

Screw Screen WASTEMASTER® GCE - GCP



DE-WATERING, CONVEYING AND COMPACTING ALL IN ONE

WASTEMASTER® GCP is 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.

WASTEMASTER® GCE is identical with WASTEMASTER® GCP except for the missing compacting zone. GCE is suitable for applications in which screenings do not have to or must not be compacted (e.g. plastic materials).

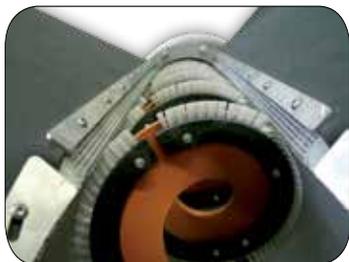
The great flexibility of SPEC0® Screw Screens makes them the ideal choice in a variety of applications for intermittent operation.

Technical features

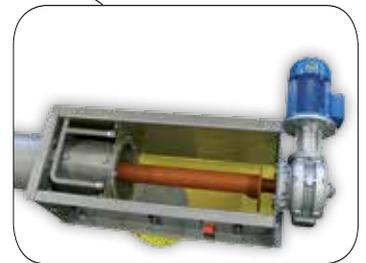
- Fabricated parts entirely manufactured from 304 L / 316 L SS
- Flow rates up to 1,000 m³/h (590 c.f.m.)
- Perforated or wedge wire screen basket in various mesh sizes
- Shaftless conveyor screw manufactured from 304 / 316 SS or special high resistance steel
- Versatile unit for concrete channel installation
- No outlet end bearing, no intermediate bearings
- Solids extraction up to 0.33 dm³/s



