



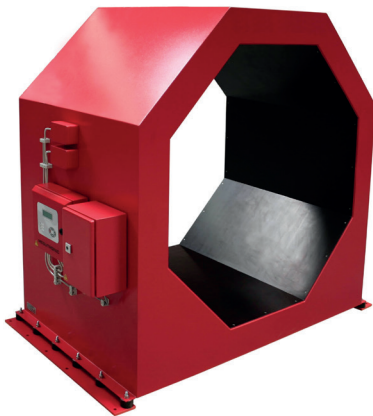
meTRON 05 CO

METAL DETECTION

SPLINTER DETECTION MACHINE FOR INSTALLATION IN BELT CONVEYORS

Reliable in Process and Detection
Durable in Technology and Performance
Easy in Installation and Handling

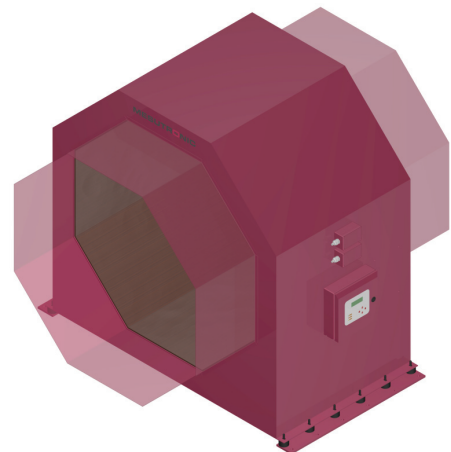
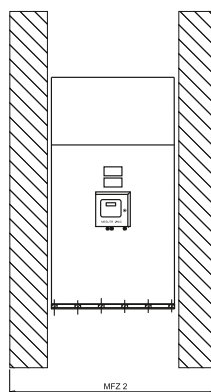
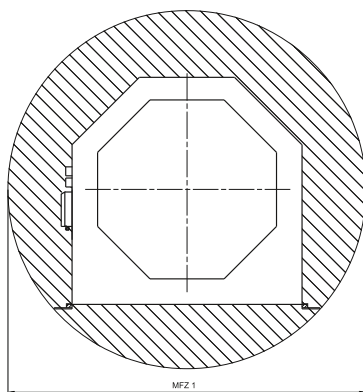
- Highly intergrated 'high speed' multi-processor technology as need for a digital 2 channel signal processor, even with high conveyor speeds of up to 6 m/sec.
- Highest sensitivity and therefore reliable protection against machinery damage. The octagonal detector aperture shape conforms to the feed through, this assures optimum efficiency of the detector.
- Simple 4 button operation, backlit 4 row di play, operator friendly menu structure and easy to understand information.
- The stainless steel detector housing protects against corrosion and shields against interference.



Applications

Machinery protection
e.g. cutting raster etc.

Metal Free Zone (MTZ)



Calculating the 'metal free zone'

For Non-moving Metals

$$MFZ\ 1 = 2 \times A + B$$

$$MFZ\ 2 = 2 \times A + F$$

Position the detector aperture in the middle of the 'metal free zone'

For the other dimensions: position the detector symmetrical in relation to the aperture