



Performance by Design—
Innovation Through Experience

Solution Spotlight: Empty Box Removal System

Why Endura-Veyor, Inc.

Endura-Veyor, Inc. focuses on providing superior customer service, competitive pricing, quick and reliable delivery, innovative products, and lifetime technical assistance on everything we sell. We strive to be a Trusted Advisor to our clients by providing applications assistance based on many years of industry experience. Contact Endura-Veyor to see how our innovative high quality products can be put to work for you.



1. Increases efficiency

The system is ideal for increasing efficiency in the handling and transporting of empty OCC boxes and is designed to meet the requirements of each application.

2. Reduces jams

The system design minimizes product jams, improves operational efficiency and worker safety as well as reduces wear and tear on the OCC baling or compacting equipment.

3. Reduces down time

Improves the management of empty boxes which reduces operational and equipment down time, leading to reduced energy consumption to make for an environmentally friendly operation.

Overview

Endura-Veyor's Empty Box Removal System is an innovative OCC trash line conveyor system for the transport and management of empty boxes typically headed for the trash and/or recycling line. The system is designed to meet the operational requirements of each unique site and location. A full system includes the empty box feed conveyors, transport conveyors, and box crusher equipment.



Application: Distribution Center for an International Food Manufacturer

The Challenge

A distribution center for a large cereal manufacturer was experiencing a high number of cycles required by the baler equipment due to the amount of boxes being processed in an unflattened state. This resulted in increased energy consumption and wear and tear on the equipment. Overall the system was slowing down the process.

The Solution

Endura-Veyor's Empty Box Removal System with the box crusher increased the throughput and reduced product jams. The baler cycled 3-5 times less with the box crusher in place which provided a huge savings in cost of operation and overall baler maintenance. The Empty Box Removal System with the box crusher increased production rates and reduced baler maintenance and general wear and tear. The full benefits of the system improves the management and flow of empty box handling, reduces production down time and can lead to reducing energy consumption for a greener operation. The Empty Box Conveyor and Box Crusher offers an efficient way to manage the OCC trash line problem and can be seamlessly integrated with the baler or compactor equipment for an automated solution.

Chamber size of baler	Number of boxes without box crusher	Number of boxes with box crusher
72.5 cu ft	Approximately 5	20 to 25

