

Ultra-fine Screen RoMem®

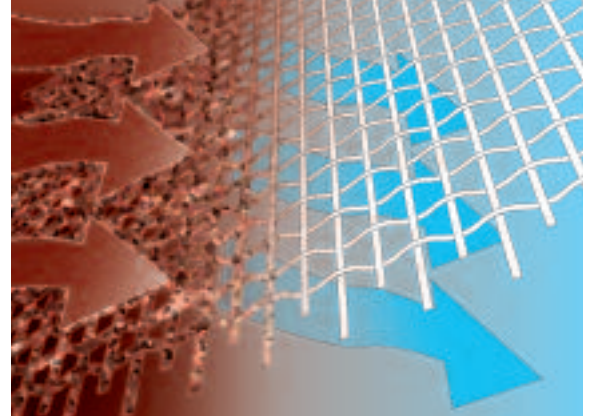
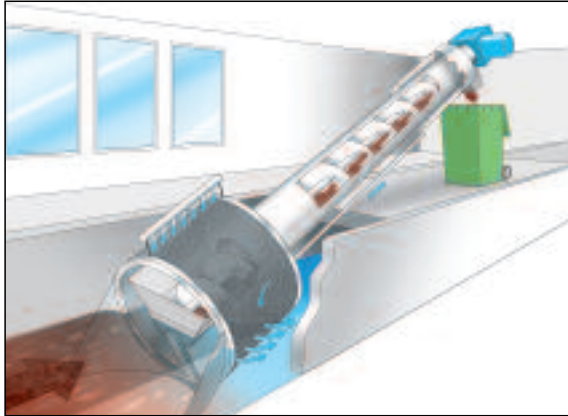
THE ORIGINAL
ROTAMAT®!!!



Ultra-fine screen for the removal of:

- Suspended solids
- COD and BOD
- Hair and fiber





►► Applications

- Protection of membrane systems (e.g. MBR) from hair and fiber
- Load reduction of secondary, biological treatment
- Ultra-fine screening of storm water overflows (CSO and SSO)
- Most economical and easy-to-implement first treatment stage for significant pollution reduction in developing countries

►► Performance

Ultra-fine screening of municipal wastewater with the RoMem® performs:

- Reduction of suspended solids by up to 70%
- Reduction of BOD and COD by up to 30%
- COD reduction by up to 80% is possible with the addition of flocculants
- Removal of hair and fiber
- Integrated screenings dewatering and compaction

►► Features

- RoMem® screens are installed in a channel or supplied in a tank
- RoMem® screens operate like our well-proven ROTAMAT® Wedge Section Screens Ro 2. They have a rotating screen basket
- Screen baskets have diameters ranging from 31 to 102 inch (780 to 2600 mm)
- Screen baskets are covered with stainless steel square mesh having a spacing of 0.5 to 1 mm (0.02 to 0.04 inch)
- The screenings are conveyed, dewatered, compacted and finally discharged into a container or bag within a completely enclosed unit to ensure odorless operation
- Optional integrated screenings washing (IRGA)
- Optional frost protection

►► Benefits

- Considerable removal of pollutants at minimum cost
- Easy to operate and to maintain
- Small footprint
- Made of stainless steel
- Pickled in an acid bath for perfect finishing and corrosion protection

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Subject to technical modification

RoMem® High
Removal Screen