

OVERHEAD SELF-CLEANING PERMANENT MAGNET

Dings Overhead Permanent Magnet



- ☆ **Lifetime Guarantee on magnetism**
- ☆ Stainless steel construction extends belt life
- ☆ Designed for high volume separation
- ☆ IP56 AGMA Class II motor
- ☆ 5 different strength levels available

- Dings Co. Magnetic Group Overhead Self-Cleaning Permanent Magnets continuously and automatically remove ferrous metals from your product stream with a heavy-duty rubber belt. An armored rubber belt with stainless steel plates and cleats is available.
- Unique construction allows a smaller, lighter magnet for a given strength than any other in the industry!
- Non-magnetic laser cut stainless steel frame that prevents ferrous metal from collecting on the frame.
- Removable crossbelt deflector reduces wear, minimizes cleaning and extends belt life

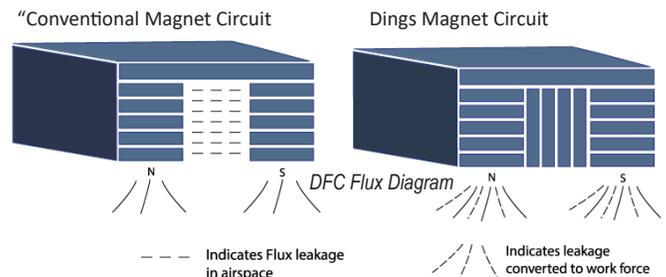
Lifetime Guarantee on Magnetism

Dings Flux Control (DFC) circuit was a breakthrough in the design of Overhead Permanent Magnets. It eliminates internal leakage between magnetic poles and improves separating performance. Other “conventional” magnetic circuits contain air or filler material between the magnetic poles; this allows flux (magnetism) to leak out and be wasted. In the DFC design, blocking magnets are strategically positioned in the spaces between the magnetic poles. These blocks redirect the flux outward, into your product, converting the wasted flux lines to working force, which makes the magnet more efficient.

The overall strength of the magnet is improved in three ways:

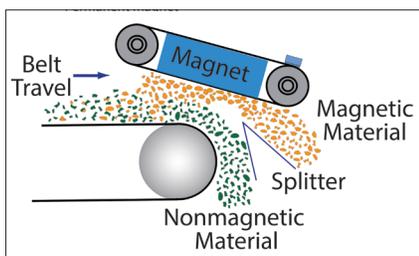
1. The magnetic field is stronger
2. The magnetic field extends deeper
3. The magnetic field pattern is more uniform

By using the DFC circuit effectively, Dings magnetic solution experts can manufacture any sized magnet that has just the right amount of magnetic power for your specific applications - creating savings in weight and cost.



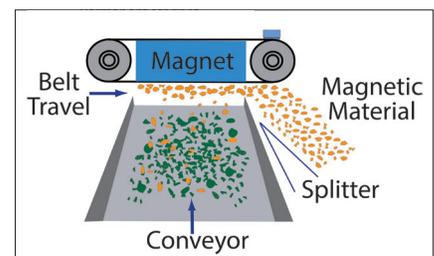
Crossbelt & Inline Mounting Positions

Inline Mounting Position



Inline installation is preferred because magnet separation efficiency is at its best when magnet is located over where conveyed material opens up during its path through air

Crossbelt Mounting Position



Inline Mounting Position: Magnet is installed over the conveyor head pulley so the magnet face is parallel to the travel direction of material falling off conveyor

Crossbelt Mounting: Position: Magnet is installed over the conveyor such that magnet is at a right angle to the travel direction of the material on the conveyor.

● **Call Us For Expert Support of Dings Co. Magnetic Group Equipment - Regardless of Its Age**