



**SPEKTRA WATERTech SDN.BHD.**  
(No 737633-A)

# STATIC WEDGE SCREEN

The static wedge screen is a very effective device screen for the separation of solids from liquids, providing applications in industrial processes and waste water treatment. A simple device with no moving parts available in a wide range of screen sizes, widths and flow capacities.

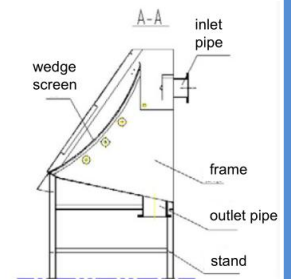
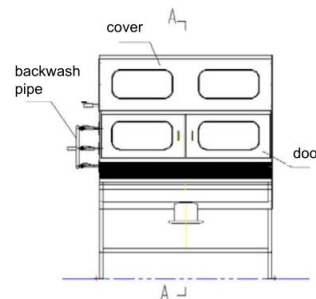
The inlet water flows uniformly downwards onto the curved screen distributed by an overfall. The filtered water flows from the grid gap of screen to the outlet directly. The solids cannot follow this movement and roll down over the screen, due to the water power, the solids finally fall over the throw-off edge into a hopper(hopper is an optional accessory).

Used in many industries like for Solid Liquid Separation.

Mining	Textiles
Sugar Mills	Poultry or fish
Meat Processing	Pulp and Paper Mills
Food Processing	Animal Waste Processing
Fruit and Vegetable Processing	
Industrial Solids Separation or Recovery	

The advantages of these types of screens are:

- No moving parts
- No Power consumption
- Low maintenance
- Wide range of applications



## FLOW CAPACITIES

GRID GAP	0.5MM	1MM	1.5MM	2MM	2.5MM
SCREEN MODEL					
SLS500	4m3/hr	8m3/hr	12m3/hr	16m3/hr	20m3/hr
SLS800	6m3/hr	12m3/hr	18m3/hr	25m3/hr	30m3/hr
SLS1000	8m3/hr	16m3/hr	24m3/hr	32m3/hr	40m3/hr
SLS1200	10m3/hr	20m3/hr	30m3/hr	40m3/hr	50m3/hr
SLS1500	12m3/hr	24m3/hr	36m3/hr	48m3/hr	80m3/hr
SLS1800	14m3/hr	28m3/hr	42m3/hr	56m3/hr	110m3/hr
SLS2000	16m3/hr	32m3/hr	48m3/hr	64m3/hr	160m3/hr

*\*Only theoretical value for reference. The real value will be impacted by the TSS content in waste water.*