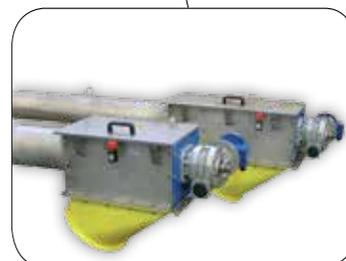
Insulated Discharge Module



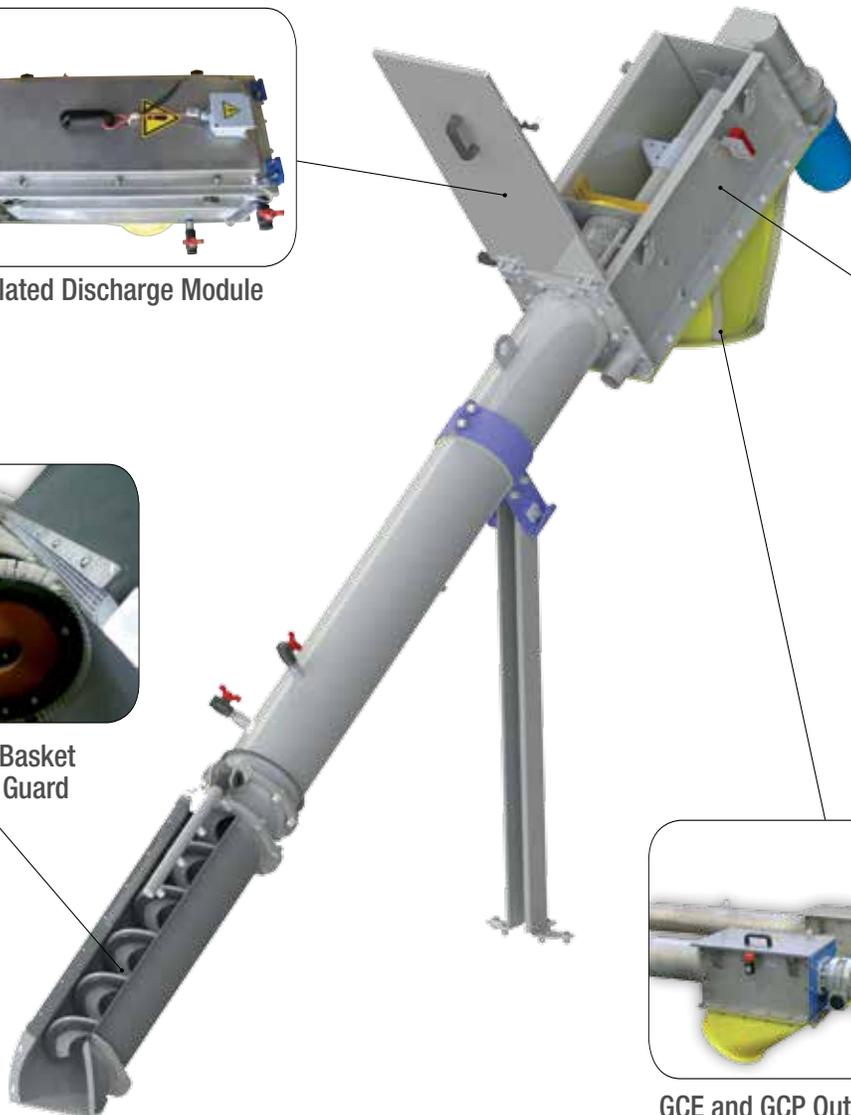
Inlet Screen Basket with Splash Guard



GCP Outlet Top View



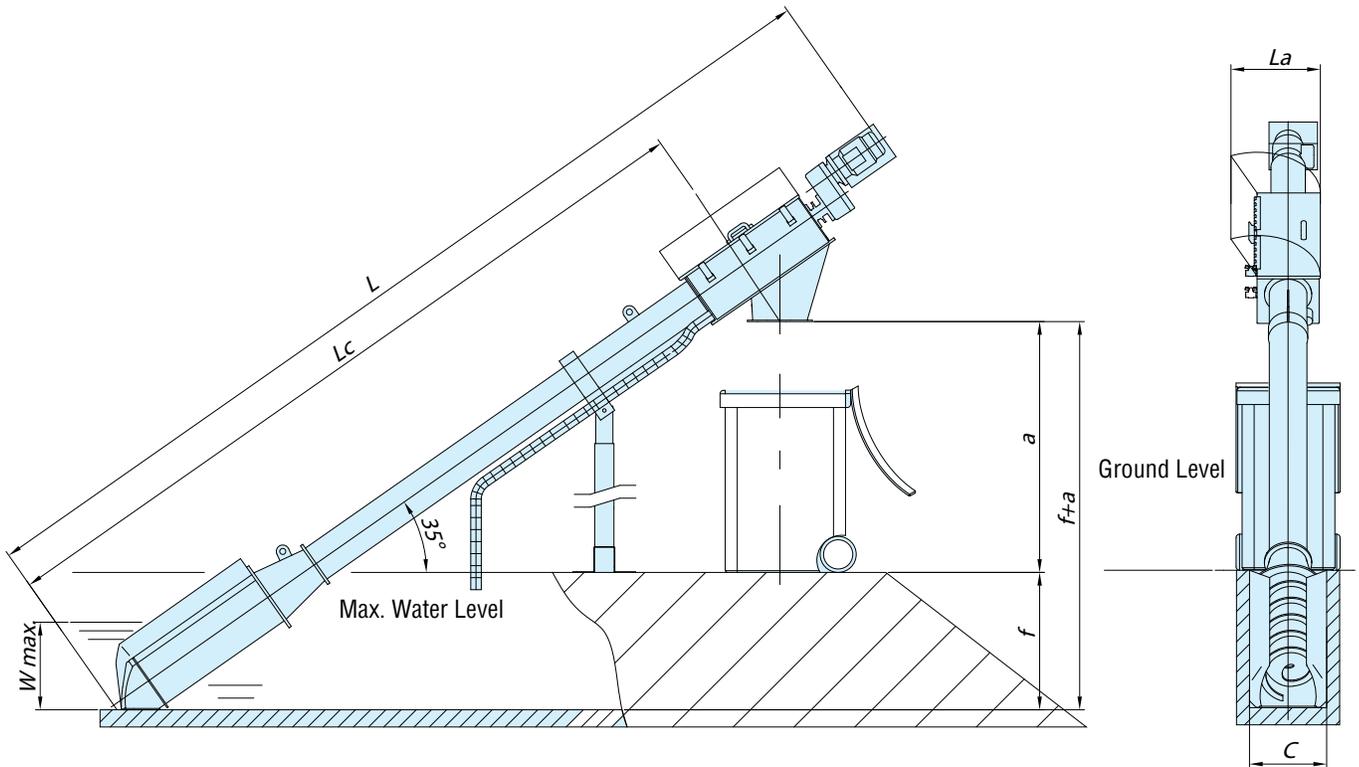
GCE and GCP Outlet Sections



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



Type	Lc		L		H		a		f	W	La	C	
	min.	max.	min.	max.	min.	max.	min.	max.				min.	max.
300	98.42	314.96	137.79	354.33	88.58	212.60	12.20	137.79	31.50	18.11	20.47	11.81	14.57
400	98.42	314.96	137.79	354.33	88.58	212.60	13.78	137.79	31.50	20.08	20.47	15.75	18.50
500	118.11	354.33	157.48	393.70	88.58	236.22	25.59	161.42	31.50	24.02	20.47	20.47	25.59
600	137.79	354.33	185.04	401.57	118.11	242.13	34.65	159.05	31.50	26.77	29.13	24.41	29.53
700	157.48	374.01	204.72	421.26	129.13	253.54	46.46	170.87	31.50	31.10	29.13	28.35	33.46

Accessories

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

Application



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