

STA-SIEVE

SWECO Sta-Sieve Stationary Screening Devices

The SWECO Sta-Sieve provides fast, efficient separation of solids from liquids. It is ideally suited for applications utilizing large quantities of water such as municipalities, canneries, fruit and vegetable processors, fish processors, pulp and paper mills and others.

Advantages

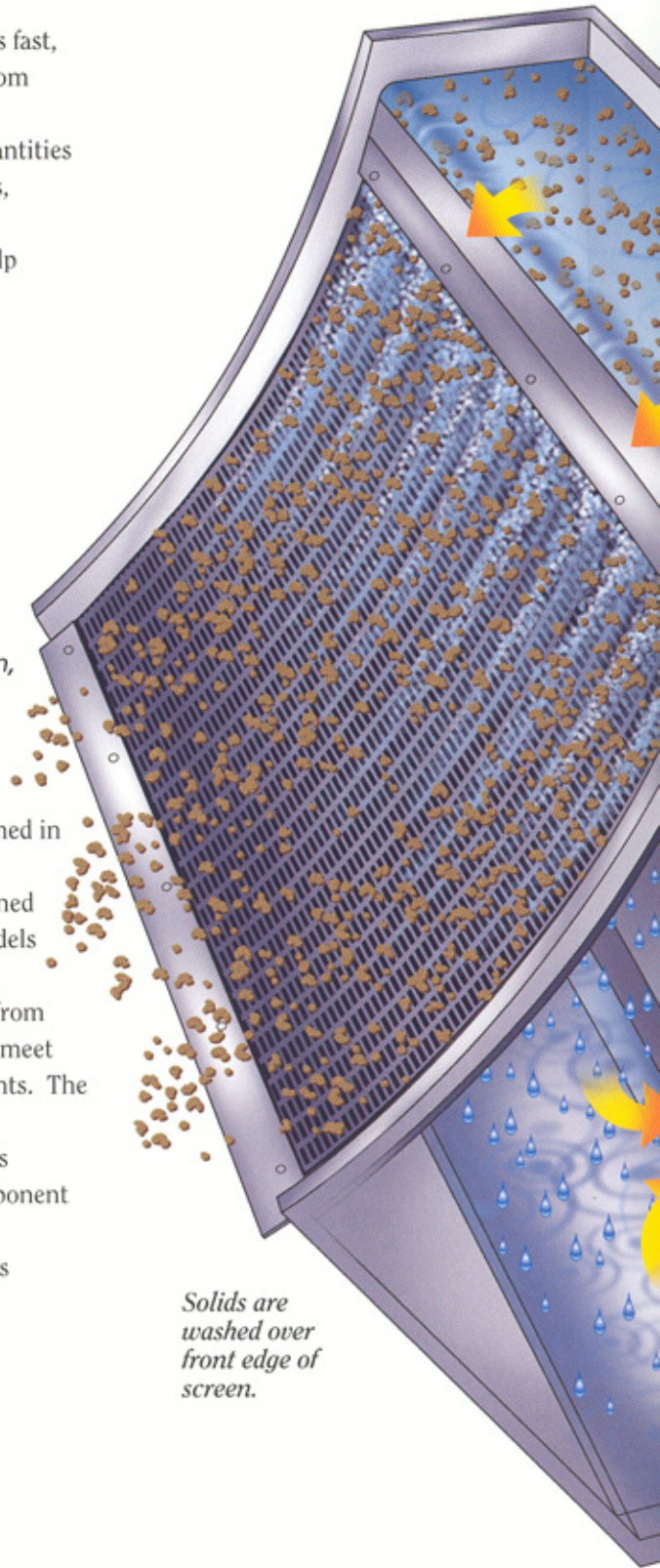
The advantages of this low-cost treatment approach are many:

- *no moving parts*
- *high flow-rate*
- *long screen life and ease of installation, operation and maintenance*

Maximum efficiency and speed are achieved through the use of a slotted screen formed in a cycloid - a curve of quickest descent - and a head box designed for minimum turbulence. Models are available in various sizes. Screen slot openings ranging from 0.010" to 0.100" are offered to meet various application requirements. The Sta-Sieve can be operated independently for liquids/solids separation or as a system component in conjunction with SWECO Separators, White Water Filters or Hydrocyclones.



