

COMPACT PRETREATMENT PLANT

MODEL: PPC

Function:

- Removal of small solids of size equal to, or larger than, 3mm. Filtration of sands, oil and grease along with wastes dewatering and compressing system.

Characteristics:

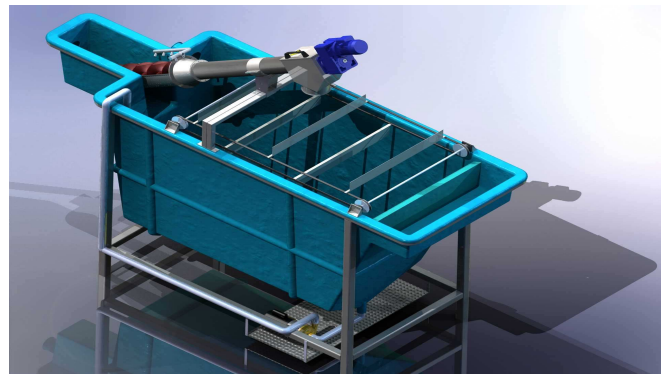
- Body, bases, screens and pipes made of AISI 304 stainless steel. Neat and stripped weldings.
- Screw helixes of the transporters for screening and sand trapping made of reinforced stainless steel with high resistance to erosion.

SCREENING SYSTEM:

- Rotary screen with transportation and compaction of solids, with a treatment system in compression area.

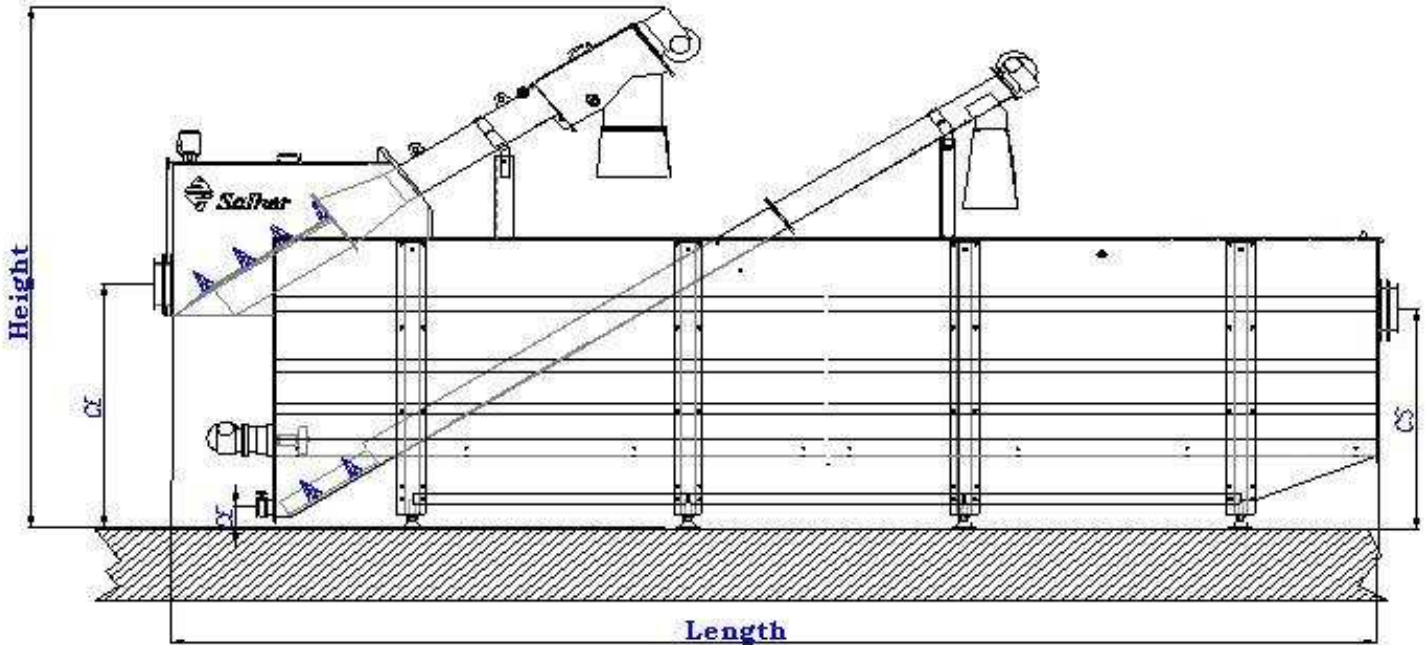
SAND TRAP SYSTEM:

- Longitudinal sand trap tank and special design of strong construction provided with a removable cover, with an air injection system for the separation of organic matters in sand and allow the floating of grease.
- Horizontal screw transporter to supply the extraction screw.
- Transporter with extraction screw to transport, statically dry and release in a tank (tank not included).



GREASE REMOVAL SYSTEM:

- Removes grease laterally and parallel to the sand trap with an automatic grease scraper.

Dimensions, Material and Connections:

Generic scheme

MODEL	Maximum flow [m ³ /h]	LENGTH [mm]	WIDTH [mm]	HEIGHT [mm]	CONNECTIONS Inlet / Outlet / Evacuation / Relief [DN]	MATERIAL
PPC-01	40	3.700	1.200	3.500	200/200/50/100	AISI304
PPC-02	70	5.300	1.200	3.500	200/200/50/100	AISI304

Options:

- PROTECTION ELECTRICAL DASHBOARD.
- BLOWER TO AIR THE SAND TRAP AND ALLOW THE FLOATING OF GREASE.
- STATIC CONCENTRATING-SEPARATING TANK.
- AUTOMATIC WASHING OF THE COMPRESSED AREA.
- AUTOMATIC WASHING OF THE SCREENING AREA.