### Metal Detector Conveyor

The MDC (Metal Detector Conveyor) offers a washdown solution for maintaining a metal-free product in a GMP abiding plant.

- CEIA metal detector head offers high-sensitivity and high-precision while being FDA compliant and IP69K compatible in a rugged AISI 316L stainless steel construction.
- Conveyor is solid washdown construction consisting of stainless steel and high performance plastic with many customizable components and features. Conveyors are specifically designed to meet the customer’s needs.

### Specifications (as shown)

- **Metal Detector:** CEIA THS/MS21-350x150
- **Carryway:** UHMW-PE slider bed
- **Belt:** 12” wide polypropylene flush grid belting
- **Frame:** 304 stainless steel square tubing
- **Speed:** Variable to 90 FPM
- **Bearings:** Stainless steel bearing in thermoplastic housing
- **Drive Motor:** ½ horsepower
- **Drive Shaft:** 1” dia. 303 stainless steel
- **Elevation:** 36” +/- 2” top of belt
- **Electrical Controls:** VFD
- **Reject:** Stop upon detection

### Optional Equipment

#### Belting
- Flat top
- Flush Grid
- 1 or 2 Ply Urethane Belting

#### Drives
- ½, ¾, 1, 1.5 HP
- Voltage
  - 110 Volts, 1 phase
  - 230/460 Volts, 3 phase
  - 90 Volts DC motor
- Duty
  - TEFC
  - Wash down
  - Stainless Steel
  - Inverter Duty

#### Electrical Controls
- Manual Start/Stop Pushbutton Switch
- Variable Frequency Drive
- DC Speed Controller

#### Supports
- Locking Swivel Casters
- Adjustable feet

#### Rejects
- Pneumatic Pusher
- Sweep Arm
- Retracting Nosebar
- Flap Transfer
- Air Reject
- Stop on Detect
  - Light Stack
  - Alarm
  - Reset Button

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For more information on CEIA metal detectors, visit Heat and Control booth # 5056

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