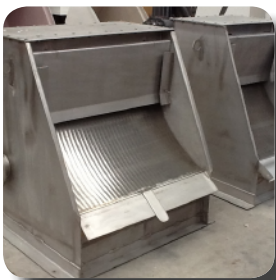


Sidehill Screen

The Side Hill Screen is used to separate large solids from a wastewater stream.

The high velocity influent flowing into the headbox, keeps solids suspended. The wastewater spills over a weir and flows onto a steeply, sloped screened surface. The screen allows liquid to pass through the openings into a drainage pan located on the back of the slotted screen. Solids, which are too large to fit through the openings, slide down the surface of the screen and are discharged into a drying rack. This process provides a liquid stream, which is free from large solids that could interfere with downstream treatment processes and equipment, and dry solids which can be easily disposed.

The side hill screen is curved with the steepest slope at the top of the screen. The shallow slope at the bottom allows more water to pass through, while the steeper slope at the top ensures that the solids are moving fast enough to slide off the lower end of the screen. Slots in the screen range from .05 to .125in situated vertical to the direction of flow.



FEATURES

- Full Stainless Steel Construction
- Elevated Screen; Not in a channel or vault
- Removable Drying Rack
- Optional Mounting Height

OPTIONS

- Optional Screen Opening Sizes
- Optional Capacities
- Optional Inlet/Outlet Connections