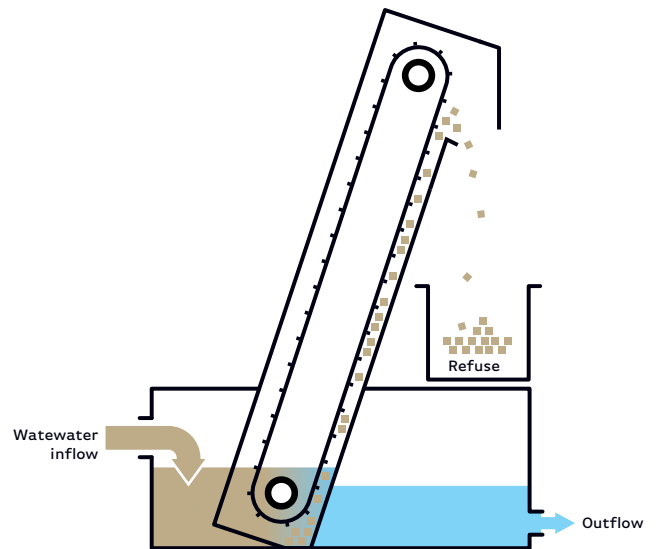


SCREW CONVEYOR

SERVIS

In the screw conveyor **SERVIS**, an Archimedes' screw moves the material. The thick steel coil, without central axis, is so strong that it can work by pulling or pushing.



Principle

In the screw conveyor **SERVIS**, an Archimedes' screw moves the material. The thick steel coil, without a central axis, is so strong that it can work by pulling or pushing.

Bound on a side to the geared motor by an axis, it is free on the other side. A thick

polyethylene cradle acts as a bearing and avoids galvanic coupling and abrasion with the stainless steel trough.

The absence of a central axis reduces the risk of clogging, particularly with fibrous materials.

This configuration is also used in the construction of our screw compactors **SERCOMP** and our sand classifiers **SERSAB**.

Design features

- Housing made of 304L stainless steel;
- 8mm thick Polyethylene lining in the lower part;
- High-gauge steel screw – with high mechanical resistance;

- Gear motor.

We manufacture **8 models** of conveyors with screw diameters from **150 to 600 mm**, depending on the flow rates to be transported.

Screw thread, lengths, supporting feet, the receiving hoppers and the discharge chutes are **adapted upon request**, just as the engine power and its rotation speed.

Options

Jetty

Intermediate jetty with pneumatic operated damper.

Extension

Screw extension (10 m and more) and screw inclination (35-40 ° maximum).

Screw

Double jetty at the ends of the screw.

Screw

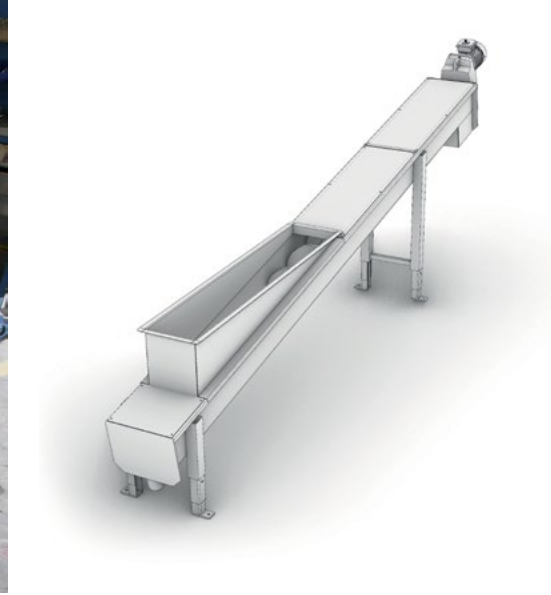
Horizontal, inclined, symmetrical or asymmetrical screw on stainless steel frame pivot or ball crown.

Hopper

Feed hopper adaptable to the outlets of upstream equipment.

Construction

Standard construction in 304 L stainless steel, optional 316 L.



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