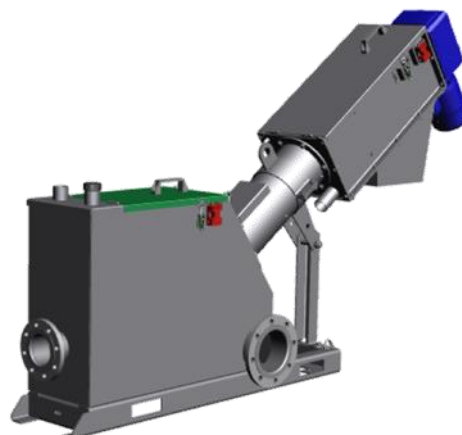


SPIRASCREEN /CP

IN TANK SCREENING – COMPACTING UNIT WITH SHAFTLESS SCREW

SPECIFICITIES

- > Solid waste volume reduction up to 50%
- > Easy installation and maintenance
- > Small footprint
- > Proven technology
- > Low maintenance costs
- > Reliability and durability



DESCRIPTION /OPERATION

The screening-compacting SPIRASCREEN series SRS/CP using shaftless screw is particularly adapted to project where effluent is delivered by pump. The unit insures screening, conveying, and solid waste compacting functions.

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.

○ SCREENING

The effluent is processed through the cylindric filtration grid. Due to such design, the effective filtration area is much larger compare to flat screening technology. Therefore, the ratio between size/flow allows to reduce the overall dimensions of the unit. 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.

○ COMPACTING

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

○ BOX

The coupling to the unit is made by flanges mounted on the inlet and outlet piping. An overflow outlet can be added.

○ WASHING RAMP

In order to reduce the organic content present in the solid waste, washing ramps can be installed at the screening and conveying zones.

○ WASTE

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

TECHNICAL DATA

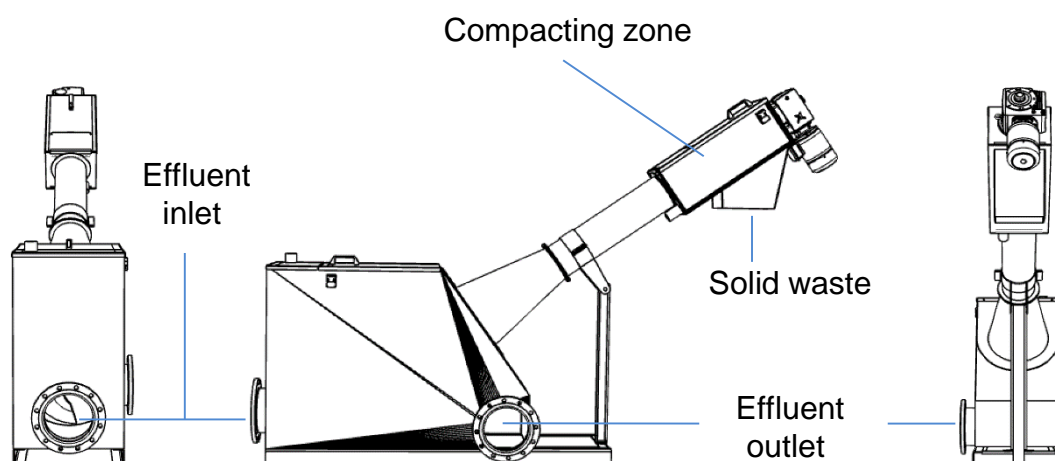
MATERIAL

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

PERFORMANCES

Mesh (mm)	Urban effluent hydraulic flow rates (m ³ /h)				
	SRS 200 CP	SRS 300 CP	SRS 400 CP	SRS 500 CP	SRS 680 CP
0,75	38	76	121	192	359
1	47	94	149	237	443
2	68	136	215	342	638
3	55	110	174	277	517
6	68	136	215	342	638
10	84	168	266	422	788

LAY-OUT AND DIMENSIONS



Models	Overall dimensions in mm				
	SRS 200 CP	SRS 300 CP	SRS 400 CP	SRS 500 CP	SRS 680 CP
Unit length	2300	2300	3200	3200	3600
Length	2500	2500	3200	3200	3900
Height	1500	1500	2100	2100	2400
Width	430	500	600	700	800

(1) Short version = CP/R

The manufacturer reserves the right to make technical and manufacturing modifications without prior notice.
Not all installation possibilities and combinations are indicated. Please consult us.