



SPIRAC[®]
Solid Handling Solutions

MULTIGUARD™

MECHANICALLY MULTI RAKED
BAR SCREEN



FEATURES AND BENEFITS

- ▶ Suitable for channels up to 4m (13ft) wide.
- ▶ For wastewater channels up to 12m (39ft) deep.
- ▶ Stainless Steel or Carbon Steel construction.
- ▶ No wash water required.

MULTIGUARD™ is a coarse screen that removes high solids loads of bulky coarse material in wastewater. It is the first cleaning stage in municipal and industrial wastewater treatment plants and protects equipment downstream.

MULTIGUARD™ consists of vertical screen bars with either rectangular or tapered profile and spaced to suit individual requirements. Made from carbon or stainless steel. The screening bars usually end above top water level and continue with solid debris plates to the discharge point.

The cleaning elements are comb plates that are fixed to multiple carrier beams. The beams are connected to two strands of chains that can easily be tensioned and as the majority of maintenance activities take place at cope level downtime is minimised due to reduced maintenance

requirements.

The chains pass around a wear resistant bottom guide track which removes the necessity for sprockets and bearings in sewage flows.

Drives can be weatherproof or zoned for gas areas and are shaft mounted to give clean lines to the screen.

The debris on the rakes is removed by a pivoted wiper with a wear resistant U.H.M.W.P.E blade.

Screens can be up to 4m (13ft) wide in a choice of materials and are suitable in channels up to 1.2m (3.9ft) deep.



TALK TO US ABOUT YOUR SCREENING NEEDS.
Our wide range of screens guarantees we have the right solution for you.

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