

SV | STA-SIEVE



STA-SIEVE STATIONARY SCREENING DEVICES

FAST, EFFICIENT SEPARATION OF SOLIDS
FROM LIQUIDS IN A DEVICE WITH NO
MOVING PARTS AND EASY
INSTALLATION, OPERATION, AND
MAINTENANCE



STA-SIEVE
STATIONARY SCREENER

STATIONARY SCREENING DEVICES

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

HIGH FLOW RATE, LIQUID-SOLID SEPARATION

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.

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

- No moving parts**
- High flow rates**
- Long screen life**
- 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.

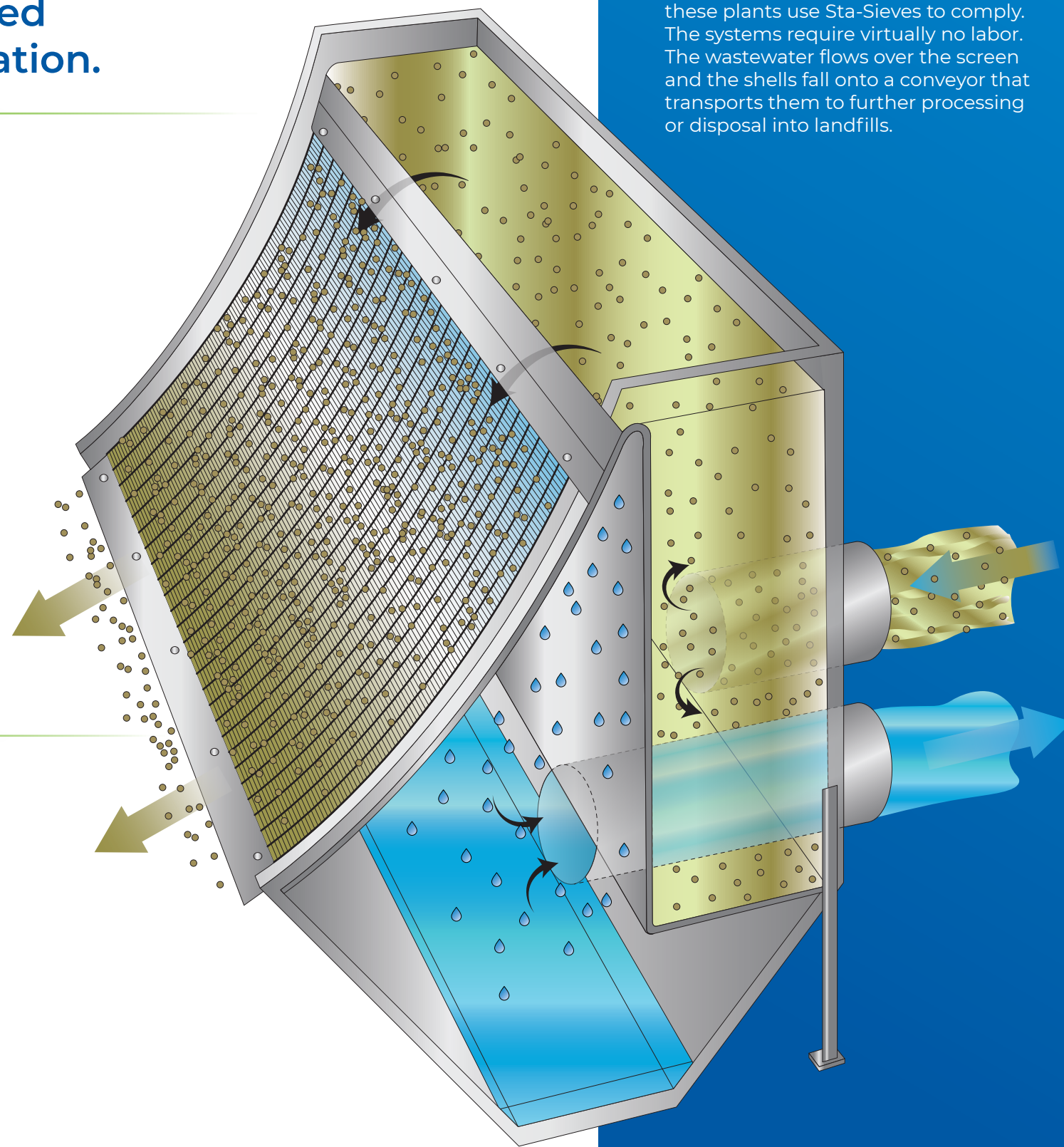
Screen slot openings ranging from 0.010-inch (254μ) to 0.100-inch (2540μ) are offered to meet various application requirements.

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.

APPLICATIONS

SWECO Sta-Sieve Stationary Screeners have been engineered to handle a variety of applications in many different industries.

Look to SWECO for all your sifting needs.



