

Conveyor CS



Waste water



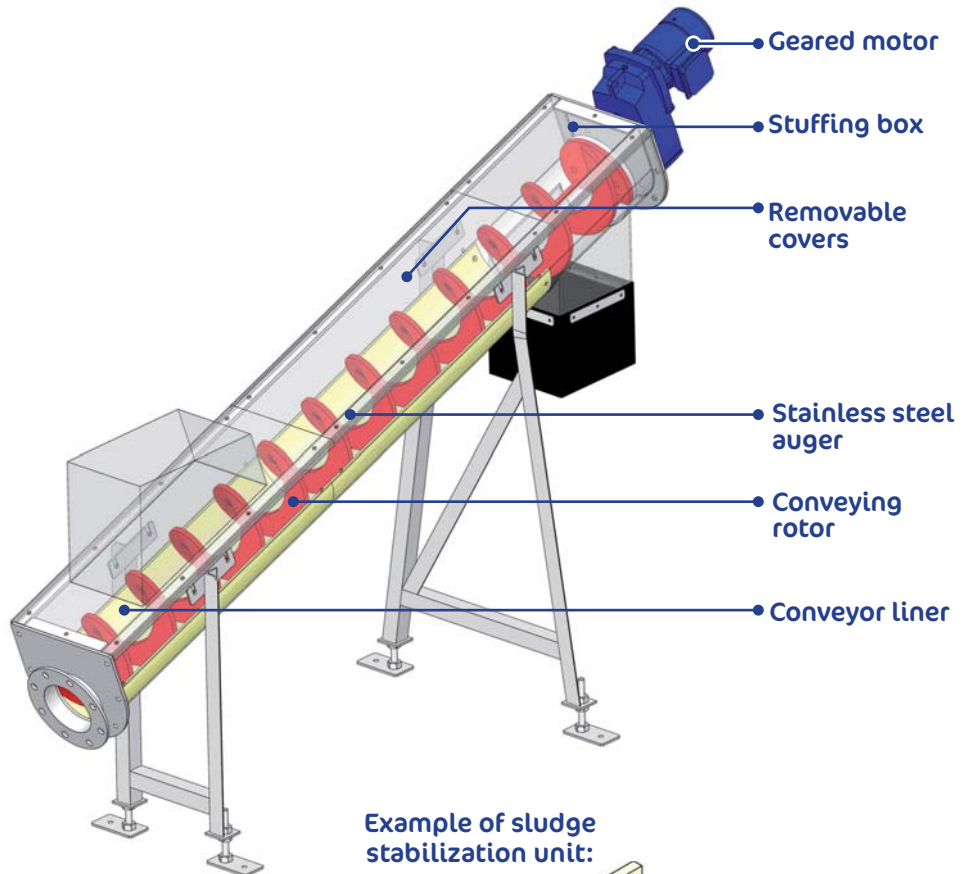
Drinking water

Sludge conveyor

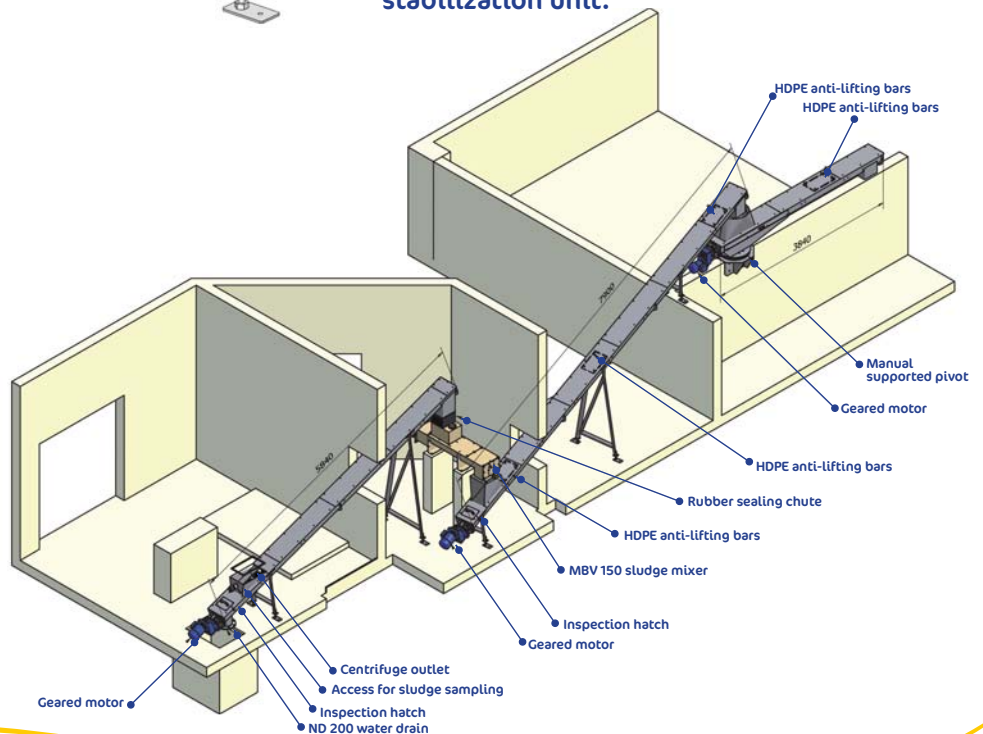
When sludge is dewatered thanks to belt press, filter press or centrifuge, it is necessary to stabilize it for recycling purpose and to convey it to the storage area (skip, silo or designated area).

For this reason, Sodimate has developed sludge handling systems by shaftless conveyors, in addition to the range of MBV sludge mixing units, lime discharge and dosing units.

The conveyor CS is designed specifically for your project, and numerous options are available.



Example of sludge stabilization unit:



Advantages

- Tailor-made conveyor
- Full conveyor integration into turnkey project
- Fully sealed conveyor
- Spiral without welding
- Robust design
- Liner adapted to the product to convey
- High resistance spiral



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Operation

The use of spiral (shaftless conveyor) facilitates the entry of naturally sticky sludge into the conveyor and avoids the use of bearings.

The spiral is sitting onto the conveyor liner which protects the stainless steel auger, improving its lifetime.

A spate of conveyors allow more or less complex conveying layouts (transfer, elevating, inclined conveyors...) in order to transfer sludge from the dewatering machine to the storage area.



Options

- **Modular conveyor length and angle**
- **Motorized or manual pivot**
- **Water drain**
- **Multiple outlets with isolation valves**
- **Metalwork material (SS 304/316)**
- **Vertical transfer**

Type	rotor Ø	auger Ø	Auger thickness	Liner thickness	Max throughput*
CS 224	200 mm	224 mm	3 mm	8 mm	0,5 m ³ /h
CS 260	235 mm	260 mm	3 mm	8 mm	4 m ³ /h
CS 328	300 mm	328 mm	3 mm	10 mm	9 m ³ /h
CS 390	350 mm	390 mm	3 mm	12 mm	13 m ³ /h

* the throughput can vary according to the product and the site design