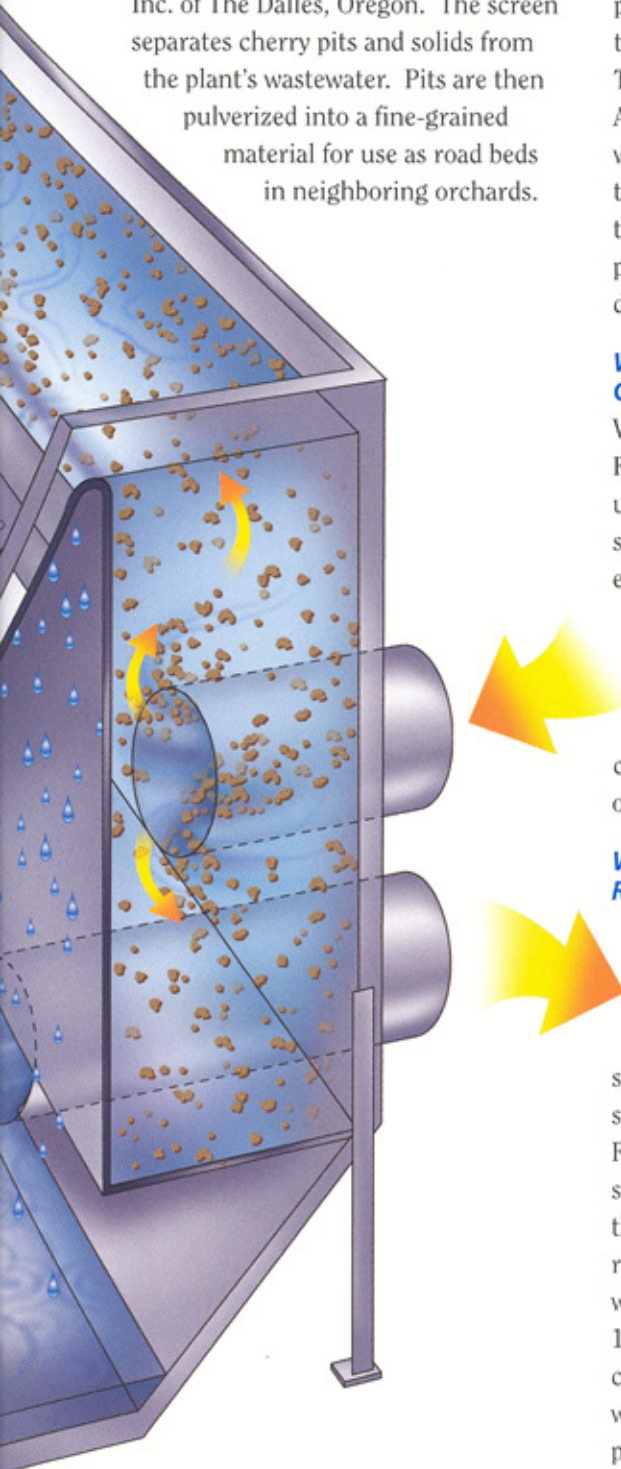
A variety of sizes and types of slotted screens are available to fit your application.



Solids are washed over front edge of screen.

Wastewater Treatment For Cherry Processor

The SWECO Sta-Sieve is being used effectively as the initial step in a custom-designed solids recovery system for The Dalles Cherry Growers, Inc. of The Dalles, Oregon. The screen separates cherry pits and solids from the plant's wastewater. Pits are then pulverized into a fine-grained material for use as road beds in neighboring orchards.



Shrimp Shell Removal For Alabama Processors

Shrimp shells are removed from the wastewater of several Bayou La Batre, Alabama shrimp processors by SWECO Sta-Sieves. New city ordinances prohibit shell-dumping in sewers, so these plants use Sta-Sieves to comply. The systems require virtually no labor. At Quality Food in Bayou La Batre, the wastewater flows over the screen and the shells fall onto a conveyor that transports them to a truck. One day's processing fills two trucks, which then dump the shells at a local landfill.

Wastewater Screening For Carrot Processor

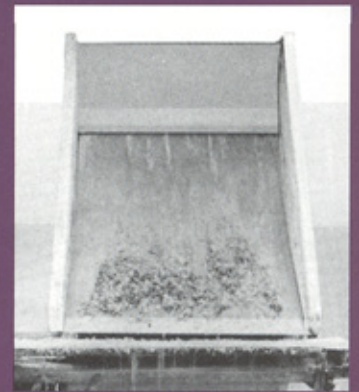
Vince Farms (formerly Marshburn Farms) of Santa Fe Springs, California uses a 4' width Sta-Sieve stationary screen to both effectively and economically remove carrot peels and recoverable solids from the plant's wastewater stream. Paying for itself in one year, the screen has reduced plant sewage assessments, cut water consumption, and increased output of a valuable by-product.

