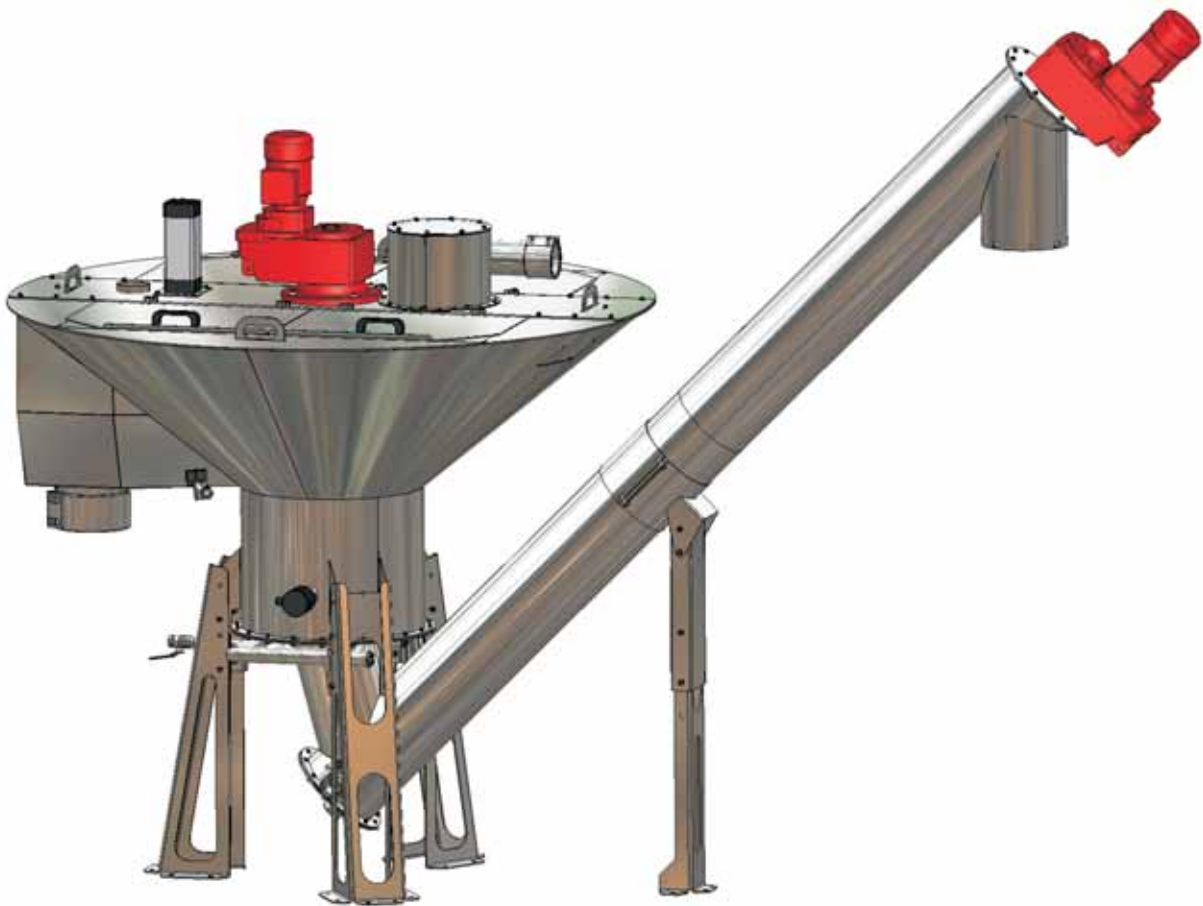


# SWA

Sand washer in stainless steel



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



# SWA

## Sand washer in stainless steel

### Area of use

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

In traditional sedimentation tanks, no separation of organic and inorganic materials takes place. As a result, the

### 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 tank. Due to the flow conditions in the conical tank, sand and organic material are separated from the sand mix.



organic share of the material caught in the sedimentation tank often totals up to 30-80%. MEVA SWA reduces the organic content in the sand to an end product with an ignition loss of 1-5%. This level 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.

The water is discharged through the outlet at the top of the cone.

