

OVERHEAD STATIONARY PERMANENT MAGNET

Dings Overhead Stationary Permanent Magnet



shown with 3 point suspension sling

- ☆ **Lifetime Guarantee on magnetism**
- ☆ DFC provides stronger and deeper magnetic field
- ☆ Maintenance-free with no moving parts
- ☆ 4 point suspension system available
- ☆ 5 different strength levels available

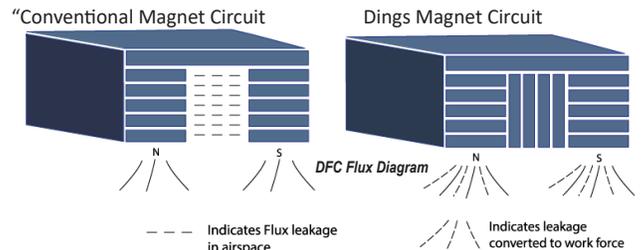
- Dings Co. Magnetic Group Overhead Stationary Permanent Magnets are maintenance-free with no moving parts (no lubrication, no tightening or replacing of hardware). Ferrous metals are held in place until removed from magnet.
- Sweep Arm Assembly available as an option to remove metal from the face of the magnet.
- Easy installation; 3-point suspension system (4-point suspension system available) that includes two steel cables and one turnbuckle connected to a common bull ring. Adjustment of magnet is as easy as adjusting the turnbuckle - no measuring, shortening, lengthening or cutting of cable required.

Lifetime Guarantee on Magnetism

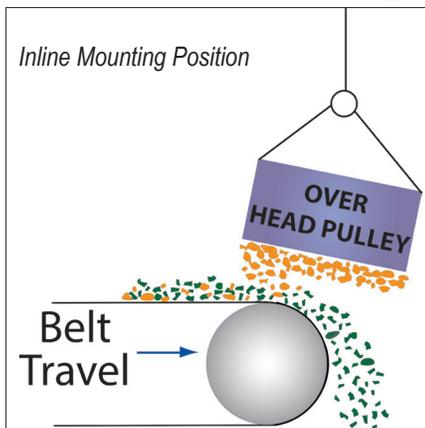
Dings Flux Control (DFC) circuit was a breakthrough in the design of Overhead Permanent Magnets. It eliminates internal leakage between magnetic poles and improves separating performance. Other "conventional" magnetic circuits contain air or filler material between the magnetic poles; this allows flux (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:

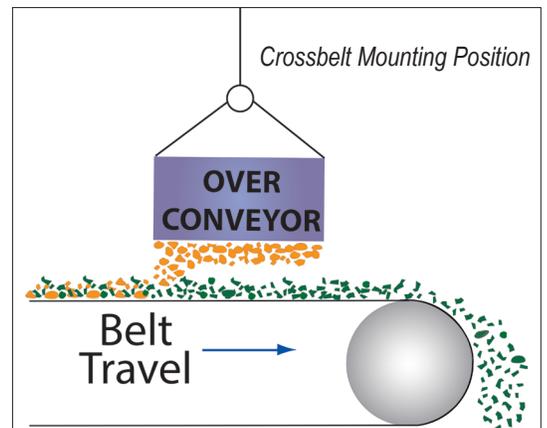
1. The magnetic field is stronger
2. The magnetic field extends deeper
3. The magnetic field pattern is more uniform



Crossbelt & Inline Mounting Positions



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



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**