



SuperScreen® SSE

Externally Fed Screen

PEWE SuperScreen® SSE

Externally fed screen units are used for the removal of large insoluble material from an aqueous solution. Screens are used on process and wastewater streams for particles that need to be removed to protect downstream systems. The screen can also be used for product recovery, fat removal, sludge thickening and mixed settleable solids for both municipal and industrial applications.

The **SuperScreen® SSE** screen maximize solids removal in an easy to maintain unit. The screen is a barrier by which material larger than the gap or slot size may not pass, allowing the water to continue through.

SuperScreen® SSE-48 with high temp auto spray



SuperScreen® SSE Design

The external design utilizes a cylindrical wedgewire screen for separating coarse suspended solids from the wastewater. The screen may be ordered with several options including a perforated drum, enclosure cover, sump basin, mezzanine and **PEWE Command Control®** panel.



Wedgewire Drum & Quality Components

SuperScreen® SSE Operation

The externally fed screen system operates by feeding the solids laden influent wastewater 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.

Externally Screens

Low Flow, Oily Solids

- Bakery
- Brewery
- Fruit
- Food
- Meat
- Mineral
- Municipal
- Petrochem
- Poultry
- Pulp & Paper
- Seafood
- Vegetable
- Winery
- Wastewater

External Screen.....Low Flow, Oily Solids

Application	Wedgewire	Model		Flow	Capacity	English or Metric		GPM
Type	Slot	SSE-12.2	SSE-24.2	SSE-36.2	SSE-48.2	SSE-72.2	SSE-96.3	SSE-120.3
Bakery	.020"	110	240	360	480	720	960	1600
Seafood	.020"	50	120	180	240	360	480	690
Meat	.030"	90	210	340	450	680	900	1750
Municipal	.040"	150	300	425	575	715	1850	2690
Poultry	.020"	70	220	280	380	560	750	1060
Pulp & Paper	.030"	145	340	520	690	1040	1390	2000

This chart to be used as a guide only. Consult your PEWE representative.

