ENDURA-VEYOR INC.

Performance by Design—
Innovation Through Experience

Top Flight Drag Conveyor

Endura-Veyor Inc.'s innovative Top Flight Drag Conveyor solves product size and jamming issues of typical drag chain conveyors. Bringing the durability of drag chain conveyors to a broader range of applications traditionally handled with Z-style fabric or steel belt conveyors.

FLIGHT & DRAG CONVEYOR

Endura-Veyor's Top Flight Drag Conveyor handles a range of loose, problematic materials and challenging loading conditions like inclines, curves, batch, or surge loading encountered in many recycling and bulk material handling applications. This conveyor is equipped with guided chain driven flights or paddles that are reinforced for tough applications. The flights push material along an abrasion resistant, hardened steel trough or channel making it more durable than traditional belt conveyors. The Top Flight Drag Conveyor can handle high-volume infeed applications without causing interference during top loading, because a single row of chain driven flights, on the top of the conveyor bed, move with material flow. This conveyor brings the best of both types of conveyors together, presenting an abrasion and heat resistant conveyor with zero top loading interference, reducing jams, downtime, costly maintenance, and premature wear.

BENEFITS

- Manages and contains high temperature, sharp, jagged, gritty, wet, or loose materials.
- Accommodates high volume and surge loading. Can be top loaded without interference due to a single row of flights moving in the same direction as the flow of material.
- Maximized usable surface area of the flight for increased efficiency and maximized material movement with each cycle.
- Hardened steel trough, abrasion and heat resistant flights contain loose materials and is less susceptible to jams, overloading, costly maintenance, and premature wear.

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Features

Abrasion Resistant

Reinforced for the environment abrasion resistant and heat resistant flights that move material along a hardened steel trough or channel.

Chain Driven

Chain driven flights provide the durability and reliability of typical drag chain conveyors and keep loose materials contained.

Top Flight

The Top Flight design provides zero interference during top loading and is capable of handling bulky, odd shaped materials that are greater than the flight area.

General Specifications

Model 1500, 1 ½ inch pitch; Model 2500, 2 ½ inch pitch; Model 4000, 4 inch pitch

Frame Material	12-gauge, 10-gauge or 7-gauge for 1 ½, 2 ½, and 4 inch pitch, consecutively
Heights of Side Skirts	6 to 36 inches, straight or flared
Belt Width	6 to 52 inch; custom widths also available
Capacity	1,200, 2,600, 4,000 pounds for 1 ½, 2 ½, or 4 inch pitch, consecutively
Chain	Heavy-duty, double-stranded, hardened steel; stainless-steel and mill-duty available
Flight Material	UHMW, AR Steel or Stainless Steel
Bed Material	AR Steel or UHMW
Options	Self-Feeding Hoppers, Liquid Tight (with drain plug), Discharge Hoods or Chutes, Removable Top Covers, Modular Designs
Example Applications	Machine Fines, Chips, Turnings; Industrial Shredding, E-Scrap, Wood & Pulp, Aggregate, Dry or Wet Sand, Grains, Biomass, Self-Feeding Hoppers, Metering. Batch Loading and more.

About Us

Endura-Veyor, Inc. is a leading US manufacturer of high quality container dumpers, hinged steel belt, drag chain, fabric belt, and magnetic separator conveyors, and other ancillary equipment used in scrap or loose material handling, recycling, manufacturing, and distribution. Endura-Veyor manufactures equipment to meet the performance requirements of each application through an experienced engineering staff. The foundation of our innovative business model maintains flexibility and agility to provide equipment designed to meet the customer's specific needs and site requirements. In addition to high quality products, Endura-Veyor supplies a full range of replacement parts with the most common components in stock and ready for next day delivery. Endura-Veyor supplies equipment, parts, and service through the industry's best system integrators and distributors throughout North America.

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