

# PRODUCT DATA SHEET

## STATIC BOW SCREENS



water | wastewater | treatment | recycling

### OVERVIEW

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

The exchangeable screenplate is mounted in a stainless steel housing and is formed with a radius giving maximum hydraulic capacity thus giving as dry as possible solids separation.

An inspection opening at the rear of the housing facilitates access and cleaning.

#### Advantages of the REKO 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 water treatment
- drinking water plants

### STANDARD SPECIFICATIONS

Parameter	Units	600LB	1200LB	1800LB	500TS	1000TS	1500TS	2000TS
Liquid Capacity	m <sup>3</sup> /hr	40 - 72	80 - 142	120 - 215	20 - 36	40 - 72	60 - 108	80 - 144
Slot Opening	um	150 - 5000	150 - 5000	150 - 5000	150 - 5000	150 - 5000	150 - 5000	150 - 5000
Inlet (water + solids)		DN 100	DN 150	DN 200	DN 100	DN 100	DN 150	DN 150
Outlet (filtrate)		DN 200	DN 200	DN 300	DN 100	DN 200	DN 250	DN 250
Height	mm	1940	1940	1940	1405	1405	1405	1405
Length (excl. in-/outlet)	mm	945	945	945	855	855	855	855
Length (incl. in-/outlet)	mm	1115	1115	1115	955	955	955	955
Width	mm	635	1235	1835	500	1000	1450	1950
Screen width	mm	600	1200	180	450	950	180	1900
Screen		AISI 304	AISI 304	AISI 304	AISI 304	AISI 304	AISI 304	AISI 304
Housing		AISI 304	AISI 304	AISI 304	AISI 304	AISI 304	AISI 304	AISI 304
Flanges		Aluminium	Aluminium	Aluminium	Aluminium	Aluminium	Aluminium	Aluminium
Net Weight (Approx.)	kg	140	195	325	80	130	180	220

# STANDARD INCLUSIONS + OPTIONS

✓ = Standard Supply    ○ = Optional Supply    - = Not Available.

Equipment	600LB	1200LB	1800LB	500TS	1000TS	1500TS	2000TS
Skid Mounted Plant & Equipment	✓	✓	✓	✓	✓	✓	✓
Screen Plate	○	○	○	○	○	○	○
Hinged Cover	○	○	○	○	○	○	○
Bolted Cover	○	○	○	○	○	○	○
Automatic Cleaning System	○	○	○	○	○	○	○
Additional Screw Conveyor	○	○	○	○	○	○	○

## MODEL SELECTION

- 600LB** 40 – 72 m3/day flow rate
- 1200LB** 80 – 142 m3/day flow rate
- 1800LB** 120 – 215 m3/day flow rate
- 500TS** 20 – 36 m3/day flow rate
- 1000TS** 40 – 72 m3/day flow rate
- 1500TS** 60 – 108 m3/day flow rate
- 2000TS** 80 – 144 m3/day flow rate

**TM xxx/xxx** Custom flow rate

**W** Wedge wire

**P** Perforated

**0.25** Slot Opening (mm)

**0.50** Slot Opening (mm)

**0.75** Slot Opening (mm)

**1.00** Slot Opening (mm)

**C** Custom Slot Opening (mm)

**4** Material AISI 304

**6** Material AISI 316

REKO

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**NEED A QUOTE?**

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[sales@makwater.com.au](mailto:sales@makwater.com.au)



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