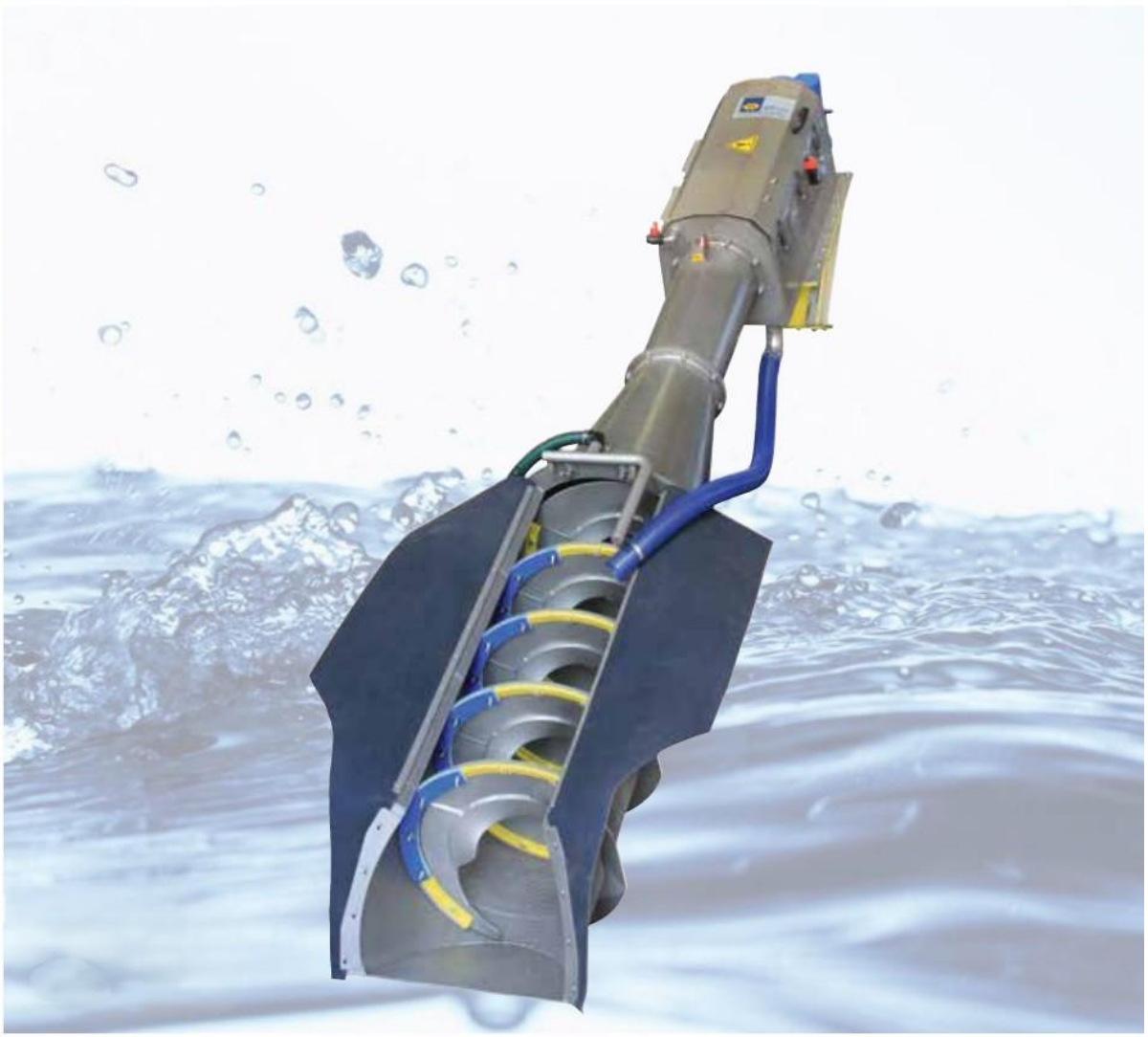
WASTE WATER & SLUDGE TREATMENT

Screw Screen









Screw Screen

DE-WATERING, CONVEYING AND COMPACTING ALL IN ONE

Designed for combined action of separation of solids present in the effluent, as well as compaction and dewatering of screened solids. It consists of a perforated screen basket, a conveyor screw and a compacting module.

Suitable for applications in which screenings do not have to or must not be compacted (e.g. plastic materials).

