

SuperScreens®

For Industrial Applications



PEWE Innovative Quality

PEWE is an innovative leading company in the field of industrial water and wastewater treatment systems. PEWE offers products worldwide to the Food, Petrochem, Pharma, Metals, Electronics, other industries and Municipal market. The PEWE premier portfolio of screening systems cover the full range of solids removal possibilities. **SuperScreen®** systems are available for very high solids flows whether they be in-channel, flume or pipe.

The unique technology built into each PEWE **SuperScreen®** system maximizes solids removal while minimizing water carry-through. With heavy duty stainless steel construction, quality components and wedgewire screens PEWE **SuperScreen®** systems will give years of service. You can be assured PEWE applies the latest in technology innovation to a given system design. Each system may be operated by precise control of the PEWE automated panel. PEWE products and systems are designed in-house.



SuperScreen® Systems



“Technical Value is Performance”

SuperScreen® SSI - internally fed

The internal design utilizes a cylindrical wedgewire screen for separating coarse suspended solids from the water. The internally fed screen system operates by feeding the solids laden influent water to the headbox. The water is then distributed evenly onto the interior sidewalls of the rotating drum. Solids collect onto the interior drum surface as the water passes through the screen into a catch pan. Flights convey the solids forward, further dewatering them as they “roll up” and out the end of the barrel.

SuperScreen® SSE - externally fed

The external design utilizes a cylindrical wedgewire screen for separating coarse suspended solids from the water. The externally fed screen system operates by feeding the solids laden influent water to the headbox. The water is then evenly distributed across the full length of the back upper outside surface of the rotating drum. The solids are picked up by the drum and carried to a fixed doctor blade for removal. The water passes through the drum and flows out the bottom, helping to flush the screen as it passes. Scraped solids are deposited in a waiting receptacle.

SuperScreen® SSP - side hill parabolic

The side hill screen system utilizes a parabolic wedgewire screen for separating coarse suspended solids from the water. The side hill screen operates by feeding the solids laden influent water to the headbox. The water then flows over a distribution weir onto the steeply angled screen surface. Solids ride the screen to its base and fall off at the discharge lip into a waiting receptacle for disposal. The water passes directly through the screen to a collection pan.

