

Vertical Screw Screen WASTEMASTER® GCV



DESIGNED FOR PLANTS WHERE SPACE IS AN OPTION

The waste water enters the WASTEMASTER® GCV Screw Screen through a flanged connection with the supply pipe. WASTEMASTER® GCV carries out solids-liquid separation with great efficiency by de-watering and compacting the effluent in a special discharge module.

By providing continuous cleaning of the screen, special brushes on the outside diameter of the screw flight optimise separation efficiency.

The collar clamp brackets and the optional base frame ensure quick and easy installation.

Technical Features

- For municipal and industrial solids-liquid separation of effluents
- All fabricated parts in 304L / 316L stainless steel
- Screw in 304 / 316 stainless steel or special high-resistance steel
- Flight brushes for continuous cleaning of the screen
- Screens with different mesh types (0.12", 0.24" or 0.4")
- Great versatility of application due to wide range of accessories



Insulated discharge module



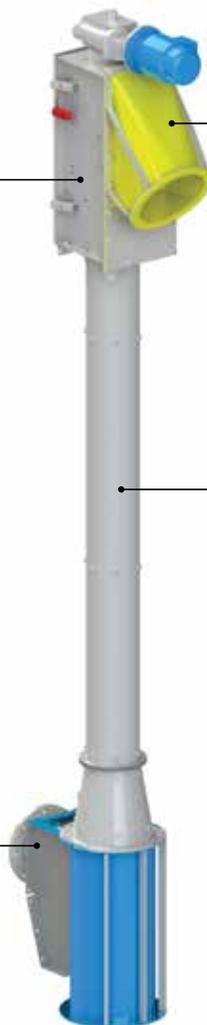
Highly efficient outlet spout in plastic material



Inlet spout and split screen basket



Washing tube



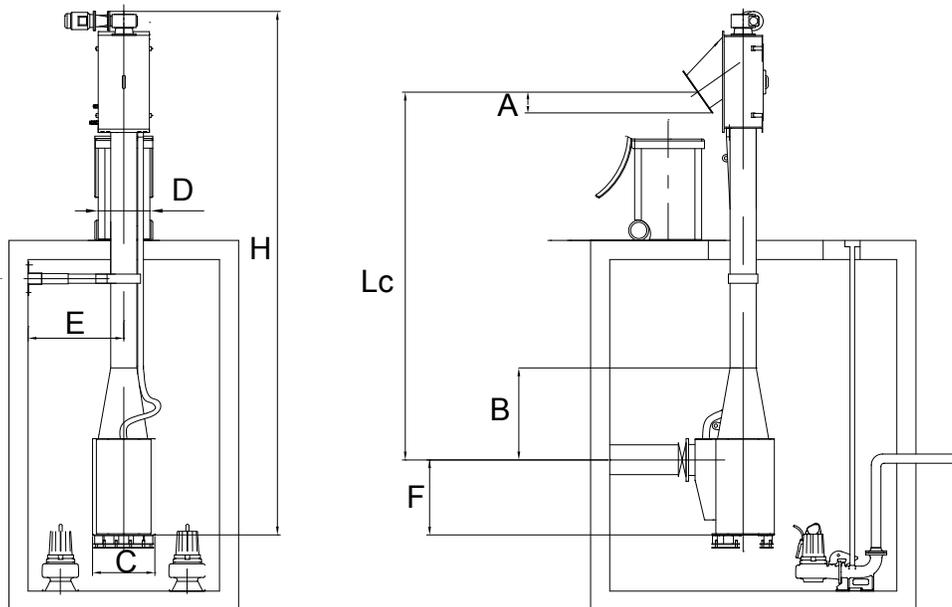
MODEL	FLOW RATE (0.12") [cfs]	FLOW RATE (0.24") [cfs]	FLOW RATE (0.4") [cfs]	SOLIDS EXTRACTION [cfs]
GCV 300	9.5	12.4	13.2	0.008
GCV 500	18.5	23.8	25.1	0.012

Note: Values related to clean water

Benefits

- ✓ Up to 40% solids volume reduction;
- ✓ Easy to install even where little space is available;
- ✓ Protection of submersible pumps;
- ✓ No particular inspection or frequent maintenance required;
- ✓ Machine components can be easily accessed or replaced thanks to modular design;
- ✓ Outlet installation angle according to customers' request (90° steps).

Overall Dimensions



MODEL	A	B	C	D	E	F	DN	Lc	H	Hp
GCV 300	11.81	19.29	16.93	8.62	12.91	28.74	7.87	from 78.74 to 295.27	from 144.49 to 361.02	1.48
GCV 500	14.76	37.99	25.59	10.75	20.87	36.22	11.81	from 78.74 to 295.27	from 157.48 to 374.01	2.01

Dimensions in inch

Accessories

- Bag clamping system
- Horizontal bracket kit
- Endless Tube
- Adjustable feet
- Elevation feet
- Collar

Application



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