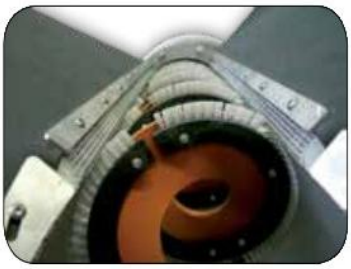
Technical features

- Fabricated parts entirely manufactured from 304 L / 316 L SS
- Flow rates up to 1,000 m^3/h (590 c.f.m.)
- Perforated or wedge wire screen basket in various mesh sizes
- Shaftless conveyor screw manufactured from 304 / 316 SS or special high resistance steel
- Versatile unit for concrete channel installation
- No outlet end bearing, no intermediate bearings
- Solids extraction up to 0.33 dm^3/s




Insulated Discharge Module


Outlet Top View

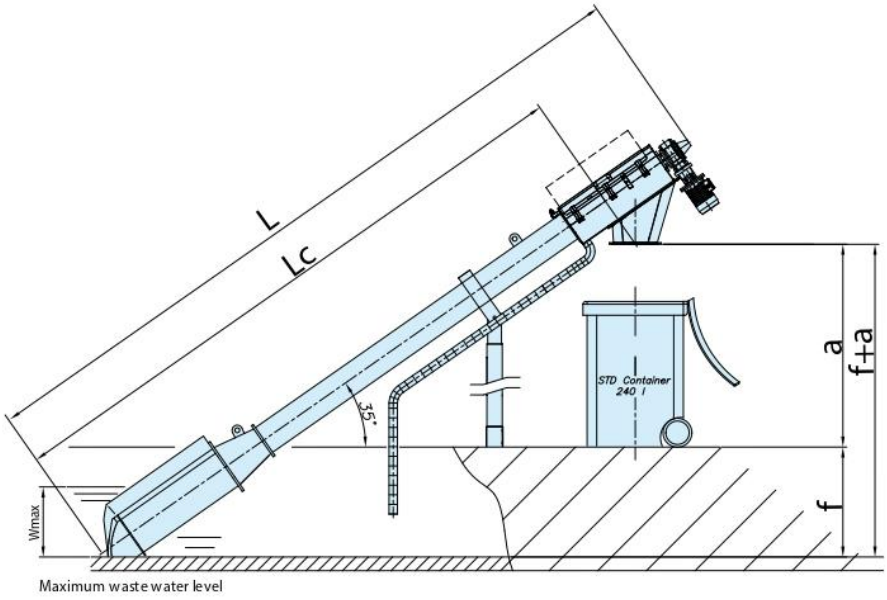

Inlet Screen Basket

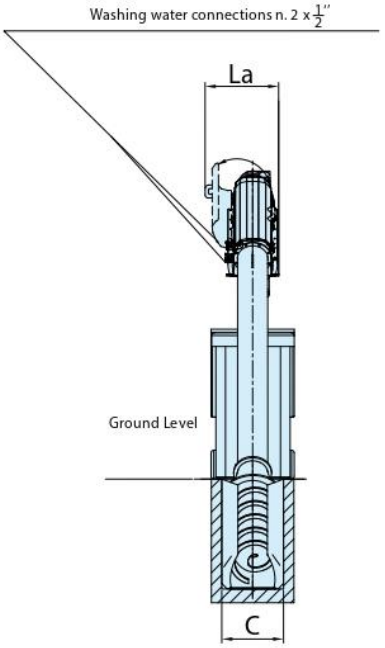
Outlet Sections

Benefits

- ✓ **Stainless steel version with polymer brushes enables use with acidy or basic liquids;**
- ✓ **Easy installation and maintenance thanks to modular design;**
- ✓ **Low operation noise level;**
- ✓ **Reduced energy consumption.**

Overall Dimensions





Lc		L		H		a		f	W	La	C	
min.	max.	min.	max.	min.	max.	min.	max.		max.		min.	max.
2,500	8,000	3,500	9,000	2,250	5,400	340	3,500	800	460	700	300	370
2,500	8,000	3,500	9,000	2,250	5,400	350	3,500	800	510	700	400	470
3,000	9,000	4,000	10,000	2,250	6,000	650	4,100	800	610	700	520	650
3,500	9,000	4,700	10,200	3,000	6,150	880	4,040	800	680	800	620	750
4,000	9,500	5,200	10,700	3,280	6,440	1,180	4,340	800	790	800	720	850

Accessories

- Bag-clamping system
- Endless tube
- Installation angle adapter
- Collar

Application





