

SCREW SCREEN

GENERAL CHARACTERISTICS

The screw screen can be inserted directly in the channel and offers the benefit of combining various functions in the same machine, such as screening sewage and pressing and dehydrating the solids.

CONSTRUCTIONAL CHARACTERISTICS

SCREENING AREA:

- SEMI-CYLINDRICAL SCREEN made of perforated metal;
- SHAFTLESS SCREW with cleaning brush fitted on the outside.

LIFTING AREA:

- CLOSED CYLINDER, with a special wear resistant coating, on which the screw sits and turns. There are inspection covers made of sheet metal.

PRESSING AND DEHYDRATING AREA:

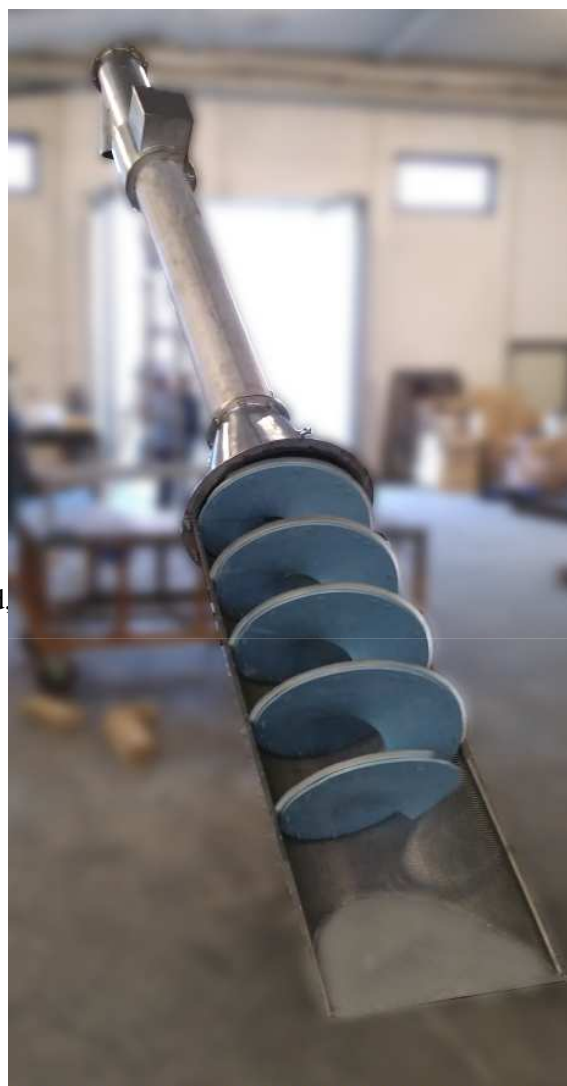
- FULLY PERFORATED BODY for draining the water;
- LINER;
- INTERNAL CLEANING SYSTEM;
- OUTLET for pressed solids;
- OUTLET PIPE for separated water;
- POWERED by direct coupled geared motor;
- SPAN between 2 and 12 mm.

