



Magnetic Head Roller

Description: Magnetic Head Rollers are positioned at the “head” of belt conveyors to extract metal contamination from the product on the belt. As the roller rotates, it holds the tramp metal while clean product is discharged. Finally as the belt leaves the roller, the magnetism dissipates, and the unwanted contamination falls from under the belt into a separate receptacle. This type of magnet acts as secondary protection for deeply embedded metal in the product, which may have not been initially extracted by an overhead suspension magnet.



Features

- Easily installed
- Self-cleaning action
- Continuous, permanent and power free
- Available with high intensity rare earth magnets



This large rare earth magnetic head roller 1320mm x 400mm dia (275kgs) was supplied to a domestic waste recycling unit for the separation of household green waste. It was capable of holding sledge hammer heads weighing 6.5kgs.

Specification

- Manufactured to specification
- End shafts to your requirements
- All stainless steel construction
- Available with crowned face