

## VERTICAL SCREW SCREEN

For Pump & Lift Station

### DESCRIPTION

VERTI SCREW screens are used to pre-treat any type of wastewater, whether municipal or industrial, but especially for the use in pumping stations, to protect the pumps. Depending on the type of application, it is possible to choose between 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.

### BENEFITS :

- Protect your pumps
- Retrofit in any Pump Station & Lift Station
- Capture all wipes and fibrous wastes



Pump station



Food industry

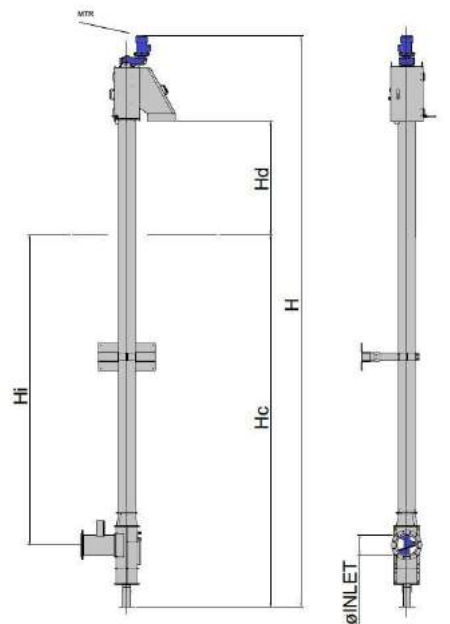
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### MANUFACTURING FEATURES

The screw is always shaft less type. The machine is constituted by a screen basket of Stainless Steel that may be "open-type", that is directly installed in the channel or pit, or "closed-type" that can be coupled directly with the pipe from which the wastewater comes. The screen basket is cleaned by reinforced and bolted brushes, easily replaceable once worn out.

These machines guarantee excellent performance even in the presence of fibrous or particularly long products, that do not cause clogging or blocks. In the standard model the washings in the screenings, in the transport and in the compacting area are always included. Sprays are controlled with a manual valve. The vertical screw screens, being them with or without compacting zone, lend themselves to a large variability of customizations, to make applications highly functional, according to the application.



Dimensions (mm)		Model					
		VSS 200	VSS 300	VSS 400	VSS 500	VSS 600	VSS 700
Inlet		DN 200	DN 200	DN 300	DN 300	DN 500	DN 500
H		5500	5500	5500	5500	5500	5500
Hc		2900	2900	2900	2900	2700	2700
Hd		1500	1500	1500	1500	1500	1500
Hi		2100	2100	2200	2300	1800	1800
Opening		Flow m <sup>3</sup> /h					
Wedge wire	0,25 mm	50	87	137	275	500	725
	0,5 mm	100	150	212	487	687	925
	1 mm	112	205	300	650	900	1325
	2 mm	212	262	375	775	1037	1675
∅	3 mm	250	300	450	800	1150	1850
	5 mm	350	387	650	990	1475	2300
	6 mm	375	462	700	1050	1500	2450
	7 mm	450	525	875	1200	1625	2500

