



## Thermo Scientific Quickfit Standard Conveyors for Metal Detectors



- Easy to configure, install and service
- Robust stainless steel design
- Adjustable heights and lengths
- Fixed and variable speed models
- Designed for food and operator safety

## Cost effective metal detector conveyors

for packaged or bulk flow products

The Thermo Scientific Quickfit metal detector conveyors are a high quality material handling solution for the APEX metal detector family. The design draws on decades of experience and is flexible, functional and easy to use. The most popular options are available, assuring the Quickfit is suitable for the majority of metal detection applications.

# Thermo Scientific™ Quickfit™ Metal Detector Conveyors

## Application and Functional Specifications

Construction	304 stainless steel bead blast frame and rejection systems, arborite slider bed, modular plastic belt
Metal Detector Compatibility	APEX 500 HD, APEX 500 and APEX 100
Belt Widths	6, 12, 18 and 24 inches (152, 304, 457 and 609 mm)
Aperture Widths	7.9, 13.8, 19.7 and 25.6 in (200, 300, 500 and 650 mm)
Conveyor Lengths	48, 54, 60, 66, 72, 84, 90 or 96 inches (1.2, 1.4, 1.5, 1.7, 1.8, 2.1, 2.3 or 2.4 m)
Conveyor Heights	23.5 to 41.5 inches (597 to 1054 mm)
Motor and Gear Box	1/2 HP epoxy painted
Speed Range	30 to 200 feet/minute (9.1 to 61 m/minute)

## Environmental, Electrical and Operational Specifications

Operating Temperature	14°F to 104°F (0°C to 40°C)
Relative Humidity	20% to 90% non-condensing
Electrical Input	115/230 VAC single phase (fixed and variable speed), 230/460 VAC three phase (fixed speed only); 47Hz - 65Hz
Compressed Air (for rejection devices)	80 psi to 100 psi (5.5 bar to 6.9 bar)
Maximum Product Weight	100 pounds (45 kg)

## Conformance Tests and Certifications

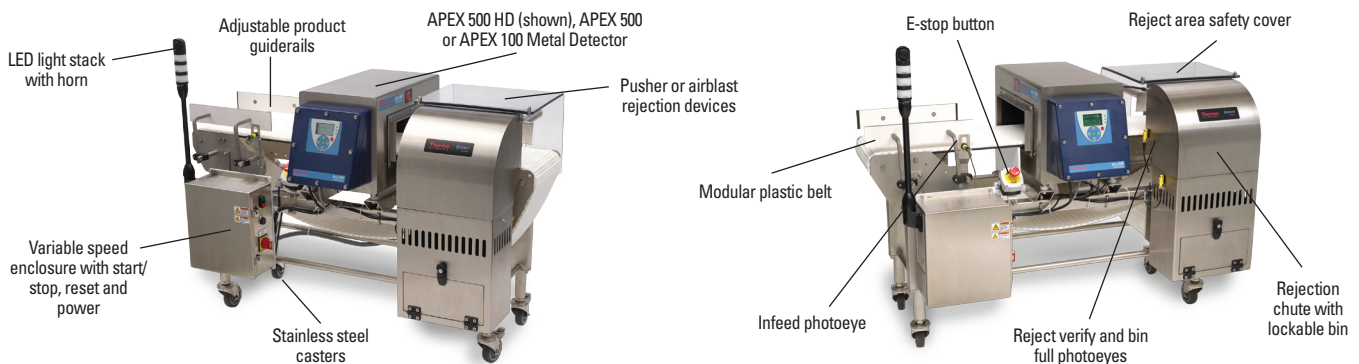
FDA	Food safe belts and rollers
Safety	508A for variable speed enclosure and CSA (optional)
Intrusion Protection Rating	IP66/NEMA4X

## Features and Benefits

- A wide range of widths, lengths and heights for application flexibility
- Fixed or variable speed operation to meet line specifications/preferences
- Rugged stainless steel construction for long term reliability
- Washdown rated to meet demanding sanitation requirements
- Fully configured and tested to assure quality
- Standardized components for easy, fast service

## Optional Capabilities

- Photo eyes for product trigger, reject verify and bin full
- LED lights with horn for warnings, alarms and faults
- Product guiderails
- Rejection devices – air blast or pusher
- Stainless steel rejection chutes/bins (lockable)
- Casters
- Additional e-stops
- Stainless steel motor and gearbox
- Small radius conveyor ends (i.e. nosers)
- Stop belt configurations
- Air dump on e-stop
- Low pressure alarm switch
- Air reservoir tank



[thermoscientific.com/quickfit](http://thermoscientific.com/quickfit)

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