

STATIC SCREEN

Ecological and Economical Screening Solution

DESCRIPTION

STATIC SCREEN is used for many solid/liquid separation. It provides an efficient separation especially in the treatment of storm water mixed with solids, hydrocarbons, coming from oil & gas plants. The screen is built with stainless steel wedge wire mesh from 0,25 mm to 1,5 mm to remove any solids above this mesh size.

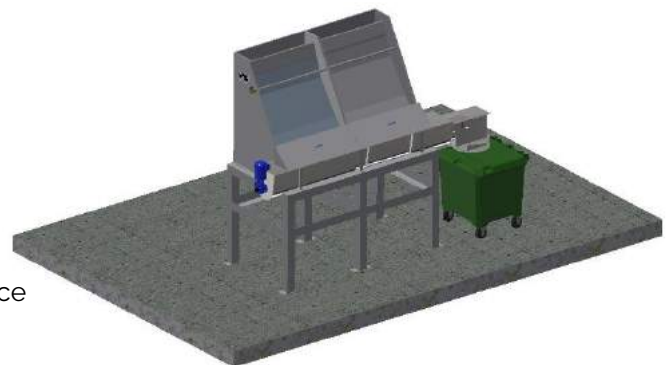


OPERATION

The operation of the Static Screen is based on the coanda effect meaning that the liquid to be screened forms a hydraulic attachment to the wedge wire (bars) of the screen. The water goes through the slots while the separated solids stay on the front face of the screen plate. The screen plate has a design with three distinct angles to increase the separation efficiency.

BENEFITS

- ➔ Eco-friendly solution
- ➔ No moving parts, no motors
- ➔ Low installation costs with no maintenance
- ➔ Quiet operation



Plug and play skid with two Static Screens



STATIC SCREEN with or without covers

Model Static Screen	500	1500	2000	
Opening	Flow m ³ /h			
Wedge wire (slot)	0,25 mm	40	80	120
	0,5 mm	45	90	140
	0,75 mm	55	110	170
	1 mm	65	125	195
	1,5 mm	75	150	230

Indicative flow table with 200 mg/l of suspended solids