

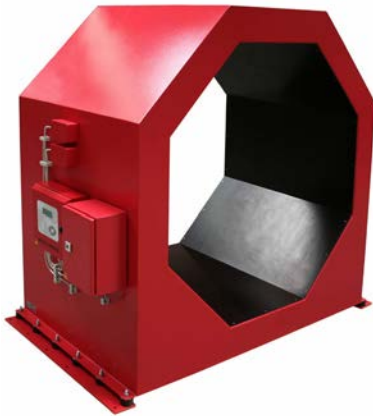
Metron 05 CO

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*

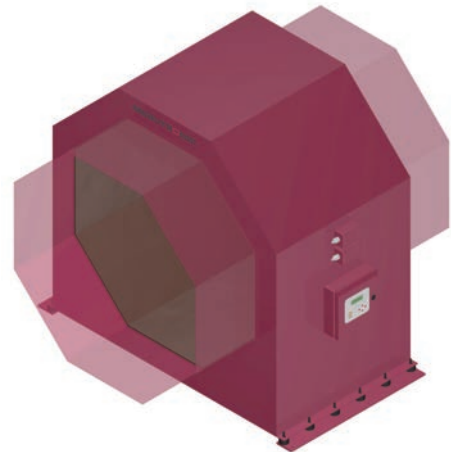
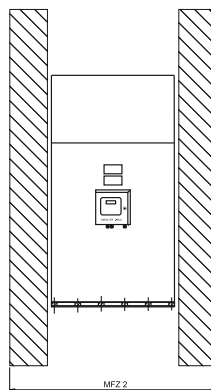
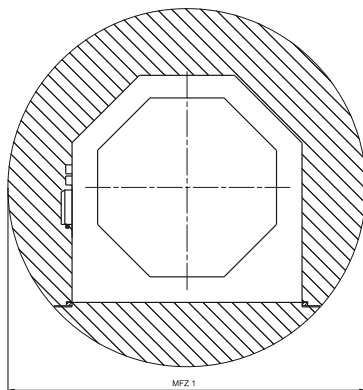
Highly intergrated 'high speed' multi-processor technology as need for a digital 2 channel signal processor, even with high conveyor speeds of up to 6 m/sec. Highest sensitivity and therefore reliable protection against machinery damage. The octagonal detector aperture shape conforms to the feed through,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