AQUALINE
www.aqualine-me.com

STYRE ARC SCREEN

WASTEWATER PRE-TREATMENT EQUIPMENTS





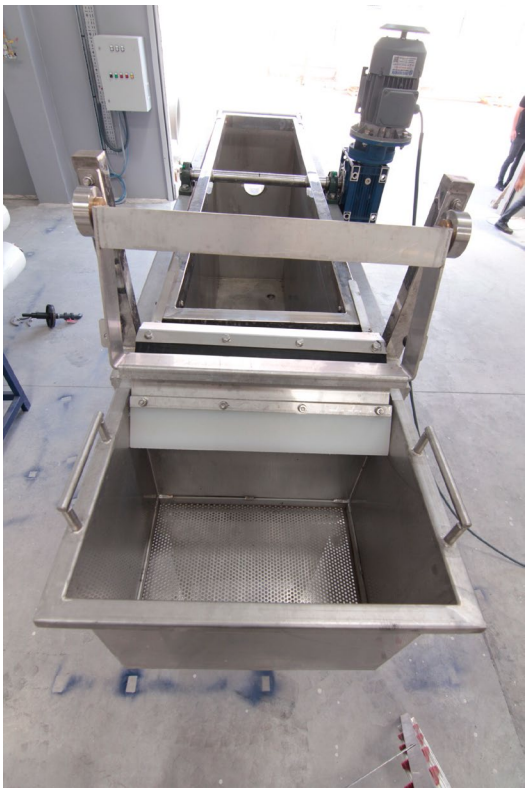




STYRE ARC SCREEN

STYRE Arc Screens are used in narrow and shallow channels, in all kinds of waste water, to remove solids with a particle diameter of more than 5-15 mm.

STYRE Arc Screen is compactly designed with equipment that cleans the surface of the bars from the outside with a circular rake or brush according to customer demand. Generally, STYRE Arc Screens consists of harrow system or brush system, motor reducer group and harrow/brush cleaning unit.



WORKING PRINCIPLE

In the STYRE Arc Screen working principle, the rake or brush system is circularly scanned with the movement provided by the motor-reducer group. The wastes accumulated on the rake or brush are collected as waste with the help of the rake cleaning unit.

If the STYRE Arc Screen stops, the rake or brush will stop at the top, not blocking the water flow.

WASTEWATER PRE-TREATMENT EQUIPMENTS

POWER	MODEL	ESLI STYRE AC	DISCHARGE HEIGHT	GRID SPACE	RAKE RUNNING SPEED
	CHANNEL WIDTH	CHANNEL DEPTH			
0.37-3 kW	200 - 2000 mm	up to 1200 mm	200 - 600 mm	5 - 15 mm	12 m/dk

* Values change according to customer desing need.

GENERAL PROPERTIES OF STYRE ARC SCREEN

- Provides the opportunity to use in deep channels.
- It offers the possibility of cleaning with a rake or with a brush upon request.
- It is automatically controlled. It does not require manual intervention.
- It can be manufactured as SS304 or SS316 in the desired grid range.
- Stainless steel perforated basket dehydration is available for waste
- Optional electrical panel panel can be added.
- There is a float level switch for emergency operation.



