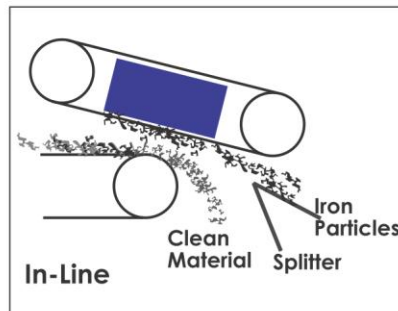
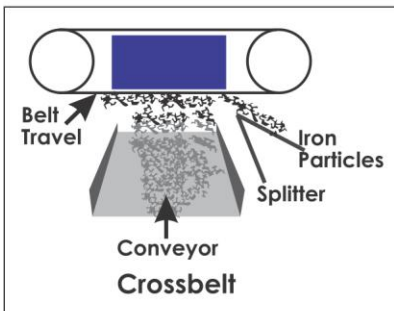


Overband Suspension Permanent Magnet

PMT Overband Suspended Permanent Magnetic Separator are designed to eliminate ferrous contaminants from the product carried by belt/conveyors. These separators use high strength overhead suspended plate magnet housed in belt conveyor operating in an inverted position. Overband Separator are specially used when an automatic removal of ferrous contamination is necessary on a continuous basis. They are widely used across various industries: Food Processing, Mining & Minerals, Ceramic & Powder, Paper & Pulp, Plastic & Glass manufacturing, Recycling, Steelworks etc. These units can be placed above flat or trough type conveyors either in cross-belt or in-line configuration. For best results it is recommended to install suspension magnet above the pulley where the belt is straight and also depth of material is less compared to other locations or at the discharge end of the belt conveyor.

Magnet Unit: The magnet is made of **Powerful Strontium Ferrite Magnets** and a Non-Magnetic stainless steel plate is provided to cover the poles of Magnet. This magnet unit is totally maintenance free.

Working: Incorporated is a motor-driven conveyor belt running across the face of the magnet, continually moving the collected material away from the magnetic circuit. Once the belt moves away from magnetic circuit the ferrous material falls from the belt.



Unique features :

Self-Cleaning Magnetic Separator - Automatic cleaning & continuous working - 24/7 operations

Low maintenance & Easy Installation with adjustable belt arrangement

Durability - Rugged and heavy construction for long usage life

2 Mild steel construction pulley used with shafting and bearing arrangement

Heavy duty 2ply /3 ply rubber belt & 3phase gear motor

