

PRODUCT DATA SHEET

STATIC BOW SCREENS (SBS)

water | wastewater | sewage



OVERVIEW

REKO static bow screens are free-standing units used for the separation of settling solids from wastewater and process water by means of a bended wedge wire screen plate. It requires low investment and very little maintenance.

The wedge wire screenplate is mounted in a stainless steel housing and is formed with a radius giving maximum hydraulic capacity giving the driest possible solids separation.

Advantages of the REKO static bow screens

- Low investment and operating costs
- Minimal control and operation
- High capacity with fluctuating flow rates

Fields of application

- Vegetable, fruit and potato processing industry
- Sugar industry
- Meat and poultry processing / abattoirs / rendering industry
- Fish and shellfish processing industry
- Brewing, malting and beverage industry / distilleries
- Starch and gluten processing industry
- Food ingredients and hydrocolloids industry
- Pharmaceutical industry
- Horticulture industry
- Zoos
- Textile industry / laundries
- Paper and pulp industry
- Chemical and petrochemical industry
- Mining and minerals industry
- Exhaust gas cleaning
- Waste recycling industry
- Tanneries
- Bioenergy industry
- Sewage Treatment
- Drinking Water Plants

STANDARD SPECIFICATIONS

Parameter	Units	Screen Model						
		600LB	1200LB	1800LB	500TS	1,000TS	1,500TS	2,000TS
Nominal inflow capacity	m ³ /hr	40 - 72	80 - 142	120 - 215	20 - 36	40 - 72	60 - 108	80 - 144
Wedge wire screenplate aperture	mm	0.15 / 0.25 / 0.50 / 0.75 / 1.00 / 1.75 / 2.50 / 3.00 / 4.00						
Wedge wire screenplate width	mm	600	1200	1800	450	950	1450	1950
Overall height	mm	1940			1405			
Overall width	mm	685	1285	1835	486	986	1486	1936
Overall depth (incl inlet/outlet)	mm	1115			955			
Overall depth (excl inlet/outlet)	mm	945			855			
Net weight (approx.)	kg	140	195	325	80	130	180	220
Inlet		DN 100	DN 150	DN 200	DN 100	DN 100	DN 150	DN 150
Outlet		DN 200	DN 200	DN 300	DN 100	DN 200	DN 250	DN 250
Wedge wire screenplate & Screen Housing material		AISI 304						
Inlet/Outlet Flanges material		Aluminium						

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STANDARD INCLUSIONS + OPTIONS

✓ = Standard Supply o = Optional Supply

Parameter	Screen Model						
	600LB	1200LB	1800LB	500TS	1,000TS	1,500TS	2,000TS
Free standing	✓	✓	✓	✓	✓	✓	✓
Wedge wire screenplate & Screen Housing material in AISI 316	o	o	o	o	o	o	o
Skid/platform mounted system	o	o	o	o	o	o	o
Hinged cover	o	o	o	o	o	o	o
Bolted cover	o	o	o	o	o	o	o
Custom Inlet/ Outlet position	o	o	o	o	o	o	o
Intergrated discharge chute	o	o	o	o	o	o	o
Intergrated automatic cleaning system (Internal)	o	o	o	o	o	o	o
Intergrated CIP (clean-in-place) system	o	o	o	o	o	o	o
Intergrated screw conveyor	o	o	o	o	o	o	o

MODEL SELECTION

- 600LB Model
 - 1200LB Model
 - 1800LB Model
 - 500TS Model
 - 1000TS Model
 - 1500TS Model
 - 2000TS Model
-
- 0.15 Wedge wire aperture
 - 0.25 Wedge wire aperture
 - 0.50 Wedge wire aperture
 - 0.75 Wedge wire aperture
 - 1.00 Wedge wire aperture
 - 1.75 Wedge wire aperture
 - 2.50 Wedge wire aperture
 - 3.00 Wedge wire aperture
 - 4.00 Wedge wire aperture
 - 5.00 Wedge wire aperture
-
- 4 Material AISI 304
 - 6 Material AISI 316



Typical Reko Static Bow Screen with optional Hinged Cover, Integrated Automatic Cleaning System and Screw Conveyor

NEED A QUOTE?
 COMPLETE THIS TABLE AND EMAIL TO...
sales@makwater.com.au

REKO SBS _____

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