



## SuperScreen® SSP

### Parabolic Screen

#### PEWE SuperScreen® SSP

Parabolic screen units, sometimes referred to as "side hill", are used for the removal of large insoluble material from water and wastewater. Screens are used on process streams for large particle separation to protect downstream systems. The screen can also be used for product recovery as well as solids separation and mixed settleable solids for both municipal and industrial applications.

The **SuperScreen® SSP** series 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® SSP Design

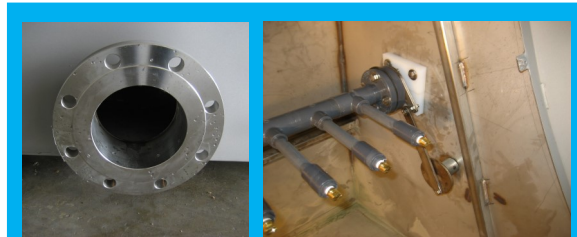
The parabolic or side hill screen system utilizes a curved wedgewire screen for separating coarse suspended solids from the water. The screen may be ordered with several options including gas lift assist enclosure cover, internal auto spray mechanism, sump, mezzanine and **PEWE Command Control®** panel.

#### SuperScreen® SSP Operation

The 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 it's 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.



**SuperScreen® SSP-48**  
with lift assist enclosure



**Auto Spray & Quality Components**

## Parabolic Screens ..... Simple, Economical

**BAKERY  
BREWERY  
FRUIT  
FOOD PROCESS  
MEAT  
MINERAL  
MUNICIPAL  
PETROCHEM  
POULTRY  
PULP & PAPER  
SEAFOOD  
VEGETABLE  
WINERY  
WASTEWATER**

Application	Wedgewire	Model						
Type	Slot	SSP-12	SSP-24	SSP-36	SSP-48	SSP-60	SSP-84	SSP-120
Brewery	.030"	75	180	270	360	450	630	900
Fruit & Veg	.020"	80	175	260	360	450	650	900
Meat	.040"	55	130	190	260	330	460	650
Mineral	.030"	60	140	210	280	360	500	720
Poultry	.060"	60	140	210	280	350	500	700
Forestry								
-Chips	.020"	100	200	300	400	500	700	1000
-Pulp	.040"	65	140	210	280	350	490	700

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