



GRIT CLASSIFIER

FOR EFFICIENT AND COST-EFFECTIVE GRIT REMOVAL

Man-made water purification is always a combination of mechanical, biological and chemical treatments. As knowledge and know-how develop, biological purification becomes more and more important and its role gains increasingly in significance. Just as in nature and with as few chemicals as possible or even with none at all.

GRIT CLASSIFIER

PMT

For efficient and cost-effective grit removal

The grit classifier

was developed for the removal of quick-settling solid matter from wastewater. Incoming wastewater is evenly distributed in the classifier basin via a settling cylinder at the inlet. In the separating basin, solid matter settles in the screw conveyor channel on the bottom of the basin. From there the grit is transported via the screw into a container for disposal. Water drains from the surface of the basin along a channel for further processing. Simple, functional technology!

Control and safety equipment

The geared motor is protected by a thermal relay. A control panel is available for automatic process control.

Optional extras

Control panel for automatic operation
Basin cover of AISI 304 or aluminium

Auxiliary equipment

We also manufacture grit scrapers for grit separation tanks and MIL units for higher capacities.

Technical details

The basin, channel and screw conveyor are normally manufactured in stainless or acid-resistant steel (AISI 304, AISI 316)

PMT	20	30	50	80
Length (mm)	3500	3600	4400	5700
Width (mm)	1100	1300	1700	2200
Height (mm)	1750	1800	2200	2700
Weight (kg)	350	400	700	1000
Capacity (m ³ /h)	20	30	50	80
Surface area (m ²)	1,0	1,5	2,2	4,3
Power (kW)	0.55	0.75	1.1	1.5

