

Waste Water Treatment

Rotary Drum Screen

WASTEMASTER FTR

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Description ▼

WASTEMASTER FTR is a rotating drum screen designed to combine the separation of the solids present in the effluents to the compaction and de-watering of the screenings so obtained. It consists of a rotating drum screen basket, a screw conveyor (with SINT® self cleaning drainage liner) and, as an option, a compacting module.

Function ▼

WASTEMASTER FTR is a space-saving machine that combines multiple functions in one machine only: screenings separation, drainage, transport and compaction.

Depending on the screen size of the drum and screen mesh dimensions, there can be obtained a flow rate up to 2,000 l/s.



Application ▼

WASTEMASTER FTR has been developed for high waste water flow rate applications that require reduced overall dimensions. Based on these requirements, SPECO® has developed a large screening surface machine that ensures high flow rate. Furthermore, the process has been optimized through the introduction of a special single motor transmission both for the rotary basket and the screw conveyor.

Benefits ▼

- ✓ High flow rates;
- ✓ No material stagnation at the inlet;
- ✓ SINT® liner and jagged flight for high removal rate of difficult materials such as fibers;
- ✓ Single drive unit for a low energy consumption.



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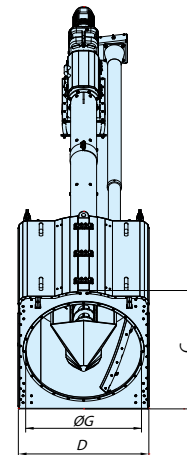
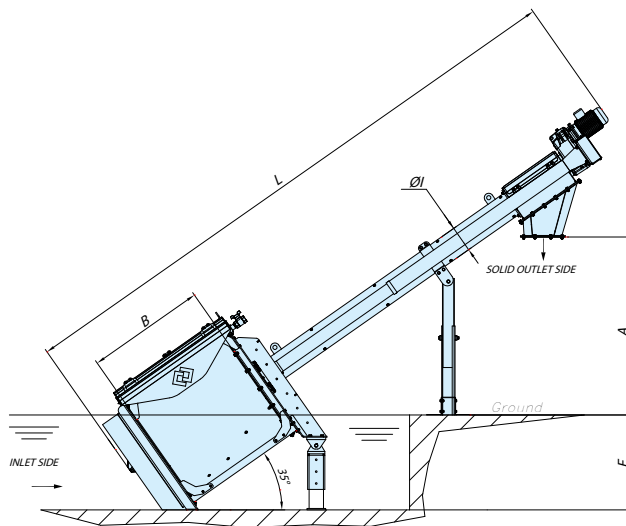


Technical Features / Performance ▼

- ▶ Free inlet spout
- ▶ Self-cleaning drainage liner in SINT®
- ▶ Self-supporting drum and extracting screw
- ▶ Different mesh size and flow rate

Overall Dimensions ▼

Size	Flow Rate l/sec				
	Round Holes (mm)				
	2	3	5	6	10
800	75	120	130	140	210
1000	130	170	200	210	250
1200	180	240	270	280	305
1400	300	350	400	420	530
1600	410	500	575	620	920



Size	A	B	C	D	F	ØG	ØI	L
800	1,500	800	1,000	900	600	800	219	5,000
1000	1,500	1,000	1,200	1,100	800	1,000	219	5,300
1200	1,500	1,200	1,400	1,300	1,000	1,200	323	5,600
1400	1,500	1,400	1,600	1,500	1,200	1,400	323	6,000
1600	1,500	1,600	1,800	1,700	1,300	1,600	323	6,200

Dimensions in mm

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