

RAKEFLOW™

Mechanical Multirake Screen

**Effective, Sturdy,
Reliable.**



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adroit
Water Technology Solutions



RAKEFLOW™

Automatic Mechanical Screening for wastewater & storm water

Application: It is a preliminary level of filtration to mechanically remove coarse & fine screenings to prevent damage and clogging of downstream equipment and piping. The screen, is designed for the screening of sewage entering the treatment plants, the filtration, or bar thickness, is chosen according to the type and quantity of material and considering the depurative process scheme adopted.

Application Area:

- > Municipal waste water treatment plant
- > Waste water pumping station
- > Intake pumping station
- > Storm water drain
- > Industrial waste water treatment plant
- > ETPs & CETPs

Operation: The machine is composed by a screen with a spacing which can vary from 3mm to 100mm. The screenings are lifted, transported and discharged using rakes, that are also suitable for cleaning the filtration area. Rakes are guided by rails at the bottom without any bearings/mechanical components submerged by the raw water.

Features:

- > Higher number of rakes .
- > High screening discharge and low head-loss.
- > Standard parts and rugged steel structure leading to low maintenance.
- > Immersion pickled and shot blasted with glass beads.
- > Wide range of application through innovative design.

Dimension and Manufacturing :

Bar Spacing	3mm to 100mm
Channel Width	400mm to 3000mm
Channel Depth	1000mm to 20000mm
Material	Stainless Steel 304/316

