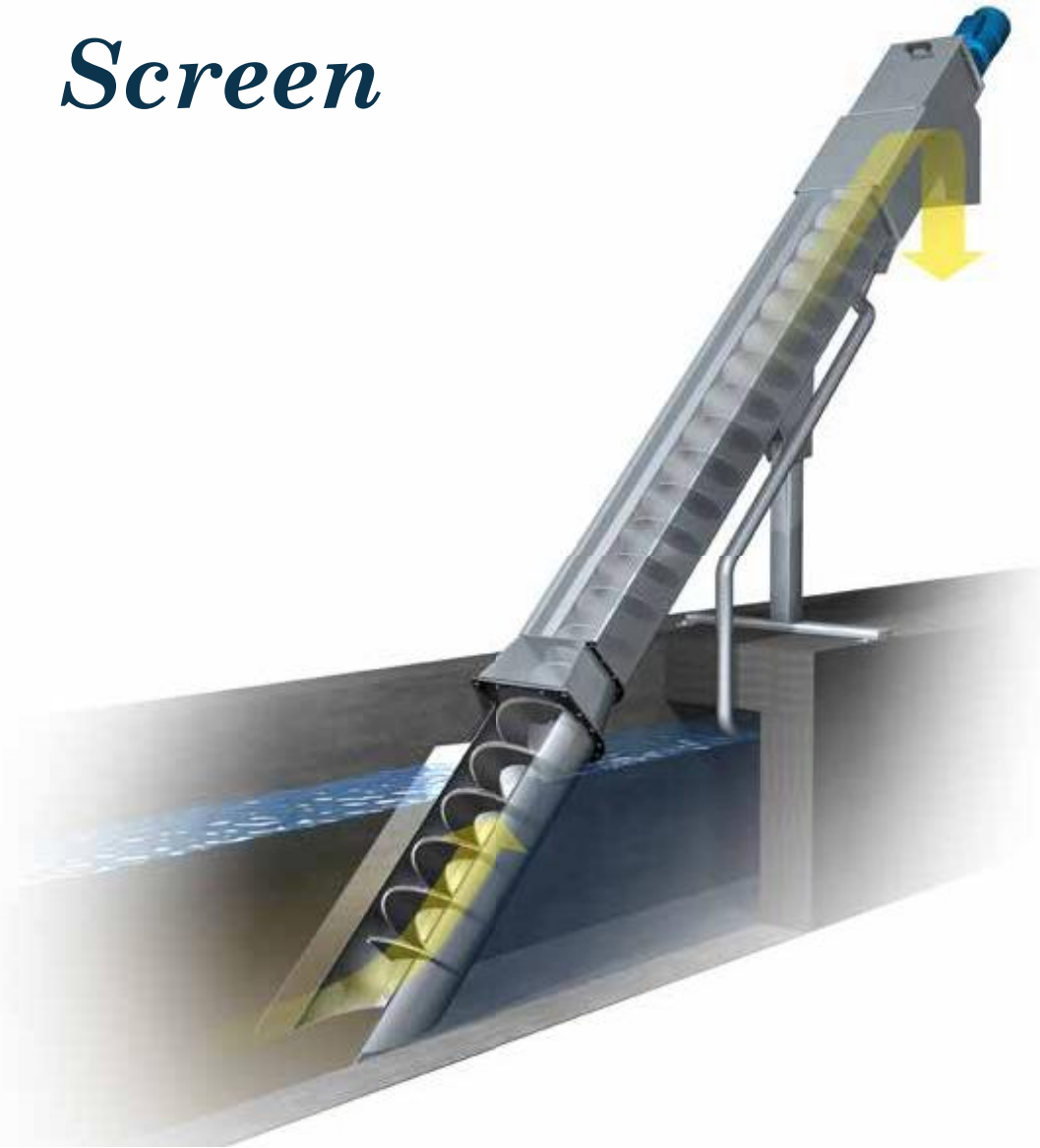
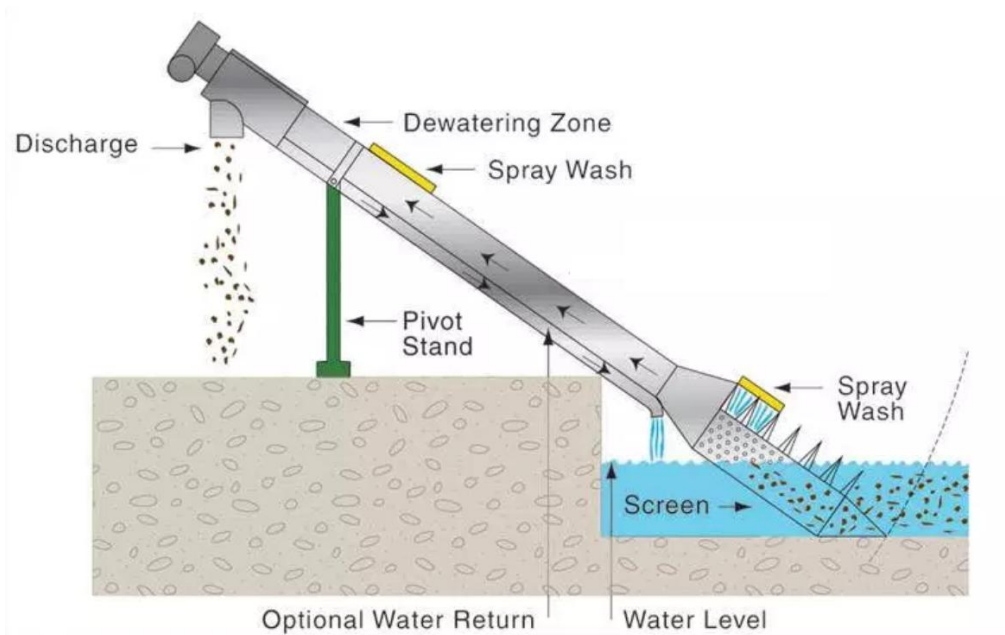
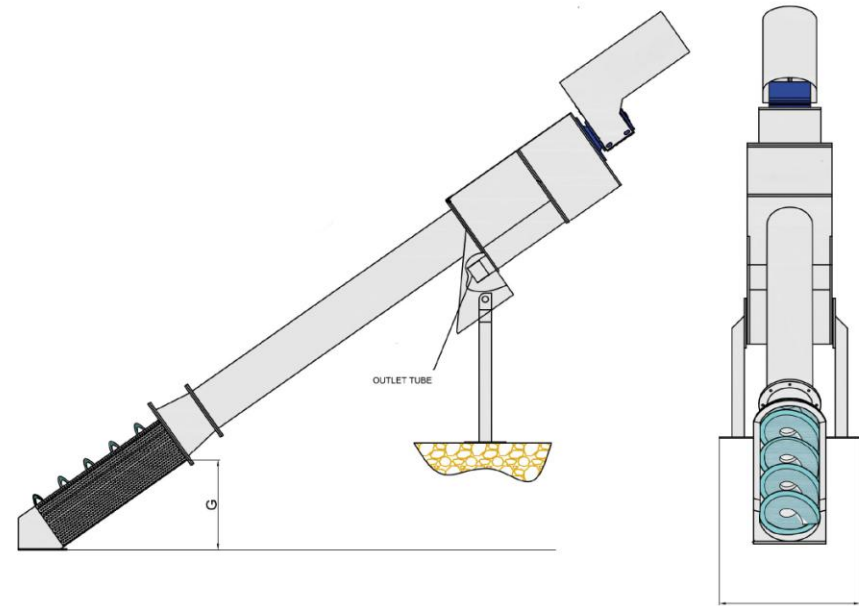


