

# Kanalrechen / Kanalsieb 380 mm Rechenbreite

## Gebrauchtmachine | Artikel-Nr. 4935

### Technische Daten:

Maschine:	Kanalrechen / Kanalsieb 380 mm
	Rechenbreite
Hersteller:	FSM
Typ:	FRS 3
Größe:	380 mm rake width
Kapazität:	None
Jahr:	None



### Beschreibung:

Kanalrechen mit einer Rechenbreite von 380 mm

Für eine Kanalbreite von 580 mm

#### General functional description:

The filter screen helps to mechanically clean liquids, mainly communal and industrial waste water. The liquid flows through the drain, in which the machine with its lower machine frame is installed. The filter frame essentially comprises a continuous filter belt, which consists of perforated filter cages with rakes. The filter cages are attached to a conveyor chain on both sides, which drives the filter belt. The filter cages are in the form of an arc. The filter cages of the machine restrain organic and inorganic rejects. The filter area is occupied by the restrained rejects, through which the free area is reduced. This lowers the volume of flow or the differential level (calculated from the water level before and after the machine) increases. If a measuring device ascertains that a predetermined limit value has been exceeded in case of the water level, the filter belt starts moving. The occupied part of the filter area (in the direction of flow before the screen) moves from the drain and is cleaned at the upper deviating point using a rotating brush roller. The cleaning is supported by a nozzle bar, which is operated at a water pressure of approximately 3 bar. The cleaned filter belt runs downwards on the rear side of the screen and dips into the drain (the cycle re-starts). The restrained screenings fall under the brush hood into a flume, press with funnel, a conveyor, a container or another receptacle.