

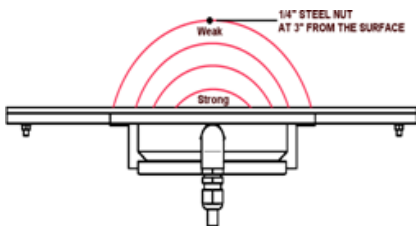


DYNAMIC CONVEYOR CORPORATION

We build conveyors. You reconfigure.

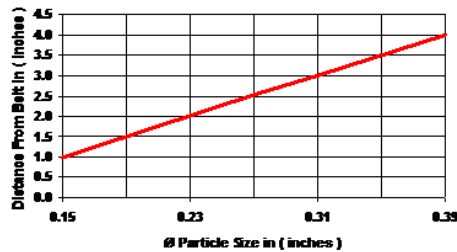
Metal Detectors Sense All Metal Types

When detection of metal is needed, DynaCon Metal Detector Modules can be specified. The Metal Detector is capable of detecting all metals – steel, aluminum, copper, brass and stainless steel. The metal detection coil is integrated into the standard 17-1/2" module in widths ranging from 4" to 72" and can replace an existing module or be added to any new DynaCon conveyor.

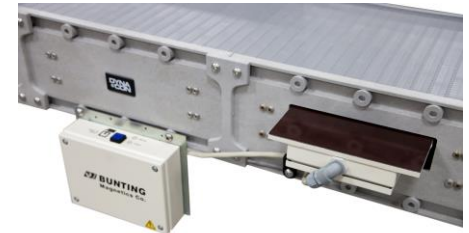


The controls are easy to use, and permit sensors to operate in extreme temperature variations without affecting the performance

of the system. Electronic controls have built-in diagnostics circuit, which monitors all functions of the unit's metal detector. In the event of a fault, the conveyor will be stopped when optional relay contacts are used. Audible and/or visual alarms are optional. After



initial set-up, controls automatically adjust to the environment in order to provide the best possible balance.



The Metal Detector Module is an ideal system for inspecting plastic scrap for metal contaminants as scrap is conveyed to grinders. Early detection of metal can prevent severe damage to grinder blades and subsequent fouling of injection systems and molded plastic products (where product liability issues could result).

Specifications

- Voltage 85-264 VAC 50/60 Hz Single Phase
- Power Consumption 800 mA (Slow Blow)
- Electronic Enclosure max 0.3 A
- Fuses Nema 4
- Conveying Speeds 0.05 to 1.5 m/second
- Connection cable Controls to Detection Coil (3 ft)
- Power Cable 2 conductor + ground (6 foot)
- Humidity 100%
- Operating Temperature -10°C to +50°C
- Storage Temperature -10°C to +60°C
- Controls & Housing Steel
- Detection Surface Duroplex

