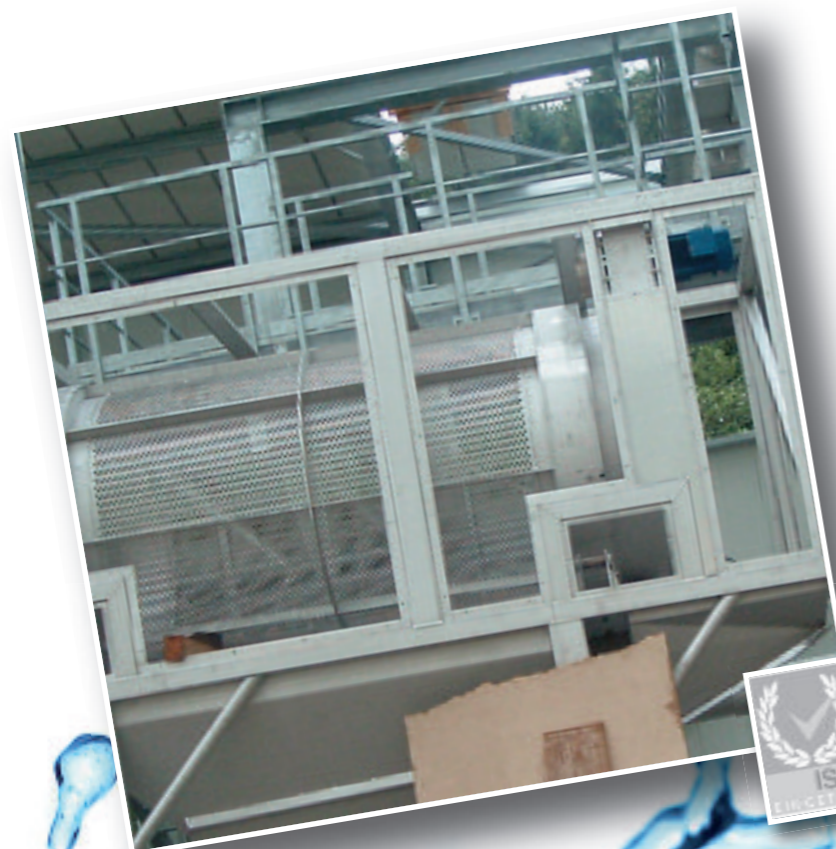




**FSM Frankenberger
GmbH & Co. KG**

Equipment for Water
and Waste Water
Inlet Works



Drum Screen



FSM Frankenberger GmbH & Co. KG
Vor dem Hohen Stein 1 · D-35415 Pohlheim/Garbenteich
Tel. +49 (0) 06404-9194-0 · Fax +49 (0) 06404-9194-91
info@fsm-umwelt.de · www.fsm-umwelt.de

FSM drum screen



Functional principal

The drum screen can be charged via feed pipe, free flow supply or screw conveyor. Material which does not pass through the perforations remains in the screening drum in accordance with hole size. A line of nozzles assists separation of small matter from large matter and washes off e.g. adhering grit. Washed off matter flows through the perforations with the wash water and passes to a collection tank from which it can be fed to a further treatment stage.

If desired by customer, the screening drum can be provided with a series of perforations of differing sizes. This enables various fractions with different grain sizes to be obtained.

The FSM drum screen can be used either as a screening unit, or to separate trash in a road sweepings installation or as a pre-separator in a grit wash separator. The dimensions of the screening unit depend on the throughput and the composition of the screenings. The FSM drum screen combines high performance with low maintenance costs.

Features:

- High reliability through robust construction
- Screenings can be conveyed or pumped into the screening unit
- Application as pre-separator of organic matter in grit wash separator installations or sizing unit.
- Extends use of grit reception station to road sweepings reception station
- Excellent performance/price ratio
- Low maintenance costs
- Can be used outdoors and for operation in winter
- Easy retrofitting to suit changed operating conditions
- Machine completely hygienically encapsulated
- Proven in international operation



Applications in municipal and industrial clarification plant

- Grit treatment
- Sewer grit reception station
- Road sweepings reception station
- Screening unit for small throughputs
- Solid/liquid separation
- Separation of various grain sizes

Industrial applications

- composting installations, disposal of waste products, household and industrial refuse, garden refuse and compost, seepage water treatment
- Screening unit for small throughputs
- Solid/liquid separation
- Separation of various grain sizes



Dimensions:

Length/width/height	on request
Diameter	500 mm - 2.000 mm, other sizes on request
Throughput	on request
Perforation	2 mm up to 40 mm, other sizes on request

Material/make:

Machine frame	stainless steel SS304 or SS316, other materials on request
Drum	stainless steel SS304 or SS316, other materials on request
Covers	stainless steel SS304 or SS316 and PE
Drives	geared motors, make SEW