

# STATIC CURVED SCREEN

The static curved screen is a simple mechanical filter. The filter surface has a curved or parabolic surface. The advantage of this shape is that the suspended solids, which are sieved from the water, will slide down the parabolic surface and are collected in a container. Water will go through the parabolic surface and is collected in the bottom of the sieve.

The curved screen is optionally provided with a cover with gas springs and with a spraying system.

### Advantages:

- Continuous separation,
- Minimal maintenance costs,
- Low noise.

Type	Nominal capacity [m <sup>3</sup> /h]				Useful width	Inlet	Exhaust
	Slot between the wire bars						
	0,25 mm	0,5 mm	1 mm	1,5 mm			
300	12	18	25	30	300	NW 100	NW 100
600	24	36	50	60	600	NW 100	NW 100
1000	40	60	84	100	1000	NW 150	NW 200
1200	48	72	100	120	1200	NW 150	NW 200
1500	60	90	125	150	1500	NW 150	NW 200
1800	72	108	150	180	1800	NW 200	NW 250
2000	80	120	168	200	2000	NW 200	NW 250

Other types can be customized

The indicated flows depend on the main characteristics of the outflow, like: Solids concentrations, viscosity, temperature, etc.....

