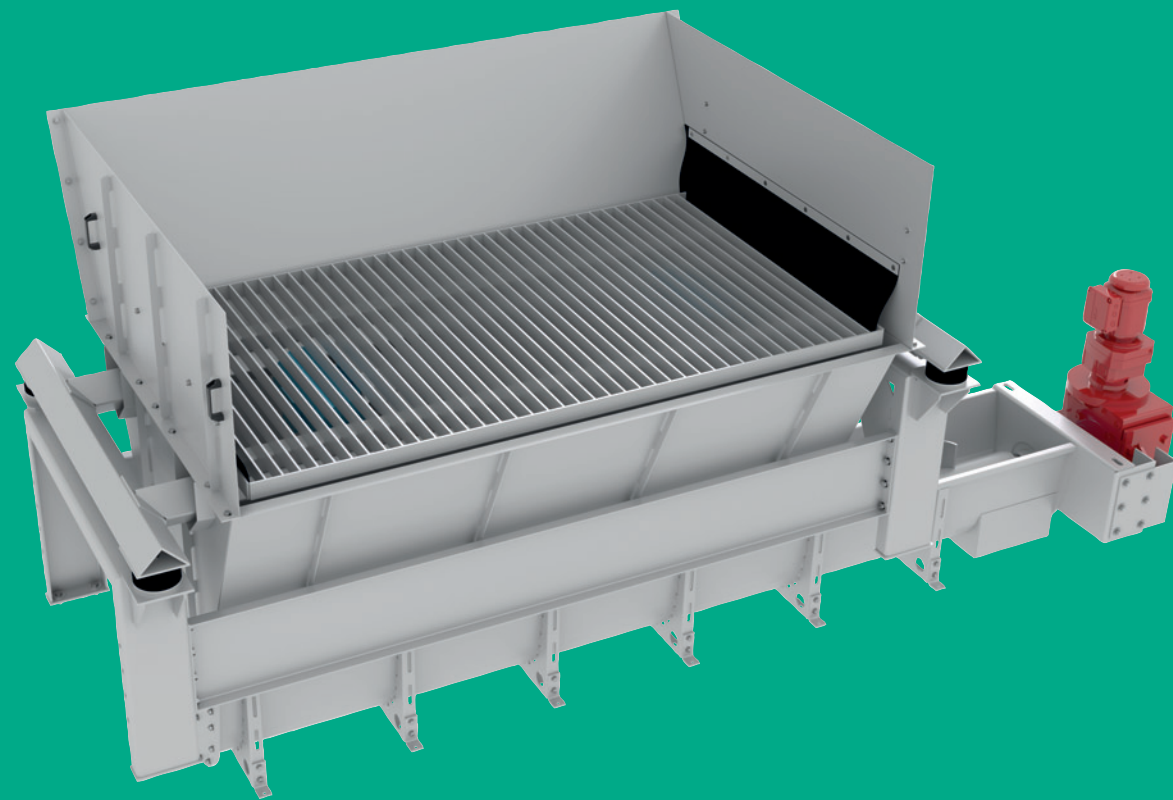


Grit Receiving Station

Request for
Quote



Specialized in environment
Technology since **1970**

Functionality of the Grit Receiving Station:

Grit material is delivered via suction truck or similar and tipped through the screening grid into the bunker. The screening grid is designed either as a fixed rack or a vibrating screen. The material is fed via a screw conveyor either to a pumping pit or directly to a grit wash separator. The grit wash separator separates the organic and mineral contents and discharges the washed grit in the required quality in accordance with prescription.

As an option, a screening drum can be fitted between the reception bunker and the grit wash separator. This enables the grit reception station to deal with road sweepings. With the help of the screening drum, coarse material is separated from grit.

The grit gathers in a collection vessel together with spray water from the screening drum. The grit/water mixture is fed to a grit wash separator for further processing. Coarse material drops into a container or a screw conveyor at the end of the screening drum.

If desired by customer, the drum screen can be provided with a series of screening zones, where various fractions are separated by means of perforated plates of differing perforation size.

Advantages:

- High reliability through robust construction
- Reduced manpower requirement with vibrating screen
- Reduced space requirement with pump version
- Can be laid out as receiving station for sewer grit and road sweepings
- 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

FSM Grit receiving stations are laid out individually to suit customer requirements and can be produced as receiving stations for road sweepings, sewer grit or other grit.

The FSM grit receiving station comprises the basic units reception screening grid, screening drum and grit wash separator. The size of the reception bunker depends on the throughput and the material to be processed.

FSM grit receiving stations combine high performance with low operating costs.

Applications in municipal and industrial clarification plant

- Grit treatment
- Sewer grit receiving station
- Road sweepings reception station

Industrial applications

- composting installations, disposal of waste products, household and industrial refuse, garden refuse and compost, seepage water treatment



Grit Receiving Station

Dimensions:

length/width/height	on request
throughput	on request
organic content of grit	< 3% volatile solids
separating capacity	>95% of particle size 0.2 mm

Material/make:

machine frame	stainless steel SS304 or SS316, other materials on request
agitator	stainless steel SS304 or SS316, other materials on request
conveyor screw drives	special steel or stainless steel SS304 or SS316, other materials on request
	geared motors, make SEW

Machines for water and waste water treatment

Excellent innovative capacity combined with many years of experience and a highly motivated team providing advice, assembly and service are your guarantee of outstanding products "Made in Germany", expert contract management through to commissioning and, of course, thereafter.

Get to know us, perhaps in the near future at a Trade Fair in your locality.

