

## Sludge/Grit Conveyor:

The sludge conveyor is used to transport bulk material between two points without altering feed accuracy or changing product consistency. The unit is designed to be paired with Sodimate's MBV lime/sludge mixer. It can also collect grit from slakers, classifiers and screens.

The CS conveyor comes in different sizes and materials and is engineered specifically for your application.

## Advantages:

- Custom-made conveyor
- Can be integrated into complete turnkey system
- Fully sealed
- Shaftless auger
- Durable and reliable
- Liner can be adapted to specific product
- High-resistance Brinell screw

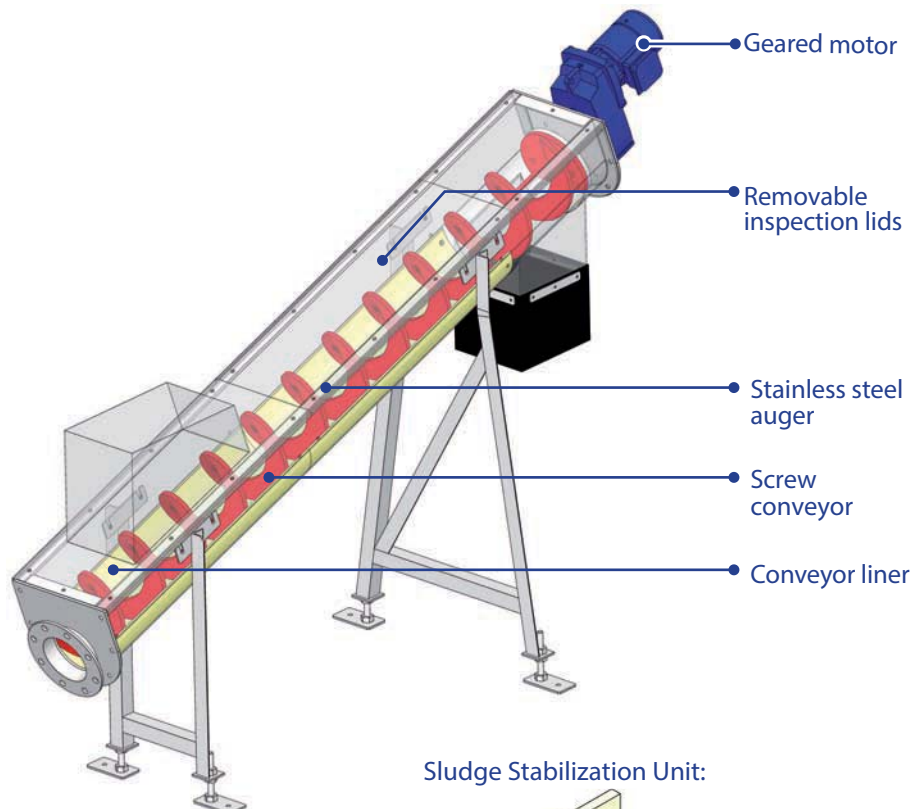
# Sludge/Grit Conveyor



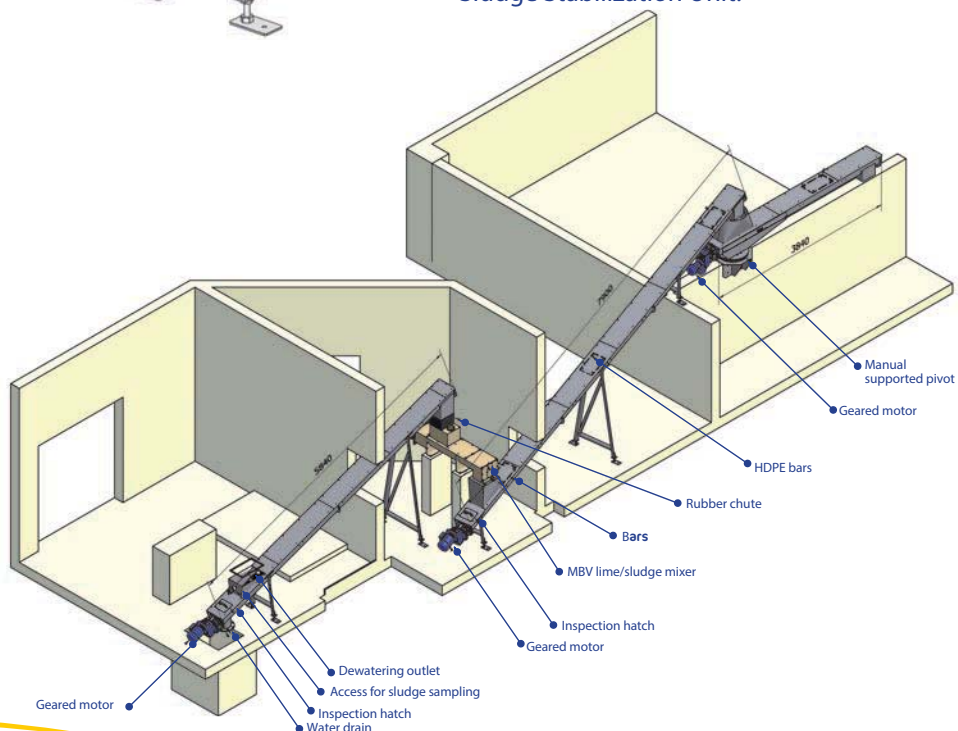
Wastewater Treatment



Water Treatment



Sludge Stabilization Unit:





Wastewater Treatment



Water Treatment

## Operation:

Sodimate uses primarily shaftless screw conveyors for their efficiency and reliability with sludge and grit handling.

The spiral sits on reinforced UHMW liners which protect the stainless steel bottom auger to extend life expectancy. Different liner material can be used to meet the requirements for different sludge characteristics.

Sludge conveyors can be interconnected in various configurations. They can be inclined or horizontal, and can extend up to 100 ft.



## Options:

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

Type	Screw Ø	Screw thickness	Liner thickness	Max feedrate*
CS 200	10"	1/8"	1/3"	20 ft <sup>3</sup> /hr
CS 250	12"	1/8"	1/3"	141 ft <sup>3</sup> /hr
CS 300	14"	1/4"	3/8"	310 ft <sup>3</sup> /hr
CS 350	16"	3/8"	1/2"	460 ft <sup>3</sup> /hr

\*feedrate may vary according to product and site design