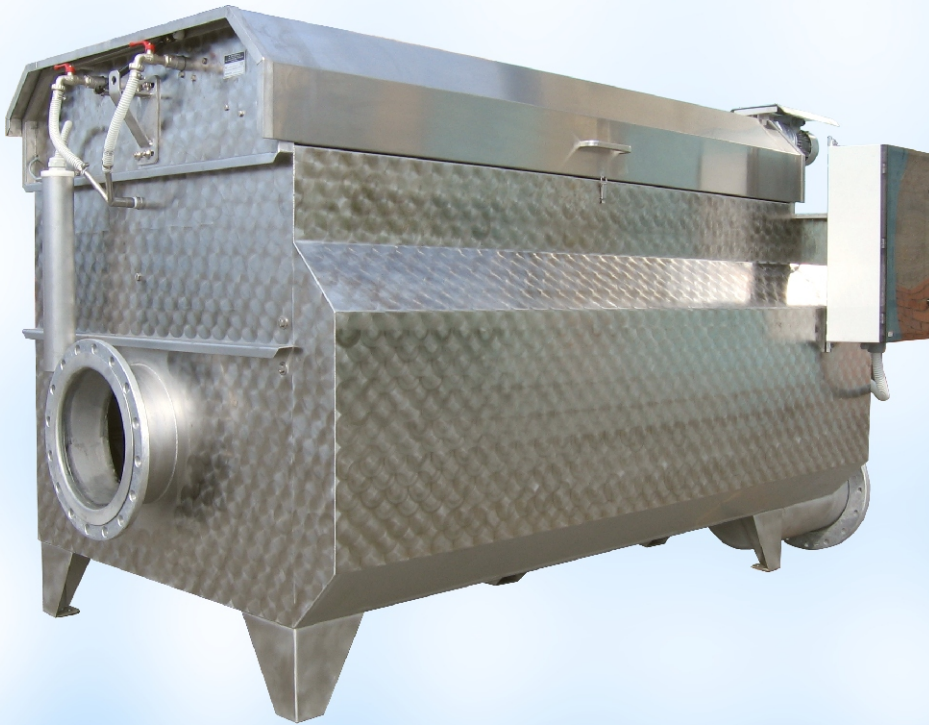


MICROSCREEN DRUM FILTER



Microscreen drum filters are an ideal solution for the water from waste water treatment plants filtration. Here they are installed as the third, final level of water treatment. In case, the water treatment plant does not meet sufficiently the required outlet quality limits of filtered water, by introducing the microscreen drum filters the limits can be safely achieved.

The filters can additionally be applied in filtration processes of water from paper manufacturing, textile industry, power plants, fish farms, zoos and many other plants.

FEATURES

- significant increase of filtered water quality
- the water supply for filter cloth rinsing is provided by the filter itself
- completely automatic operation of one or more units
- high reliability and long service life
- easy replacement of filter cloth
- the metal parts made of solely stainless steel



ADVANTAGES

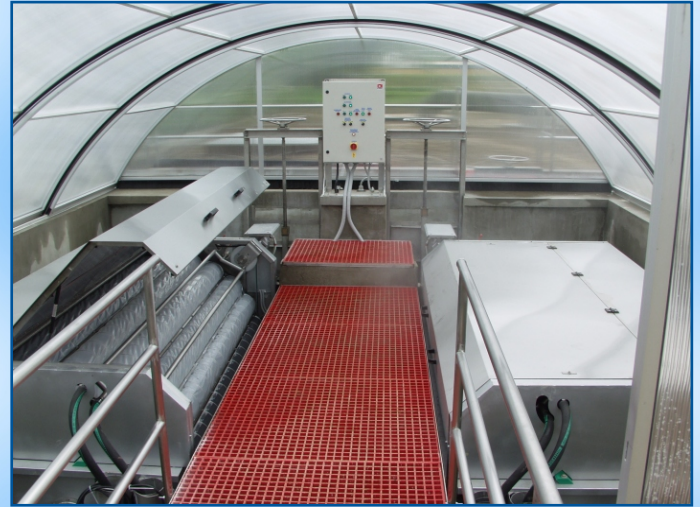
- No solid particles larger than the filter cloth openings can pass through the filters.



- The cleaning and rinsing of filter cloth is maintained automatically during filter operation. Clear, already filtered water is used for rinsing; hence there is no need to couple on a process water unit.

- placement into the concrete channel or above the ground level
- the density and the material of filter cloth
- the dewatered sludge discharge maintained gravitationally or by pump

- The sludge tank is always a build-in part of the filter. The automatic discharging is maintained by the pump while full operation of the filter. The sludge can be drained gravitationally as well.



VARIATIONS

the option of filter unit for concrete channel

type	channel width [mm]	channel depth [mm]	length [mm]	weight [kg]	max. consumption [kW]	filtration capacity* [l.s ⁻¹]
5_BMF_5_B2	700	840	1800	120	1,35	10
5_BMF_10_B2	700	840	2720	185	1,35	20
10_BMF_10_B2	1300	1500	3000	420	2,37	40
10_BMF_10_BK2	1300	1150	3000	435	2,37	40
10_BMF_20_B2	1300	1500	4000	490	3,27	90
10_BMF_20_BK2	1300	1150	4000	520	3,27	90
15_BMF_30_BK3	1900	1600	3800	880	4,45	200

the option of filter unit in stainless steel tank

type	channel width [mm]	channel depth [mm]	length [mm]	weight [kg]	max. consumption [kW]	filtration capacity* [l.s ⁻¹]
5_BMF_5_0	730	950	1155	210	1,35	8
5_BMF_10_0	730	950	1655	265	1,35	16
10_BMF_10_0	1402	1660	1802	420	2,37	40
10_BMF_20_0	1402	1660	2803	600	3,27	60

* the values apply only to filter cloth with openings of 40 mm at water pollution by undissolved substance up to 30 mg/l