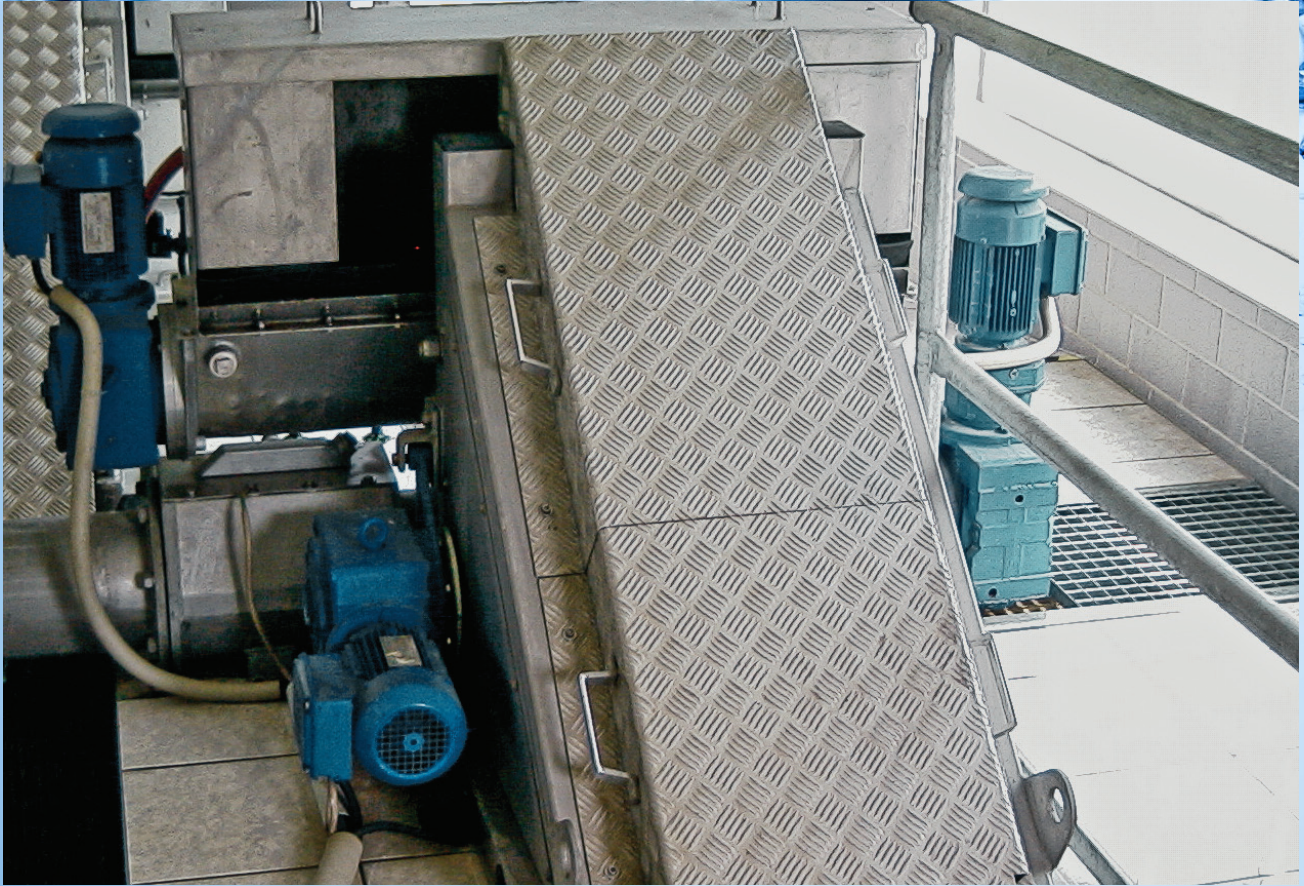


SCHREIBER CleanScreens

Fine Screen



A mechanical step screen
with 6 mm opening to fit
channels up to 5' in depth.

Fine Screen

The Schreiber Fine Screen is composed of a stationary grid and a movable grid. Each grid consists of a series of parallel stainless steel bars with a step configuration. The bars of the moving grid are located between the bars of the stationary grid in an alternating fashion. The screenings are thereby conveyed upward in a stepwise manner along the bars of the stationary grid. This motion, a “back-cleaning system”, prevents screenings from being forced through the screen bars. The self cleaning system eliminates the need for brushes, sprays, or other supplemental cleaning devices. The Fine Screen has

no anchor points below the waterline and the screen itself is designed to swing out of the channel for access and ease of maintenance. For washing and compacting of the screenings after capture, the Schreiber Washer Compactor is an excellent complement to the Fine Screen.

The Fine Screen is available to fit channels up to 5' in depth and 18" to 48" in width. A single fine screen can handle a flowrate up to 14 MGD. The standard size of screen opening is 6 mm (0.24").

EXPLOSION-PROOF MOTORS

The Schreiber Fine Screen is driven by a brushless motor that is approved for use in Class I, Division II areas per NEC. A Class I, Division I motor is optional.

CORROSION PROTECTION

The Schreiber Fine Screen is manufactured in 304 stainless steel for corrosion protection with 316 stainless steel as an available option.

CONTROLS

The Fine Screen is equipped with both manual and automatic controls, as well as, overload protection against machine damage. Automatic operation of the unit is controlled by a float switch and timer based on water level. If applicable, these controls can be integrated with the controls of a Schreiber Washer Compactor such that the two pieces of equipment will operate as a single, efficient system. A NEMA 4X SS panel is standard. A NEMA 7 control panel is optional.

