

# SCREW AUGER

INCLINED, VERTICAL, HORIZONTAL, AND REVERSING

The Or-Tec OSA Shaftless Screw Auger is ideal for transporting dewatered sludge, screenings, solid waste, and other difficult to convey materials. It is suitable for inclined, vertical, and horizontal installation. The units are available with reversing screws and knife-gate valves to allow for multiple discharge points. This helps ensure even and safe loading of disposal containers or vehicles.

- Shaftless screw conveyor without intermediate bearings which can cause blockages
- No mechanical parts directly in contact with the product being conveyed
- Low maintenance requirements
- Low capital costs
- Stainless Steel Construction



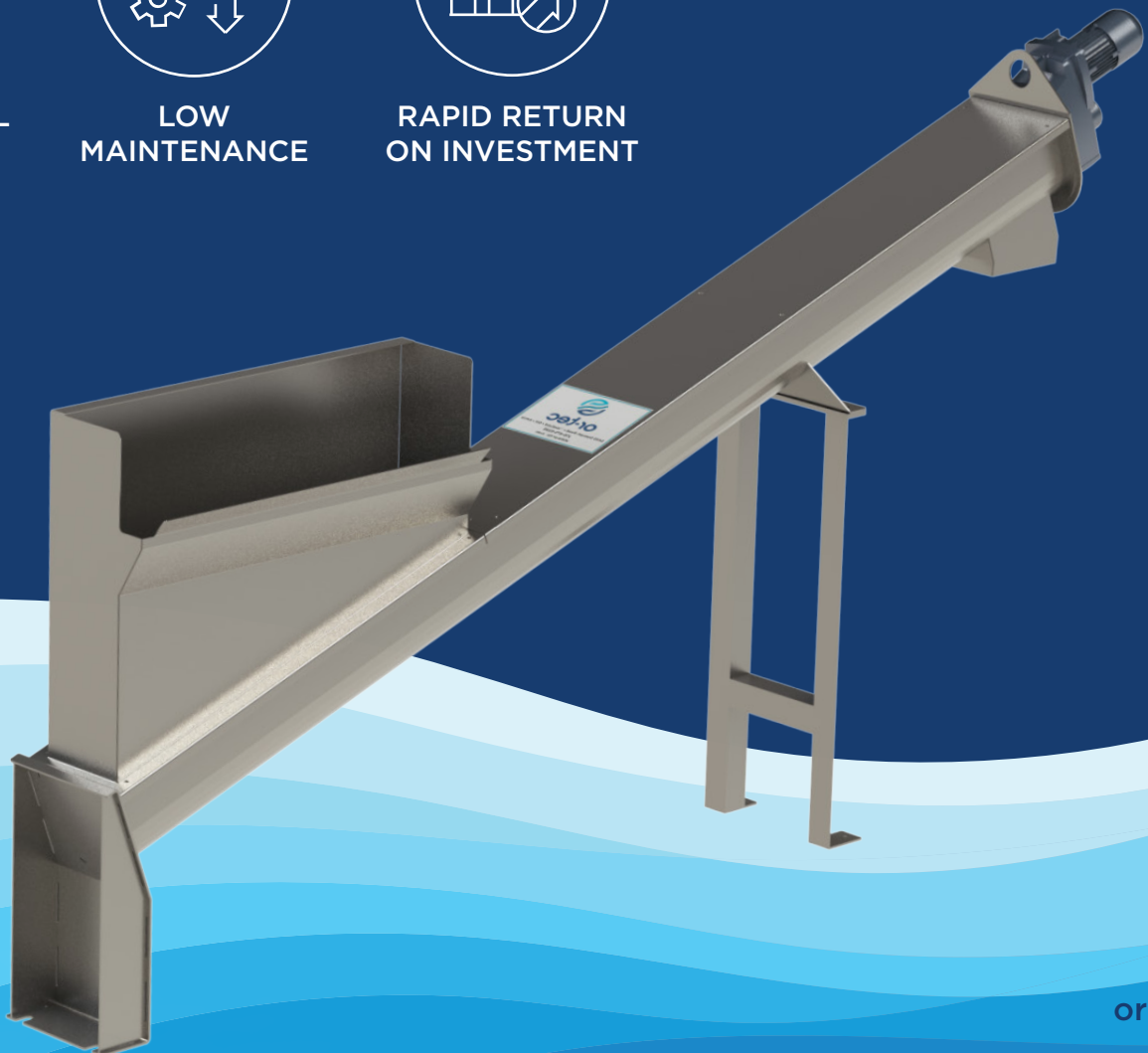
EASY TO INSTALL  
& OPERATE



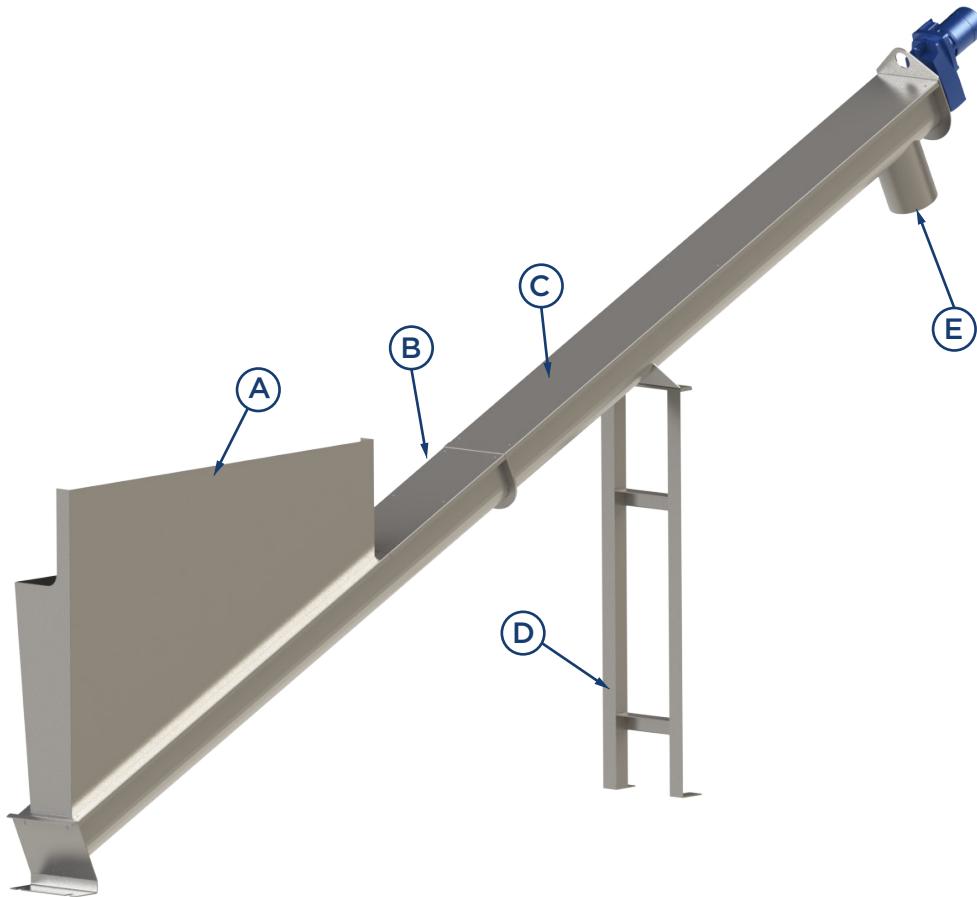
LOW  
MAINTENANCE



RAPID RETURN  
ON INVESTMENT



# MOVING & CONVEYING



- A - Inlet Hopper