# *Spiral Screw Screen*



## Spiral Screw Screen:

The SPIRAL SCREEN is useful to pre-treat any kind of sewage water being it municipal or industrial. Following the application, there are two different versions: screw screen directly installed in the channel or screw screen supplied complete with tank, with liquid inlet and outlet flanges and, at request, with lateral by-pass screen. For both models, you can choose the version with or without compacting zone. The main advantages of these models of machines are mainly the low cost of initial investment and the subsequent little maintenance required.



### Operation: -

Waste or wastewater passes through (screen) which is installed in the Channel. While water passes through this Screen, particles bigger than the hole/pore size is retained inside the pipe and conveyed to discharge point via a screw installed inside the screen. At the circumference of the conveyor a brush is mounted to clean the surface area of the screen. Optionally, nozzle type washing system can be inserted in to the system to clean the screening during conveying to prevent odor and hazard problems related to screening.



## Specifications:

<b>Materials</b>	Pipe	SS 304, SS 316, SS 316L, SS304L
	Screw	SS 304, SS 316, SS 316L, SS304L
	Length	the total length may be varied to meet the plant lay-out specifications
<b>Inlet Flow Rate</b>	Upto 1250m <sup>3</sup> /hr	
<b>Basket Cleaning</b>	With Bolted Brush	
<b>Connections</b>	Flanged or Open Discharge	
<b>Screen Size</b>	3- 10 mm Perforated Holes, 0.25 -3 mm Wedge Wire	
<b>Inclined Angle</b>	35 Degree Or 45 Degree	
<b>Application:</b>	Ideal for both Municipal and Industrial use	
	Wastewater Treatment Plants (WWTP)	
	Reservoirs, Pump stations, Dams,	

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## Features & Benefits

- Compact construction with cost-saving design
- Screw size customized to the required flow
- The discharge height is adaptable to the plant requirements
- Excellent service access
- Integrated dewatering unit
- Can be supplied installed in steel tanks
- Low operating costs
- Service friendly pivotable design

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