

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

World Class Metal Detector Technology
www.fortresstechnology.com

ADVANCED VECTOR FEATURES

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

VECTOR CONVEYOR OPTIONS

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

SPECIFICATIONS

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



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

Fortress Technology Inc.

51 Grand Marshall Dr,
Toronto, Ontario
M1B 5N6, Canada
Tel: 1-888-220-8737
sales@fortresstechnology.com

Fortress Technology Europe

7/9 Beaumont Business Ctr.
Beaumont Close, Banbury
OX16 1TN UK
Tel: +44 (0) 1295 256 266
info@fortresstechnology.co.uk

Simple Operation Outstanding Reliability Exceptional Performance

World Class Metal Detector Technology
www.fortresstechnology.com