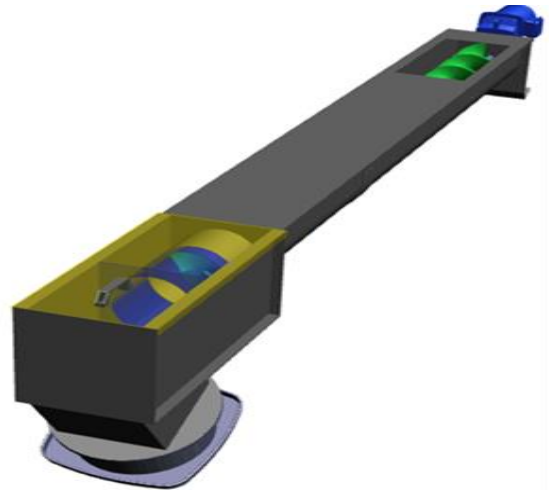


SHAFTLESS SCREW COMPACTOR

SPECIFICITIES

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



DESCRIPTION / OPERATION

The shaftless screw compactor ENVIROPRESS insures conveying, 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 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.

A counter-pressure device at the end increases the overall performance of the unit.

Solid waste are discharged into a container or conditioned in a continuous plastic bagging system.

○ TROUGH

The shaftless screw compactors ENVIROSPIR include closed trough with «U» shape insuring CIP (Clean In Place) conditions with odours limitation

○ SCREW

The shaftless screw is manufactured in special hard steel and lay on a PEHD protection. Rotation speed is set according to each application. The screw is maintained in its axis thanks to the trough shape.

○ COMPACTING ZONE

The compacting grid is designed with two dewatering steps. First step is insuring positioning and centering in its axis. It is designed with stainless steel perforated plate with larger openings than the second step with slotted plate, allowing a pre-dewatering before the ultimate pressure step for a proper solid waste dewatering.

○ DRAINAGE ZONE

At the screw bottom, a drainage zone option can be fitted in order to collect the water extracted from the solid waste, especially when the unit is installed inclined.

TECHNICAL DATA

MATERIAL

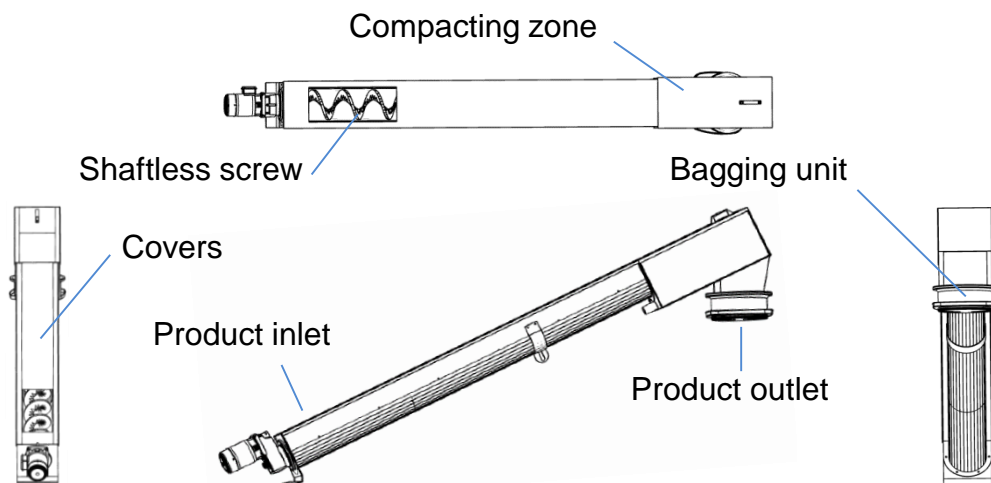
- Construction in stainless steel 304L or 316L
- Screw in special steel high resistance

PERFORMANCES

Datas	Models		
	EPS 200	EPS 250	EPS 300
Flow rates (m ³ /h)	2	4	7
Installed power (Kwh)	1,5	2,2	3

For larger units, please consult us

LAY-OUT AND DIMENSIONS



Models	Length in mm				Width	Height ⁽²⁾
	Drainage	Conveying (Mini)	Conveying (Maxi ⁽¹⁾)	Compacting		
EPS 200	200	500	6000	490	480	600
EPS 250	250	500	7000	600	530	650
EPS 300	300	500	8000	770	580	700

(1) Recommended

(2) Without discharge and bagging unit

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.