



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 both normal sanitary and storm water.

SuperScreen® SSB Operation:

The **PEWE SuperScreen® SSB** Bar screen influent and the incoming solids are systematically captured and swept up and out of the stream. Free liquid is allowed to drain back and the solids dropped down a discharge chute. Solids are conveyed by the flights towards the discharge section. The liquid is collected and removed from the drainage section directly to the channel further processing. The **PEWE SuperScreen® SSB** bar screen may be supplied with **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 (closed circuit) by sufficient water depth. 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 shall turn ON/OFF based on an operator selected repeat time cycle.

Bar Screens..... High Flow Efficiency

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. The **SSB** will be supplied with a flanged solids discharge chute. The **SSB** is designed to removal large solids from the waste stream without jamming. The unit will utilize a chain driven transport to deposit solids and allow the liquid to drain off directly.

