



SAND SEPARATION UNIT MIL

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.

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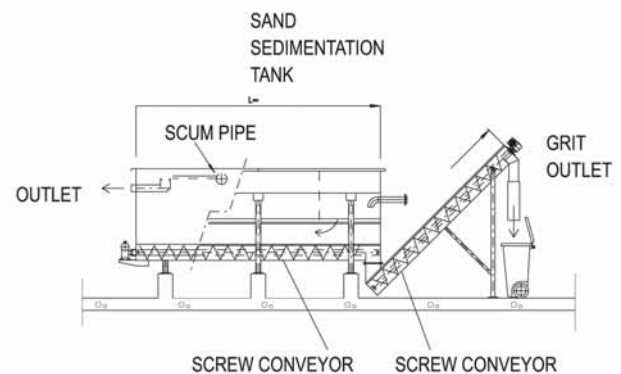
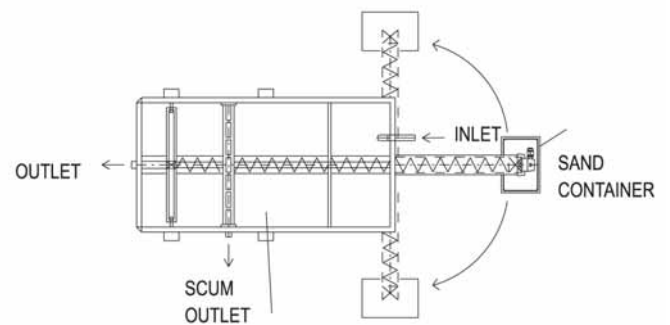
PMT

The MIL sand separation unit is designed for larger capacities than the PMT grit classifiers. The sand separation unit has been developed to separate quick-settling solid matter from wastewater. The unit can be used upstream or downstream of the screening process. Solid matter settles in the bottom channel of the basin. The bottom conveyor transfers the sand into the drying screw conveyor from which the dried sand is transferred into a container for disposal. Water drains from the surface of the basin along a channel for further processing. Surface sludge may be drained off through a scum pipe.

The MIL sand separator may be combined with the PMT step screen, a screw screen or a drum screen.

Additional accessories

- Washing device for dried sand
- Aeration for fat removal
- Fat pumping station



MIL	Length (mm)	Width (mm)	Height (mm)	Surface area (m ²)	Power (kW)	Capacity (l/s)
40	2000	2000	2700	4,0	3.0	40
60	3000	2000	2700	6,0	3.7	60
100	5000	2000	2700	10,0	4.4	100
120	6000	2000	2700	12,0	4.4	120
140	7000	2000	2700	14,0	5.2	140
160	8000	2000	2700	16,0	5.2	160
180	9000	2000	2700	18,0	5.2	180