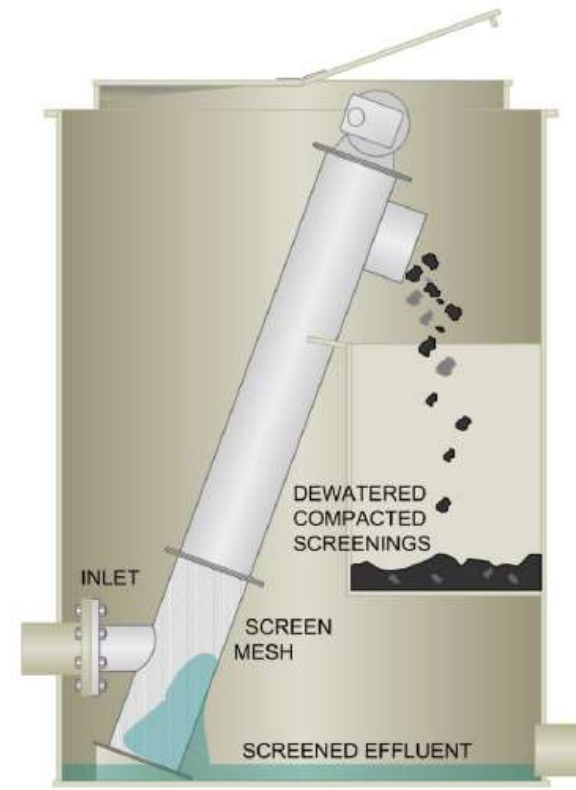
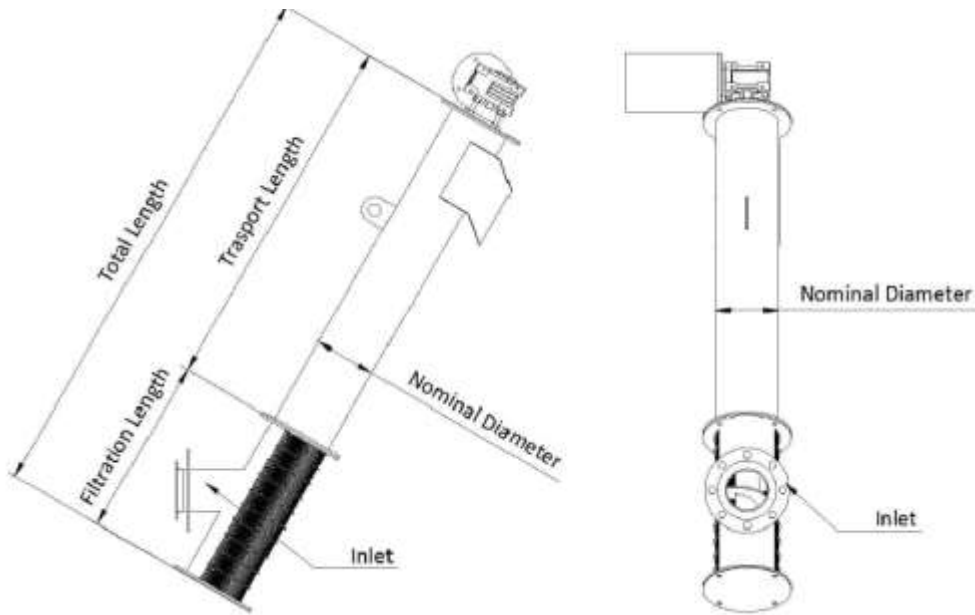


# *Small Screw Screen*



## Small Screw Screen:

MINI SCREW is used for solid separation. They feature a screen basket, perforated sheet or wedge wire, depending on the type of application, followed by the transport section and a discharge spout that can be provided with a chute or a bagging system. Screenings are conveyed by a shaft provided in the screen basket section with bolted brushes to keep the basket clean. The machine is usually installed with inlet pipe.



### Operation: -

During operation, solids in the incoming flow will progressively collect on the screen mesh. At a pre-set inlet water level, the spiral will be activated and convey the solids up to the pressing zone; brushes fixed to the periphery at the lower section of the spiral will clean the screen mesh.

Solids or screenings are compacted and dewatered and, depending upon the solid properties, a volume reduction up to 40 percent dry solids can be achieved prior to discharge.



## 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>Screen Nominal Diameter</b>	150 mm	
<b>Surface Finish</b>	Interior/exterior	Matt finish, Mirror finish, Electro Polish (Optional)
<b>Connections</b>	Inlet	Flanged As per B 16.5, 150# Or Customize
	Discharge	Flanged or Open Discharge
<b>Screen Size</b>	2, 3,5 and 6 mm Perforated Holes,	
<b>Flow Capacity:</b>	Up to 110 gpm (414 lpm)	
<b>Application:</b>	<b>Typical applications</b> include small pumping stations, sumps, and manholes.	
	<b>Industrial Applications</b> like as small sewage treatment works, industrial effluent, process liquid Screening, sludge, and scum screening.	
	<b>Commercial applications</b> such as restaurants, laundries, carwashes and more.	

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## Features & Benefits

High quality and reliability at low cost  
Quick and easy installation  
Retrofit capability  
Reliable, automatic, self-cleaning operation  
Eliminates pump clogging  
Approx Weight 35 Kg

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