

SCREENING -
SIEVING



ENVIROSEPT

SCREENING EFFLUENT FROM SEPTIC TANKS



SCREW SCREENING
FOR SEPTIC TANKS



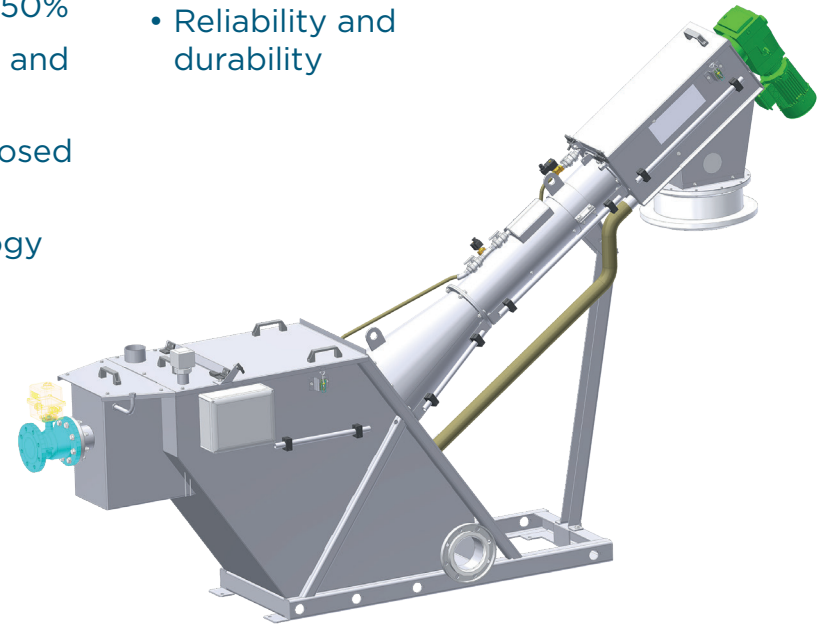
DESCRIPTION / OPERATION

Liquid waste from septic tanks are pumped by specially equipped trucks and are then transported them to the treatment centers. They are sent back to the Septispir screen- compactor in order to carry out the «Liquid/Solid» separation. The connection to the machine is made by quick coupling. While the liquid part passes through the screen, the solids are extracted by the screw and lifted towards the compaction zone in order to be compressed therein.

This compact version is proposed for installation in height. To match with specific applications or installations, it is possible to remove the compacting zone (model SRS) and to connect one or several parallel units to an Enviropress screw compactor model.

SPECIFICITIES

- Solid waste volume reduction up to 50%
- Easy installation and maintenance
- Compact and closed unit
- Proven technology
- Low maintenance costs
- Reliability and durability



SCREENING

The effluent from septic tanks drainage is processed through the cylindrical filtration grid. Due to such design, the effective filtration area is much larger compared to flat screening technology. Brushes are fixed onto the shaftless screw in order to keep the filtration zone clean and flow efficient by rotation during operation.

CONVEYING

The screw is extended to the conveying zone and then to the compacting zone before solid waste discharge. Length is adjustable on case by case basis.

WASHING RAMP

In order to reduce the organic content present in the solid waste, a washing ramp is installed along the screening zone. An additional washing ramp, in option, can be installed along the conveying zone as well.

COMPACTING

On the upper part, the solid waste is compacted in order to remove water and reduce the volume.

WASTE

The screening waste can be either discharged directly into containers or conditioned in continuous closed plastic bagging unit.

MATERIAL

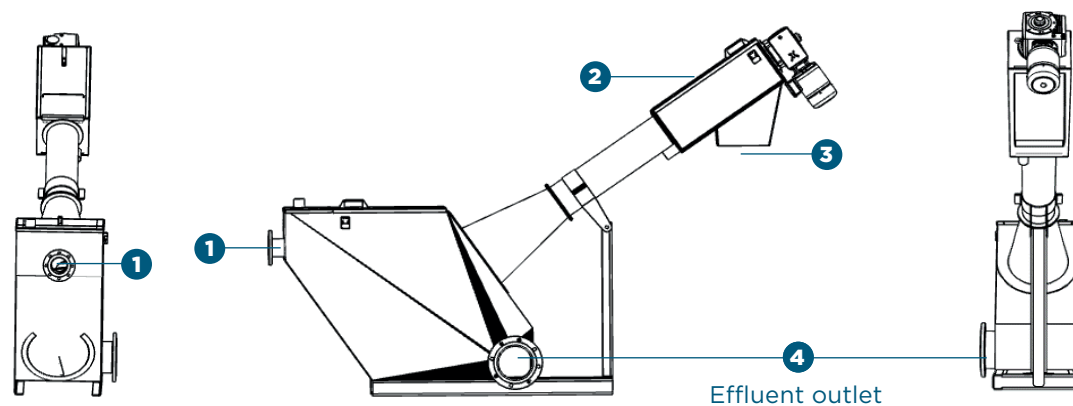
Construction in stainless steel 304L or 316L
Screw in special steel high resistance

PERFORMANCES

Mesh (mm)	hydraulic flow rates with septic liquid waste (m ³ /h)	
	SPS 80	SPS 120
5	60	100
6	70	110
7	80	120
Installed Power (kW)	1,1	1,5

LAY-OUT

- 1 Liquid waste from septic tanks feeding point
- 2 Compacting zone
- 3 Solid waste
- 4 Effluent outlet



DIMENSIONS

Models	Overall dimensions in mm	
	Small	SPS 120
Length	3200	3200
Width	2200	2900
Height	600	900

A STEP AHEAD IN WATER TECHNOLOGY

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