



RS-005 Cone Screen

Cone Screen

Cone screen is designed to remove suspended solids from a high solids loading slurry/sludge. The raw wastewater/sludge/slurry is fed from the center inlet and solids separation is achieved by rotating the cylindrical cone screen. Thickened sludge rolls out the end of the cone, while decanted supernatant flows through the screens.

Applications

- Wastewater treatment in pulp and paper, food processing, tanning, leather processing, fiber and chemical industries
- Screening in domestic wastewater treatment plants and utilities.
- Replace a communicator/chopper to remove coarse solids and debris.
- Prevent pump stations, water treatment pipes and pumps from clogging and wearing.
- Dewater, separate and recycle screenings in food processing, such as meat, sausage, fish, fruits, vegetables etc.
- Separate and recycle screenings in brewery and other food processing plants.
- In pulp and paper factory :
 1. Condensation of RGP and CGP screenings.
 2. Fibers recycle of wastewater treatment, condensation and filtration from white water and fluid from screw presses.
- Screen raw materials and purify wash water in sugar and starch processing plants.

Features

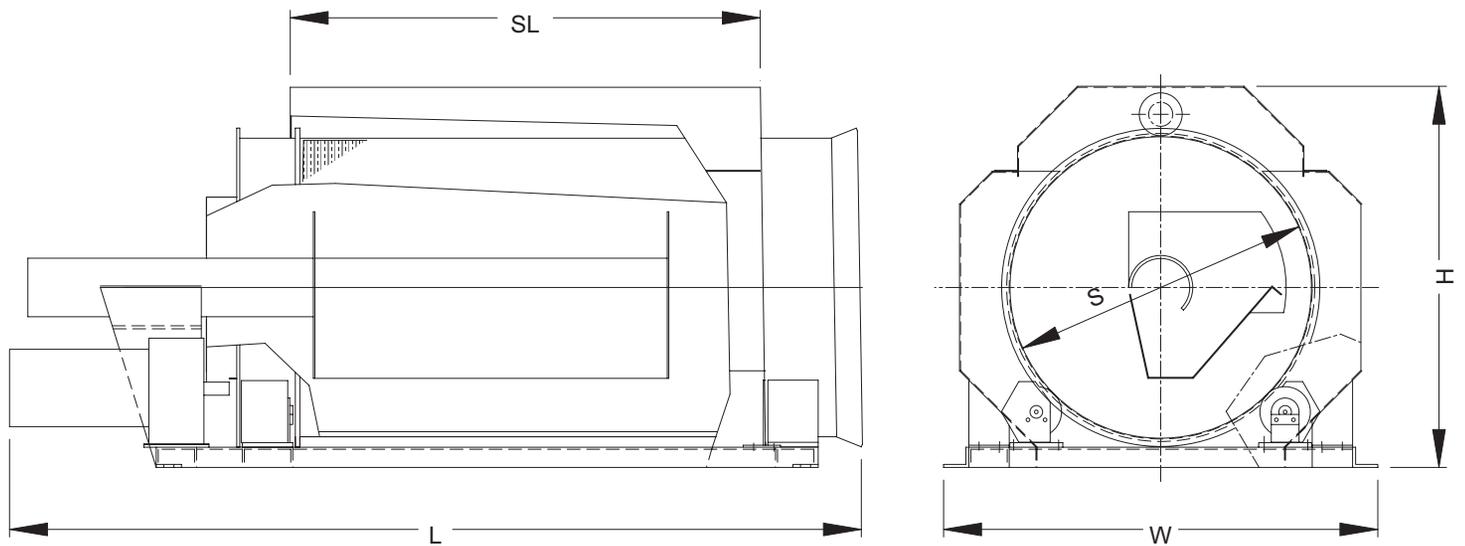
- › The wedge-wired screen enhances the filtration and avoids clogging.
- › Screen openings varied from 0.5 ~ 3.0mm are available.
- › Low power consumption.
- › Light weighted and compact footprint makes it easy for installation.



Models

Industries	Screen Opening (mm)	Application	Capacity (m ³ /hr)
Paper & pulp	1.5	Effluent	53~186
Slaughtering	0.5~1	Effluent & discharge	14~83
Leather	0.75~1	Effluent & sulfide	5~55
Canned foods	1	Effluent	43~155
Municipal	0.5~3	Pretreatment & sludge	8~196

Equipment Drawings and Section Views



Cone Screen

Specifications

Model	S60/60	S60/90	S90/90	S90/120
Dimension (mm)				
S Drum Diameter	600	600	900	900
SL Drum Length	600	900	900	1200
W Main Body Width	860	860	1300	1300
H Main Body Height	760	760	1200	1200
L Main Body Length	1400	1700	1700	2000