SHRIMP SHELL REMOVAL FOR ALABAMA PROCESSOR

Shrimp shells are removed from the wastewater of several Bayou La Batre, Alabama shrimp processors by SWECO Sta-Sieves. City ordinances prohibit shell-dumping in sewers, so these plants use Sta-Sieves to comply. The systems require virtually no labor. The wastewater flows over the screen and the shells fall onto a conveyor that transports them to further processing or disposal into landfills.

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 a cherry grower in 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.

WASTEWATER SCREENING FOR CARROT PROCESSOR

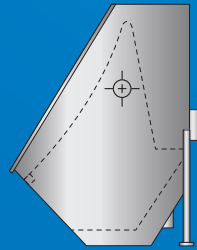
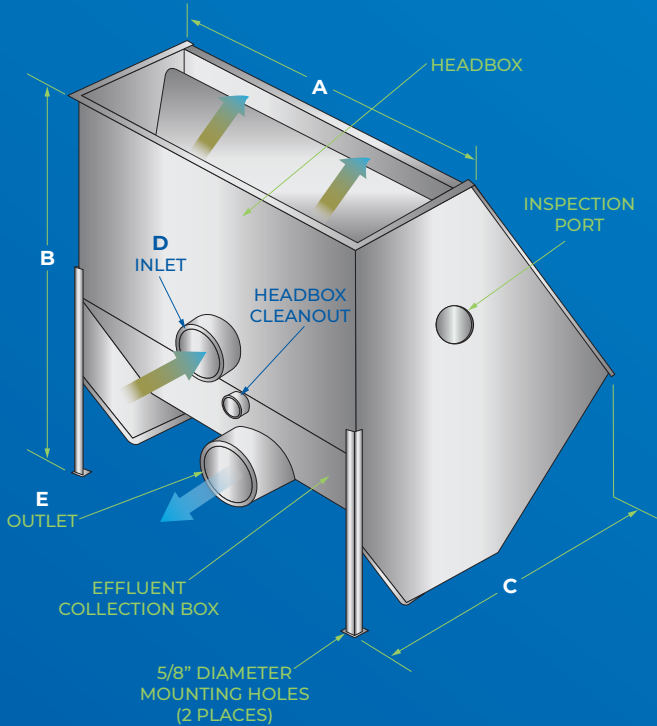
A carrot processor of Santa Fe Springs, California uses a 4-foot width Sta-Sieve stationary screen to both effectively and economically remove carrot peels and recoverable solids from the plant's wastewater stream. Paying for itself in one year, the screen has reduced plant sewage assessments, cut water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

WASTEWATER TREATMENT FOR ROOFING MANUFACTURER

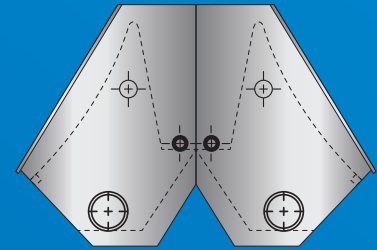
A roofing manufacturer in Los Angeles uses SWECO Sta-Sieves in a two-stage treatment system of coarse mesh stationary screens and SWECO's White Water Filter for fines removal. The first screen is utilized for stock thickening; the other two Sta-Sieves are used to remove coarse solids from the plant's 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.



NO MOVING PARTS. HIGH FLOW RATES.



STANDARD DESIGN



BACK-TO-BACK DESIGN

STA-SIEVE DIMENSIONS

MODEL	A	B	C	D	E	FLOW RATE
	IN / CM					GPM / LPM
SV1.5S	21 / 53	50 / 127	35 / 89	TOP	4 / 10	90 / 340
SV2S	27 / 69	50 / 127	35 / 89	TOP	6 / 15	180 / 680
SV3S	40 / 102	90 / 229	65 / 165	6 / 15	8 / 20	280 / 1060
SV4S	52 / 132	90 / 229	65 / 165	6 / 15	10 / 25	400 / 1515
SV6S	75 / 191	90 / 229	65 / 165	10 / 25	14 / 36	600 / 2270
SV6S BB	75 / 191	90 / 229	120 / 305	10 / 25	14 / 36	1200 / 4540
SV8S	100 / 254	90 / 229	65 / 165	10 / 25	14 / 36	800 / 3030
SV8S BB	100 / 254	90 / 229	120 / 305	12 / 30	14 / 36	1600 / 6060
SV10S	124 / 315	90 / 229	65 / 165	10 / 25	16 / 41	1000 / 3785
SV10S BB	124 / 315	90 / 229	120 / 305	14 / 36	16 / 41	2000 / 7570



SWECO has sales agents and/or licensees in most countries.

Manufacturers worldwide rely on SWECO.

We span five continents with 9 manufacturing and support facilities and over 100 sales and service representative offices.

So, wherever you are, be assured that SWECO – the global leader in screening technology – is there when you need us.