

# VECTOR

Conveyor Systems



## VECTOR Conveyor Systems

Integrated Metal Detector Solutions

Simple  
Operation

Outstanding  
Reliability

Exceptional  
Performance

### Overview

**Realize the full potential of your Phantom metal detector with an in-line Vector Conveyor!**

Vector Conveyor systems are specifically geared toward achieving the most accurate detection results by optimizing the performance of Phantom metal detectors. Built specifically to integrate with Phantom rectangular aperture models, Vector Conveyor systems offer a convenient and effective all-in-one solution.

The fully modular hygienic conveyor is constructed rugged to industrial specifications using a Stainless Steel 304 frame, providing resilient performance under the rigors of the harshest environments including washdown. A wide range of belt sizes are offered in standard or heavy-duty configurations.

Available with a choice of reject options, conveyors are custom-designed and configured to meet customers' specific application needs. A Photo Eye sensor can be added to the system, ensuring perfect accuracy of the reject device while enabling unique Phantom detector features such as Pack Count and Reverse Detection.



### Key Technologies

**Detector Sync**  
Optimizes Detector Accuracy

**All-Integrated**  
Complete Detection Solution

**Reject Range**  
Selectable Reject Options

## ADVANCED VECTOR FEATURES

<b>Detector Sync</b>	The Phantom detector identifies the precise operation and timing of the conveyor, providing the most accurate results
<b>All-Integrated</b>	Convenient all-in-one solution is easy to install
<b>Reject Range</b>	Accommodates various reject options
<b>Modular Open Construction</b>	Open box section for easy cleaning
<b>Motor Control</b>	Control box enables start/stop and change of belt speed
<b>Heavy Duty Frame</b>	304 Stainless Steel construction suitable for rugged applications
<b>Custom Design</b>	Application-specific systems are designed to meet the requirements of each customer

## VECTOR CONVEYOR OPTIONS

<b>Reject Mechanism</b>	Air Blast, Belt Stop Alarm, Kicker, Diverter Arm note: Flap Gate and Retract available on non-Vector units
<b>Sensor</b>	Photo Eye (highly recommended)
<b>Speed</b>	Variable
<b>Castors</b>	Plated / Stainless Steel, provide portability
<b>Guide Rails</b>	Standard or Skirted, 2" / 4"
<b>Bins</b>	Lockable reject bins hold contaminated product
<b>Shaft Encoder</b>	Automatically corrects reject timing in the event of belt speed alteration
<b>Frame Angle</b>	Incline / Decline available
<b>Transfer</b>	Side Transfer
<b>Retailers Specification</b>	Bin full, confirmed reject, air pressure sensor
<b>Stackable Light System</b>	Green / Orange / Red beacons
<b>Audible Alert</b>	Alarm or Buzzer

## SPECIFICATIONS

<b>Frame Construction</b>	Stainless Steel (304) tubing
<b>Standard sizes</b>	Width: 6" ~ 24" Length: 36" ~ 144"
<b>Motor Power</b>	1/2 HP or 1 HP
<b>Belt Type</b>	Standard modular plastic or Heavy Duty high strength modular



Make your Phantom metal detector a Critical Control Point with CONTACT Communication Software

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