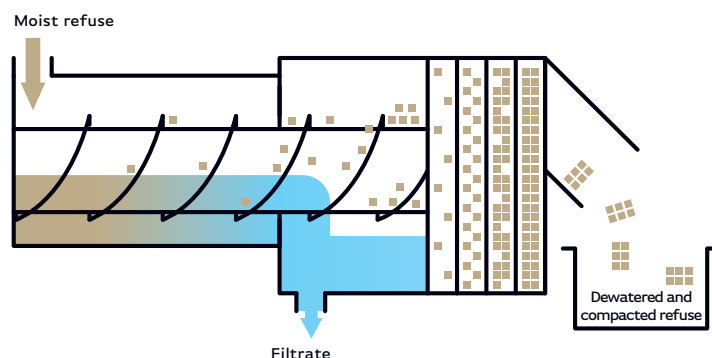


SCREW COMPACTORS

ECOCOMP

Directly inspired from the screw compactor **SERCOMP**, the screw compactor **ECOCOMP** ensures the compaction of screenings and sieving residues in effluents from wastewater treatment and processes.



Principle

Directly inspired from the screw compactor **SERCOMP**, it is designed for small pre-treatment units, due to their slighter construction.

The main differences are a unique Archimedes' screw diameter (150 mm) and a compaction zone length of

300 mm instead of 500 mm for screw compactor **SERCOMP**.

The Archimedes' screw pushes the wet solids in the compaction drum on which end a gate with springs maintains a backpressure.

The drained water is recovered and then channelled towards the waste water well.

Design features

The screw compactor **ECOCOMP** consists of the following elements:

- Housing made out of stainless steel sheet with an inlet opening corresponding to the working width of the sieve.
- In the lower part, a polyethylene lining reduces frictions and the wear of the screw.
- When the screw compactor **ECOCOMP** is associated with a rotary

sieve **SERTAM**, an integral hood on the filtering drum and the trough of the screw ensures a complete operator protection.

- **Housing with upper door**, containing the draining drum.
- This drum, made of a 3mm thick perforated 304L metal sheet, is 300mm in length.
- In its lower part, a tube 76 mm in diameter recovers the drained water.

- **A discharge chute of the compacted waste**, in which an adjustable spring on the gate maintains the required backpressure.
- **An Archimedes' screw**, 150 mm in diameter, made of strong resistance carbon steel.

A 0,75 KW geared motor to drive the screw.

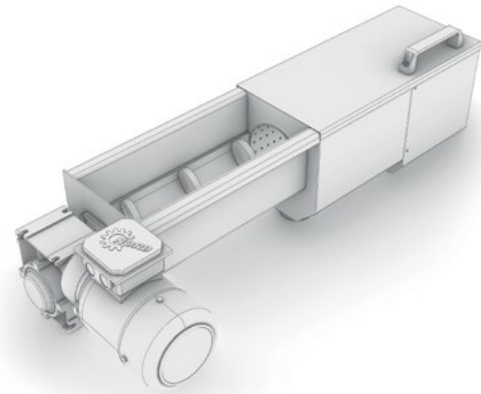
Options

Legs

4 legs in 40 x 40 section stainless steel tube with floor fixing plates.

Archimedes' screw

You can extend the Archimedes' screw to transport the waste further.



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