- B - Auger Trough
- C - Trough Cover
- D - Support Leg
- E - Discharge Chute

Diameter	Product	Angle	Screw	Length	Capacity	Horsepower	Speed
6"	Sludge Cake	0-15	Regular	60'	52 cu ft/hr	0.75	29 rpm
6"	Sludge Cake	15-30	Reinforced	60'	28 cu ft/hr	1	29 rpm
9"	Sludge Cake	0-15	Regular	60'	105 cu ft/hr	1	29 rpm
9"	Sludge Cake	15-30	Reinforced	60'	60 cu ft/hr	1	29 rpm
10"	Sludge Cake	0-15	Regular	60'	245 cu ft/hr	2	29 rpm
10"	Sludge Cake	15-30	Reinforced	60'	136 cu ft/hr	2	29 rpm
12"	Sludge Cake	0-15	Regular	80'	385 cu ft/hr	3	29 rpm
12"	Sludge Cake	15-30	Reinforced	80'	210 cu ft/hr	3	29 rpm
16"	Sludge Cake	0-15	Regular	100'	805 cu ft/hr	4	29 rpm
16"	Sludge Cake	15-30	Reinforced	100'	455 cu ft/hr	4	29 rpm
20"	Sludge Cake	0-15	Regular	120'	1,575 cu ft/hr	7.5	29 rpm
20"	Sludge Cake	15-30	Reinforced	120'	910 cu ft/hr	7.5	29 rpm

*Listed capacities are for reference only, contact Or-Tec for specific application information.*