OPERATION

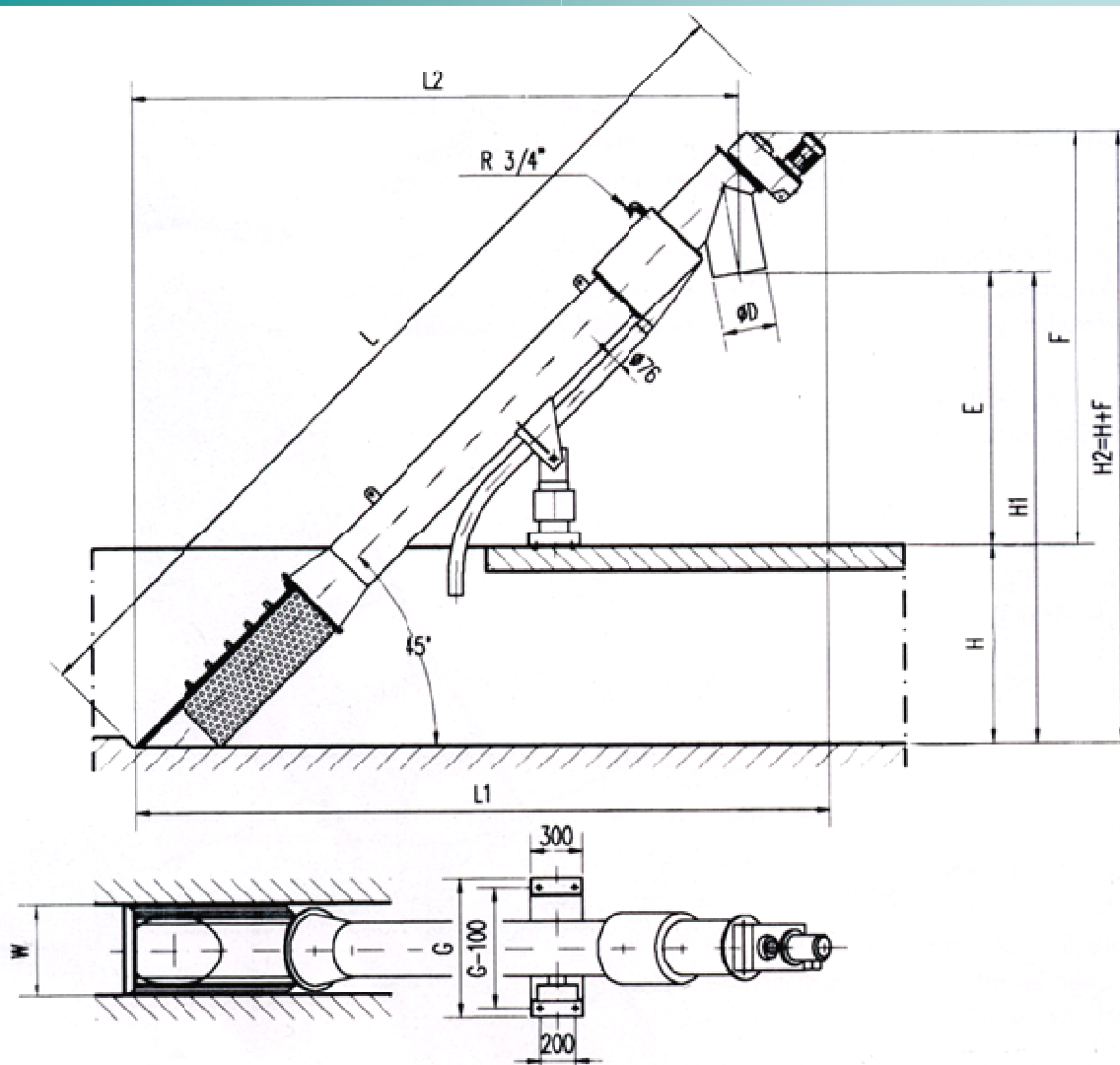
The sewage flows through the semi-cylindrical filtering screen made of perforated sheet metal and the trapped solids are removed by the screw, powered by a gearmotor, which also cleans the filtering screen and lifts and compacts the screened material. The body of the machine is fully sealed.

STANDARD CONFIGURATION

In AISI 304 stainless steel



SCREW SCREEN



Main Features

UNIT

Dimensions

MODELS		GC 400	GC 600	GC 1000
Max length (L)	mm	1,33H	1,52H	1,52H
Screened outlet height (h _s)	mm	1400+h	1400+h	1400+h
Channel height (h)	mm	1000 -3000	1000 - 3000	1000 - 3000
Channel width (W)	mm	400	600	1000
Max height (H)	mm	2200+h	2200+h	2200+h
Scraping screw diameter (d ₁)	mm	273	458	890
Conveyor screw diameter (d ₂)	mm	220	220	300
Power supply	kW	1,5	2,2	2,2

The company reserves the right to make modification and improvements without prior notice.