



SuperScreen® SSB

Bar Screen



SuperScreen® SSB with enclosure cover

PEWE SuperScreen® SSB:

The **SuperScreen® SSB** bar screen is typically placed at the headworks (entrance) of a wastewater treatment plant. Bar screens are used to remove large objects such as rags, plastics bottles, wood, solids, toys and other debris from the waste stream before entering the treatment plant. The **SuperScreen® SSB** may be sized for wide variances in flow conditions such as normal sanitary water or storm water.

SuperScreen® SSB Operation:

As the **PEWE SuperScreen® SSB** Bar screens the influent wastewater, the incoming solids are systematically captured and swept up and out of the stream. Free liquid is allowed to drain back and the solids are dropped down a discharge chute. These solids are conveyed by the flights towards the discharge section. The liquid is collected and removed from the drainage section directly to the channel for further processing. The **PEWE SuperScreen® SSB** bar screen can also be supplied with a **Command Control®** panel. When turned to the ON position the unit will run continuously. When turned to AUTO the unit will start when the level sensor is tripped by sufficient water depth (closed circuit). The unit will continue to run on an operator selected time delay after the upstream level has lowered the water level such that the float trips (open circuit). The spray wash turns ON/OFF based on an operator selected repeat time cycle.

SuperScreen® SSB Design:

The **PEWE SuperScreen® SSB** Bar screen consists of a bar/flight screen, rack and frame carrier assembly, and a variable speed mechanical drive system. It is also supplied with a flanged solids discharge chute. The **SSB** is designed for the removal of large solids from the waste stream without jamming. The unit utilizes a chain driven transport designed to deposit solids and allow the liquid to drain off directly.

Bar Screens.....High Flow Efficiency

