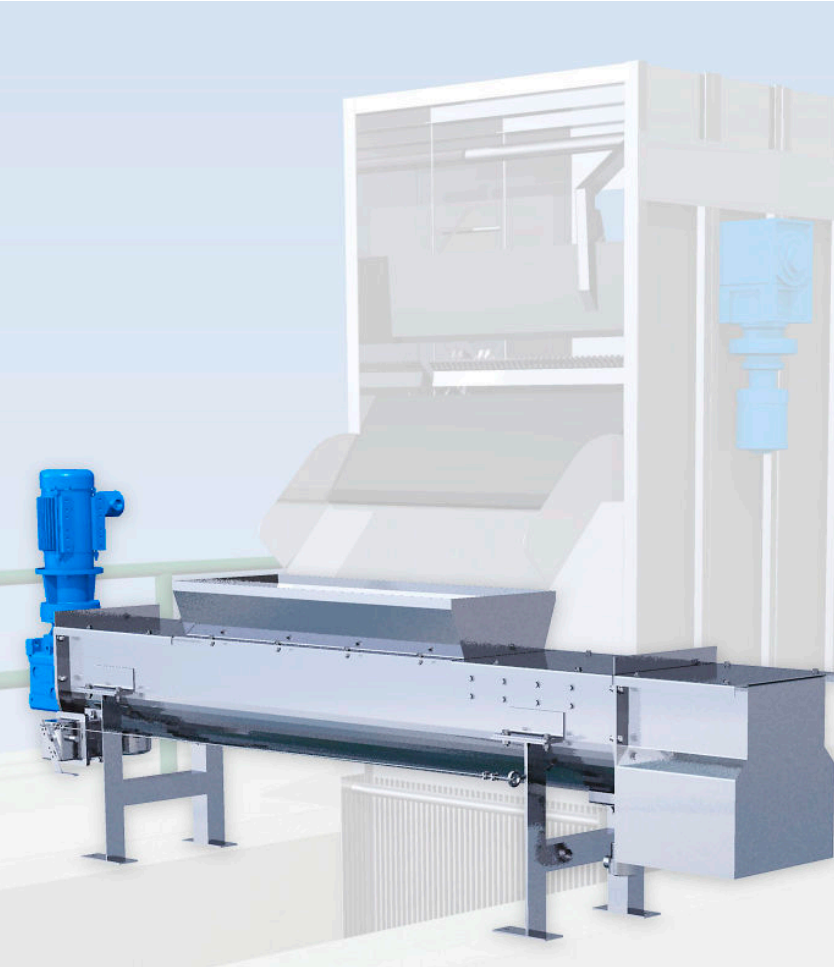


SHAFTLESS SCREW CONVEYOR

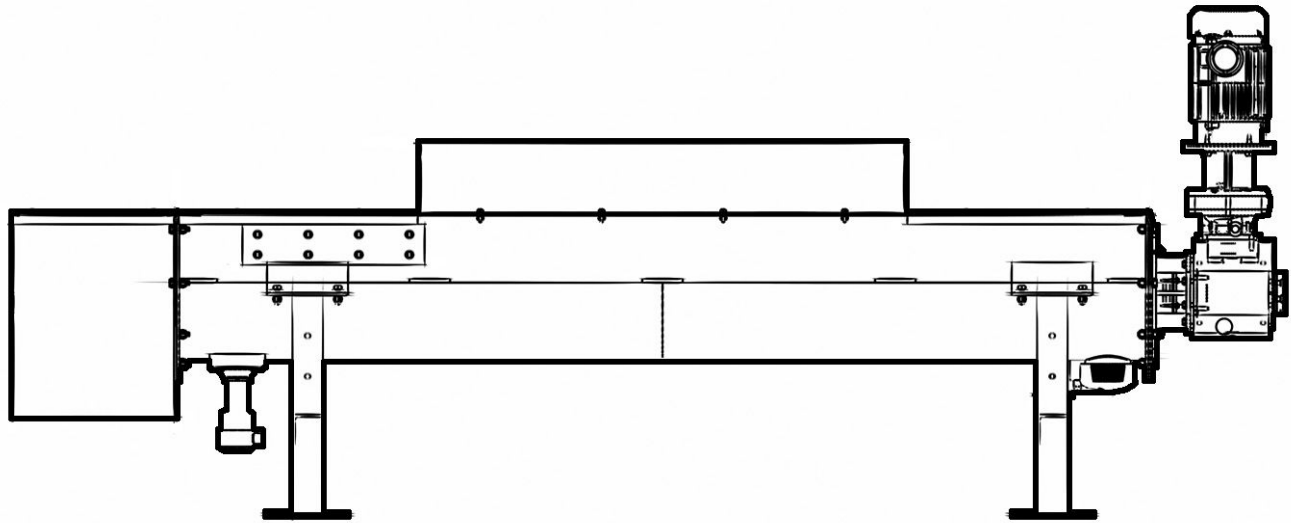
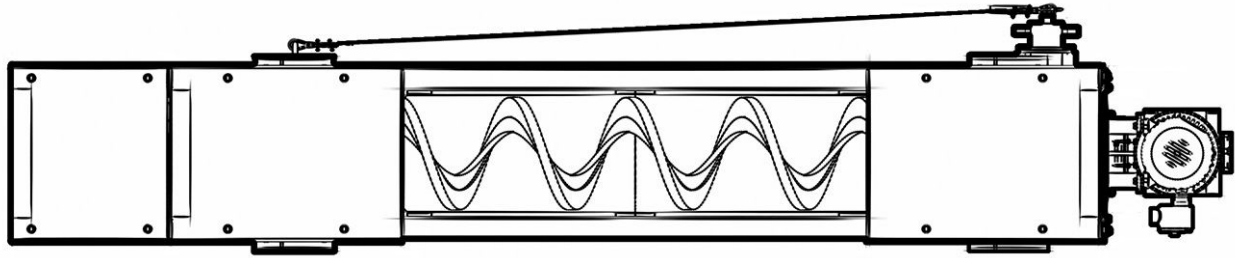
Screenings & Debris Transporting

Ideal for debris in wastewater and industrial applications. Compact and simple design effectively moves materials with low energy consumption and low maintenance. Saves operator time and eliminates manual operations by fully automating screenings handling to the dumpster. Designed to handle screenings up to 50 cubic feet per hour.

- Flexible Design - Unit Length, Number of Inlet Hoppers, and Discharge Options All Customizable to Your Site Needs
- Simple and Efficient Design- Shaftless to Optimize Fill Volume and No Additional Internal Components
- Enclosed U Shaped Trough with Easily Replaceable UHMW Liner
- Horizontal Orientation With Inclined Discharge Up to 25 Degrees
- All Stainless Steel or Non-Corrosive Materials Used
- Meets CEMA 300 Standard



The Duperon® Shaftless Screw Conveyor



GENERAL

Trough width 20 inches
Maximum length..... 32 feet
Auger diameter 11.50 inches
Conveyed materials Screenings

ORIENTATION

Horizontal with incline option
Maximum discharge inclination from horizontal: 25 degrees

CAPACITY

Maximum debris capacity 50 ft³/hour

UTILITY

115/220 volt, single phase
240/480 volt, three phase

TYPICAL MOTOR

1 HP - 3 HP, site dependent

MATERIALS OF CONSTRUCTION

Auger 8620 Alloy, Coated
Hopper inlet(s)/outlets Standard 304 Stainless Steel
Trough body, covers & supports..... Available in 316 Stainless Steel
Trough liner..... UHMW PE
Gaskets..... Neoprene foam

CONTROLS

Optional VFD (Variable Speed)
Loss of rotation sensor

INSTALLATION

(4) 1/2 inch diameter anchors every 8 feet section

SPARE PARTS

1 set packing materials
1 tube of grease

MAINTENANCE

Routine quarterly visual inspections
1 - 3 year trough liner replacement
Recommended gearbox service every 5 years