

Magnetic Separation Pulleys

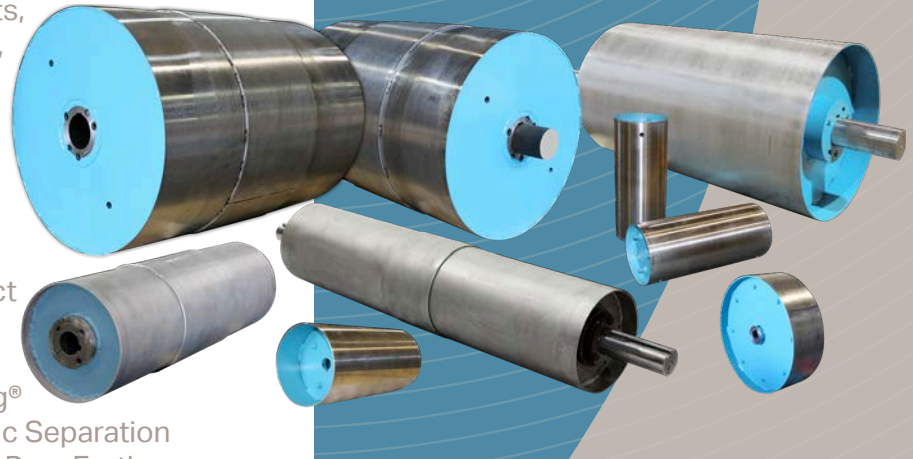
Remove Ferrous from Non-Ferrous Materials in Product Flow

Bunting® has an extensive line of Magnetic Separation Head Pulleys for conveyors in the Recycling Industry. These pulleys offer superior removal of ferrous contamination like nails, spikes, nuts, bolts, cans, and wire for conveyors in the paper, wood, plastic, steel and municipal recycling industries with maintenance free operation.

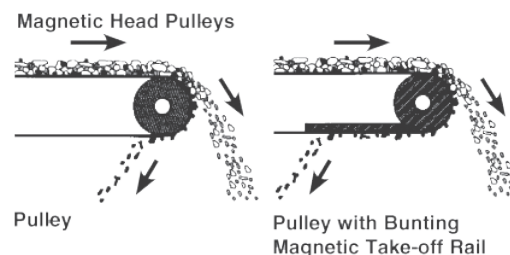
Magnetic Separation Head Pulleys are a way of continuously removing and discharging tramp metal from the product flow for both product purification and materials separation. If you are designing and building your own conveyors, Bunting® offers economical OEM Magnetic Ceramic Separation Pulleys or the optional high intensity Neo Rare Earth Pulleys for those critical separation jobs.

Magnetic Separation Pulleys are designed and manufactured for maximum reach-out, holding force and separation effectiveness. They are manufactured in both the economical Ceramic and the high intensity Neo Rare Earth for maximum separation. Magnetic Pulleys are even more effective when used in combination with overhead Magnetic Cross-Belt Conveyors on thicker burdens or more dense conveyed materials.

Installation: Bunting® Magnetic Separation Pulleys can be installed in the two basic configurations as shown. The first (1) is using the Magnetic Pulley alone which works fine in most installations. The second (2) is used in conjunction with a Magnetic Take-off Rail which helps convey the ferrous tramp back from the end of the conveyor and farther away from the clean product stream. This works especially well on the smaller pulley diameters but is very effective on all sizes.



DATA SHEET



High Intensity Magnetic Separation Pulleys

Bunting® Magnetics Co. Rare Earth High Intensity Magnetic Separation Pulleys are designed for those difficult separation jobs in the Recycling process. This can be those paramagnetic fines or stainless steel scrap and fasteners that have been work hardened and can only be separated with High Intensity Neo Separation Pulleys.

Deep Reach Rare Earth Field Pulleys are for the high volume recycling lines to make sure you get all the ferrous metals out of the stream before the Eddy Current Separators. These units can be incorporated on the Bunting Grinder Feeder and Transfer Conveyors with reachouts of 10" - 12" and more and with field intensity that's unmatched.

Low Reachout High Intensity Rare Earth Field Pulleys are designed for 10,000 to 12,000 gauss super high intensity fields but with low reachout – low volume applications. These applications usually have a single layer stream of material on very thin belts for maximum separation. These units can be incorporated on Bunting stainless steel transfer/separation conveyors.

DATA SHEET