The major part of the organic content is washed out by the integrated flushing system. The washed out organic content is discharged through the organic outlet. An agitator increases the separation 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

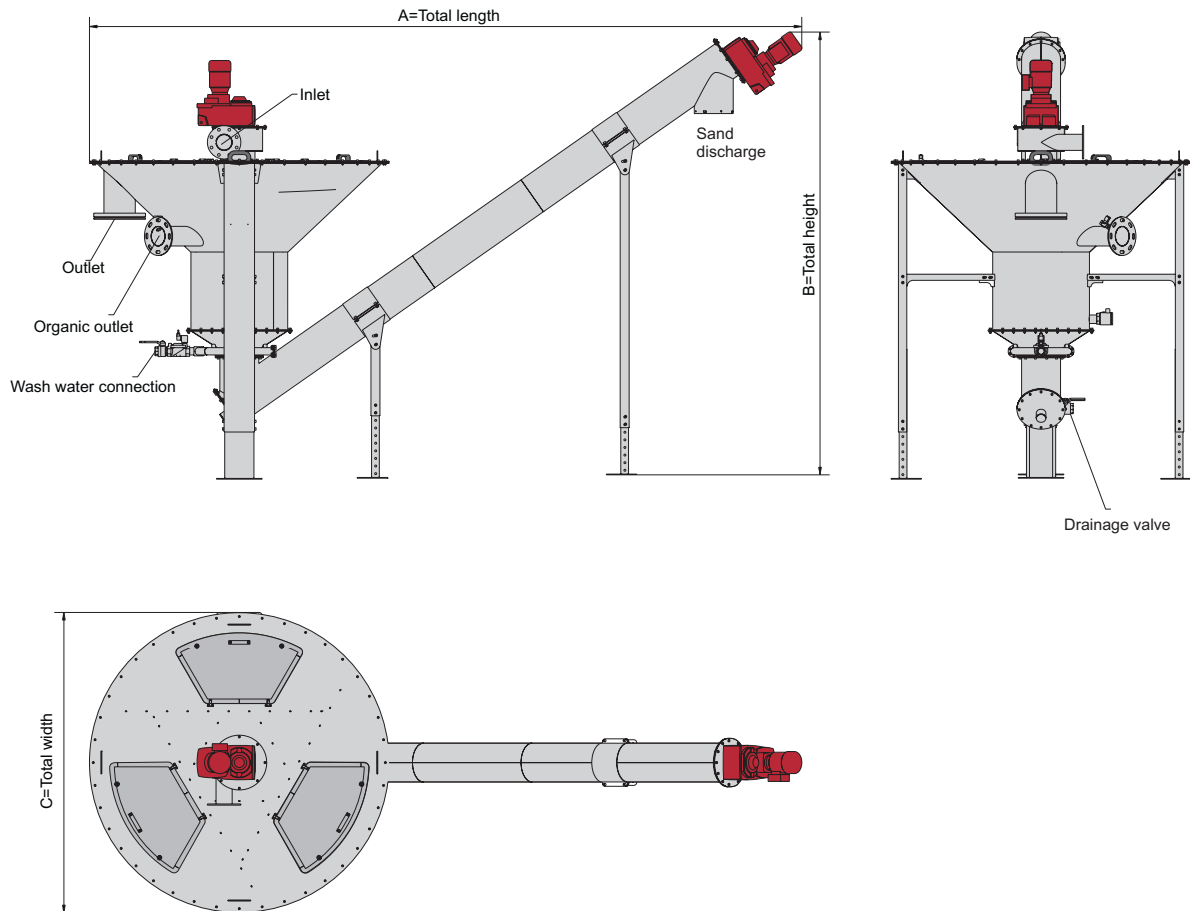


Inside the Sand Washer



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





	SWA 9	SWA 12	SWA 14	SWA 21	SWA 28
Capacity sand/water (l/s)	7-9	8-12	10-14	13-21	20-28
Max sand outtake (m <sup>3</sup> /h)	0,3	0,5	0,3	1	1
Motor agitator/screw (kW)	0,37/0,55	0,37/0,55	0,37/0,55	0,37/1,1	1,1/1,1
Total length (mm) A	3359	4212	3614	4446	6160
Total height (mm) B	2482-2582	3198-3448	2680-2776	3204-3354	3085-3585
Total width (mm) C	1613	1900	1913	2330	2250
		<b>SWA 12 XG</b>		<b>SWA 21 XG</b>	<b>SWA 28 XG</b>
Capacity sand/water (l/s)		8-12		13-21	20-28
Max sand outtake (m <sup>3</sup> /h)		1		3	3
Motor agitator/screw (kW)		0,37/1,1		0,37/1,1	1,1/1,1
Total length (mm) A		4210		4600	5313
Total height (mm) B		3214-3414		3254-3454	3262-3762
Total width (mm) C		1900		2330	2250

XG = Model with larger sand screw for a higher grit removal capacity

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