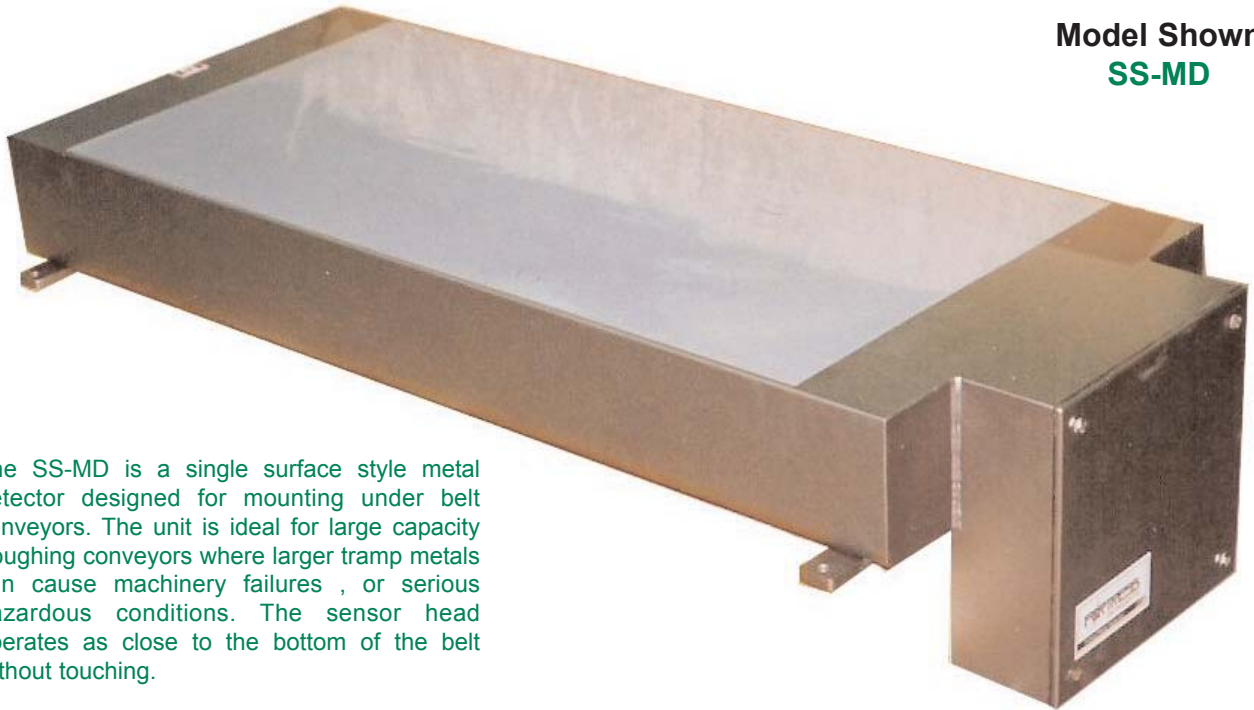




Single Surface Metal Detector Series: SS-MD

Model Shown
SS-MD



The SS-MD is a single surface style metal detector designed for mounting under belt conveyors. The unit is ideal for large capacity troughing conveyors where larger tramp metals can cause machinery failures, or serious hazardous conditions. The sensor head operates as close to the bottom of the belt without touching.

Application: MPI's SINGLE SURFACE METAL DETECTOR (SS-MD series) offer an effective way to detect metal containments on belted conveyor systems. These units are designed to be installed under the belt on existing belt conveyor framing typical of large, bulk material, trough conveyor belts. Common applications include industries such as cement, chemical, aggregate mining and wood chip/pulp & paper processing.

Operation:

- Requires metal free zone
- Foot isolation & single point ground required
- Controls provide connection to reject device
- Sensitivity varies depending on distance from bottom of belt

- Sensitivity of 3.0 mm @ 3" from face are possible

Standard Features:

- Integral sensitivity & reject timing controls
- NEMA 4 enclosure
- Aluminum construction
- 110 V operating voltage
- Fully automatic balance
- Coils encapsulated in epoxy

Options:

- Reject Alarm
- Reject Beacon

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