

Waste Water Treatment

WASTEMASTER CT

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Description ▼

The WASTEMASTER CT Screw Screen consists of a tubular screen equipped with a screw in SINT® engineering polymer. WASTEMASTER CT is an inclined, almost vertical, screw screen suitable for small flow rates in pit application. Due to the steep angle of installation the machine can be fitted in very small pits or in any application in which very low flow rates of waste water have to be handled, as for small industrial applications, hotels, resorts, or car washes. An interesting application is for mechanical pretreatment in small container waste water plants, via direct feeding through a submersible pump or directly flanged to the sewage pipe. Generally WASTEMASTER CT is suitable for applications with modest flow rates in reduced spaces.

Function ▼

The screen basket is directly connected through a flange to the sewage pipe. The screen holds back solids only. The internal part of the screen is continuously cleaned by a specially designed screw in SINT® engineering polymer. As the water runs through the screen the spiral conveys the solids up towards the discharge outlet.

Application ▼

In-pit Screw Screen application for solids removal in municipal or industrial waste water plants

Benefits ▼

- ✓ Long-life SINT® engineering polymer screw for high extraction efficiency;
- ✓ No brushes;
- ✓ Low weight;
- ✓ One-piece tubular design;
- ✓ No internal bearings;
- ✓ Low investment and maintenance costs.



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Technical Features / Performance ▼

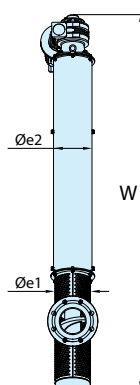
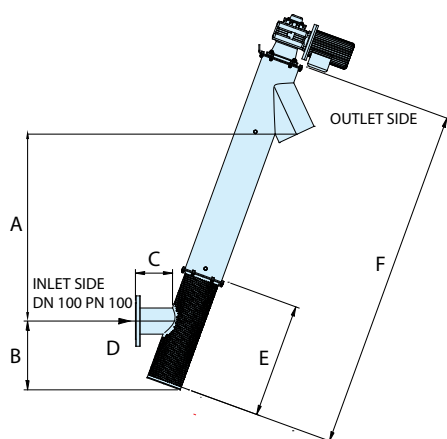
- ▶ Fabricated parts in 304L or 316L SS
- ▶ Screw in SINT® engineering polymer
- ▶ Flow rates up to 10 l/s
- ▶ Screen mesh size:

Flow Rate l/sec		
Model CT/CTC	Round Holes (mm)	
	2	5
l/s	5	10

- ▶ Screen inlet DN 100 PN 10
- ▶ Weight less than 30 kg

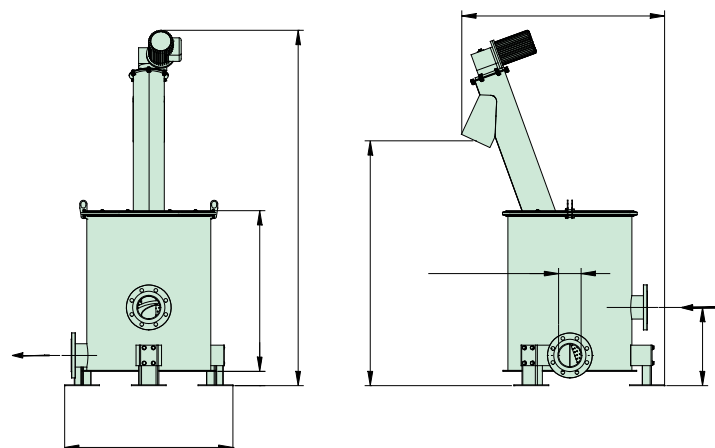
Overall Dimensions ▼

CT



Dimensions (mm)								
A	B	C	D	E	F	W	Øe1	Øe2
815	300	162	110	500	1,500	1,638	168	156

CTC



Dimensions (mm)								
A	B	C	D	E	F	W	Øe1	Øe2
1,200	385	825	DN 100	785	995	1,740	168	156

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