Wastewater Treatment For Roofing Manufacturer

The Los Angeles facility of Celotex Corporation's Roofing Products Divisions uses SWECO Sta-Sieves in a two-stage treatment system of coarse mesh stationary screens and SWECO's White Water Filter for fines removal. The first screen is utilized for stock thickening; the other two Sta-Sieves are used to remove coarse solids from the plant's wastewater stream. In operation since 1976, the plant's water recycling capabilities have been greatly extended with only minimal impact on the plant's capital investment and labor costs.



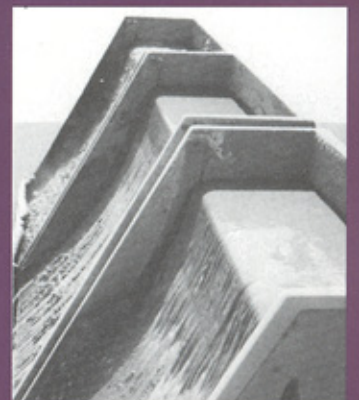
Wastewater Treatment For Cherry Processor



Shrimp Shell Removal For Alabama Processors

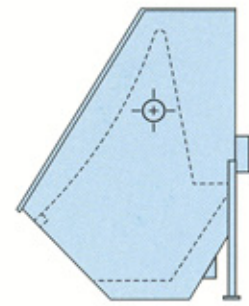
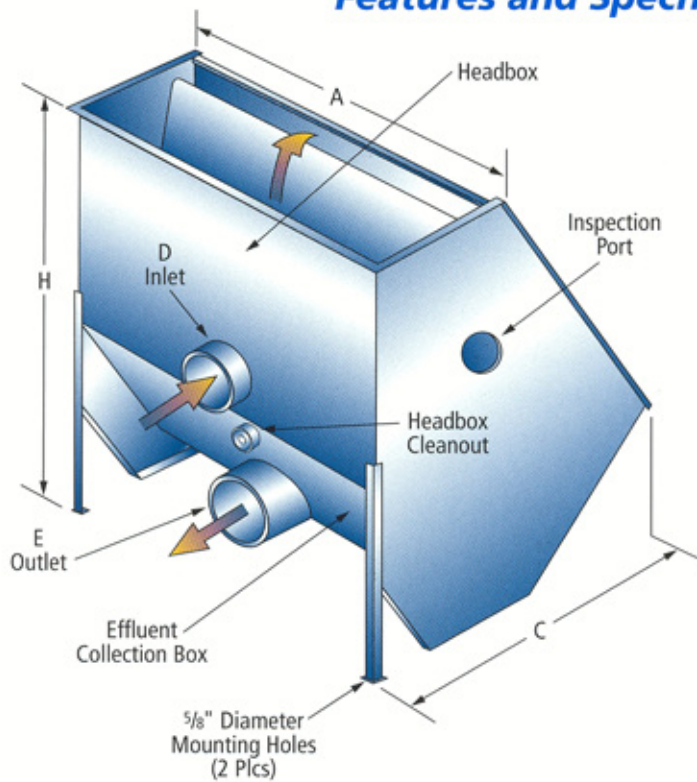


Wastewater Screening For Carrot Processor

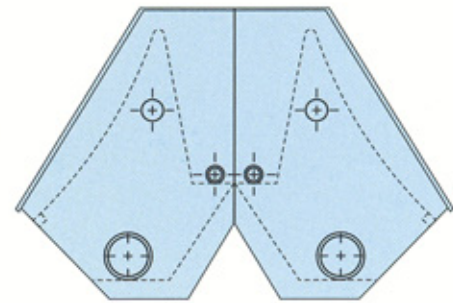


Wastewater Treatment For Roofing Manufacturer

Features and Specifications



STANDARD DESIGN



BACK-TO-BACK DESIGN

APPROXIMATE DIMENSIONS (inches)

MODEL	A	B	C	D	E	SHIP WT	ORDER WT	GPM*
SV1.5S	21	50	35	TOP	4	145	335	90
SV2S	27	50	35	TOP	6	190	455	180
SV3S	40	90	65	6	8	740	1,790	280
SV4S	52	90	65	6	10	980	2,410	400
SV6S	75	90	65	10	14	1,300	3,365	600
SV6S BB	75	90	120	10	14	2,450	6,375	1,200
SV8S	100	90	65	10	14	1,700	4,200	800
SV8S BB	100	90	120	12	14	3,300	8,100	1,600
SV10S	124	90	65	10	16	2,300	5,500	1,000
SV10S BB	124	90	120	14	16	4,200	10,300	2,000

* Nominal capacity with .060 in. slot screen



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