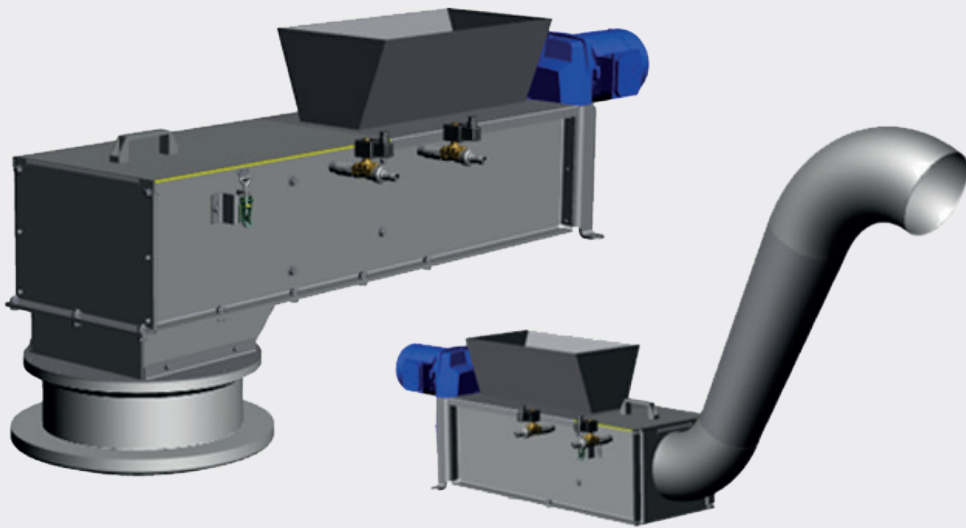


ENVIROCOMPACT

SHAFT SCREW COMPACTOR



WASHING COMPACTING
UNITS SPP1 & SPP2

DESCRIPTION / OPERATION

The shaftless screw compactor Envirocompact insures washing, compacting and dewatering functions of the solid waste from all available solid/ liquid separation technologies.

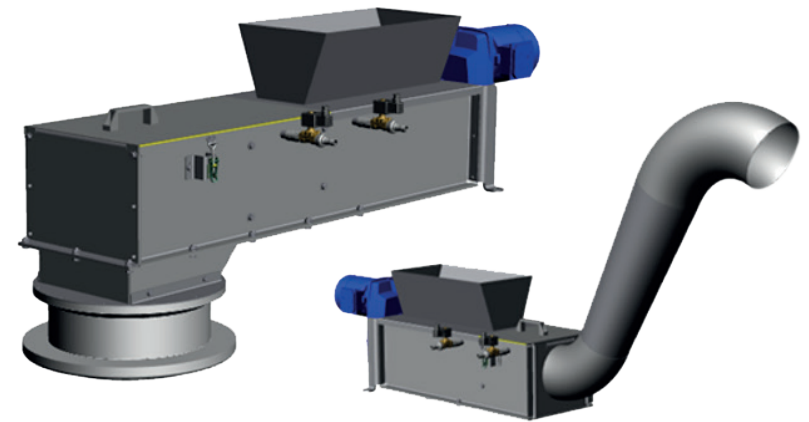
With a custom made hopper, the shaftless screw compactor gathers the solid waste from the screening or filtration systems.

The solid waste is washed through the washing water ramps installed at the feeding area. The organic content is drained under the water pressure through the screen inside of which stands a shaftless screw. After several washing cycles, the cleaned waste are conveyed towards a compacting section with a shaftless screw conveyor, where they are compressed in order to reduce their volume and insure dewatering process.

Solid waste can be discharged into a container or conditioned beforehand in a continuous plastic bagging unit.

SPECIFICITIES

- Solid waste volume reduction up to 50%
- Easy installation
- Small footprint/closed unit
- Easy maintenance
- Low maintenance costs
- Reliability and durability



TROUGH

The trough consists of a double envelope design, one of which consists of a grid for the removal of the organic matter and on which the screw lays.

SCREW

The shaftless screw is manufactured in special hardened steel and lay on PEHD half circle sections. The sections insure sliding of the screw on the screen and continuous cleaning.

COMPACTING ZONE

The Envirocompact is available in two versions: one with a specific adjustable counterpressure system «Conixpress» which allows to adjust the compacting performance of the machine (Model SPP1), the other with a gooseneck pipe which provides a higher point of discharge of the dry waste (Model SPP2).

MATERIAL

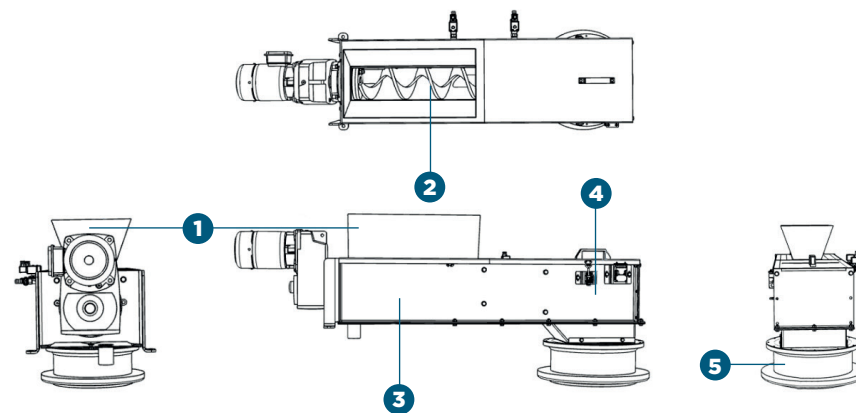
Construction in stainless steel 304L or 316L
Screw in special steel high resistance

PERFORMANCES

Data	Model		
	SPP1- 200	SPP1- 250	SPP1- 300
Flow rates (m ³ /h)	1	1,5	2,5
Installed power (Kw)	1,5	3	5,5

LAY-OUT

- 1 Inlet hopper
- 2 shaftless screw
- 3 Washing zone
- 4 Compacting zone
- 5 Bagging unit



DIMENSIONS

Models	Length in mm			
	Conveying (Mini)v	Compacting	Length	Height ⁽¹⁾
SPP1-200	500	490	480	600
SPP1-250	750	600	530	650
SPP1-300	1000	770	580	700

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