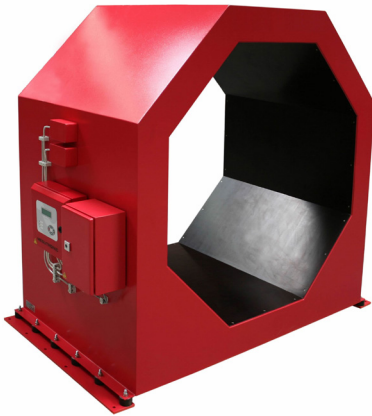


Metron 05 CO

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*

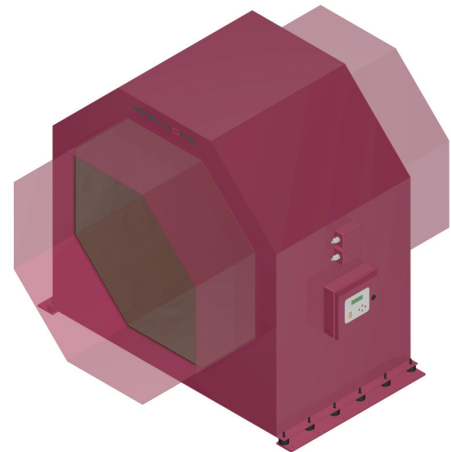
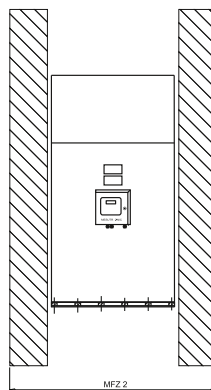
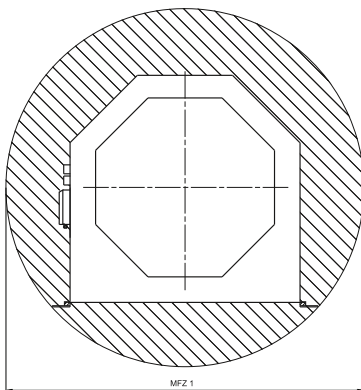


- Highly intergrated 'high speed' multi-processor technology as need for a digital 2 channel signal processor, even with high conveyor speeds of up to 6 m/sec.
- Highest sensitivity and therefore reliable protection against machinery damage. The octagonal detector aperture shape conforms to the feed through, this assures optimum efficiency of the detector.
- Simple 4 button operation, backlit 4 row display, 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