

Shaftless **SCREW CONVEYOR**



PRINCIPLE OF OPERATION

Kusters Water shaftless screw conveyors are ideally suited for the transport of difficult materials such as municipal screenings, grit, sludge and other sticky, viscous, stringy materials. The risk of clogging during transport is minimized by using a spiral that does not require intermediate bearings. The open design of the screw allows for higher loading rates than typical shafted designs. The low rpm design of our conveyors provides high torque output while reducing wear of the conveyor components. Our conveyors are totally enclosed, with gasketed hoppers and covers to prevent leakage and control nuisance odors and insects. Kusters Water conveyors are known for their rugged construction and are easily configured to meet most applications or existing site conditions.

Applications

- Wastewater Screenings
- Wastewater Grit
- Wastewater Sludge
- Industrial Process Residues

Benefits

- Low Screw RPM for Long Life
- High Reliability and Low Maintenance Costs
- Small Footprint
- Built to CEMA Standards
- Easily Adapted to Suit Existing Installations

Features

- Rugged Stainless Steel Construction
- Indoor or Outdoor Installation
- UHMW Liners
- Durable, Abrasion Resistant, Alloy Steel Screws
- Screw Sizes up to 24 in.
- Inclines up to 25°
- Lengths up to 50 ft.
- Totally Enclosed with Gasketed Covers
- Safety Pull Cord(s)

Options

- Hinged Covers
- Dual Color Liners for Wear Indication
- Screw Zero Speed Sensing
- Perforated Drainage Section
- Multiple Outlets
- Pushing or Pulling Configuration
- Manual or Automatic Discharge Gates
- Inlet Hoppers with Integral Diverter Chutes
- Washing and Compacting
- Inspection and Overflow Hatches
- Dual Screws



For more information:

 **864.576.0660**

 **info@kusterswater.com**

 **KustersWater.com**

Represented by



717-761-7884
sales@envirep.com
www.envirep.com

KUSTERS WATER DIVISION


Jagenberg Group