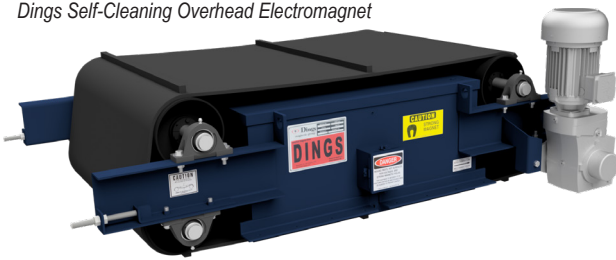


# OVERHEAD SELF-CLEANING ELECTROMAGNET

*Dings Self-Cleaning Overhead Electromagnet*



- ☆ **20 Year Warranty** on coil burnout
- ☆ Oil expansion takes place internally
- ☆ Additional wear plate
- ☆ IP56 AGMA Class II motor
- ☆ Hazardous location models available

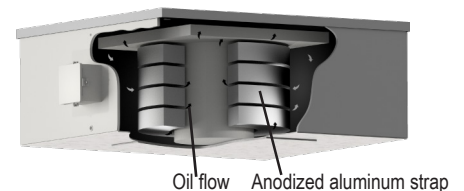
- Dings Co. Magnetic Group Overhead Self-Cleaning Electromagnets continuously and automatically remove ferrous metals from your product stream with a heavy-duty rubber belt. An armored rubber belt with stainless steel plates and cleats is available.
- Expansion of the high dielectric strength cooling oil takes place inside the magnet box. No external oil tank or additional plumbing is required. A pressure relief valve prevents moisture from entering the magnet box. The magnet is filled with cooling oil at the factory prior to shipment.
- Full stainless steel bottom plate with extra stainless steel center wear plate in main impact area provides longer life.

## Electromagnet Coils

Dings Electromagnet coils are wound with an anodized aluminum strap, an exclusive design that generates more magnetism than any other on the market! This design outlasts and outperforms “conventional” round wire (copper, bare or anodized aluminum) coils that can lead to burnouts.

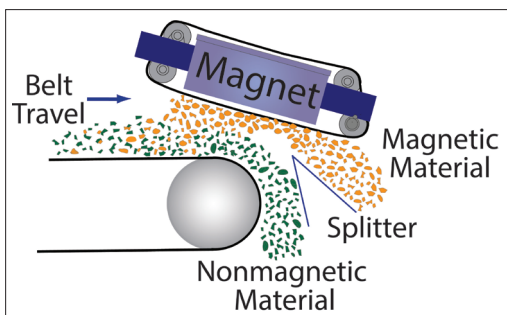
- 20-Year Warranty on coil burnout
- No insulation needed - eliminating the major cause of coil failure (insulation breakdown)
- More magnetism and separating power - generated by extra turns
- Each turn is exposed to oil-cooling (ensuring a stronger, more efficient magnet)
- Eliminates the need for external oil expansion (less pipes or tanks that can easily be damaged)
- Exceeds Class “H” insulation rating

*Dings Electromagnetic Coil*



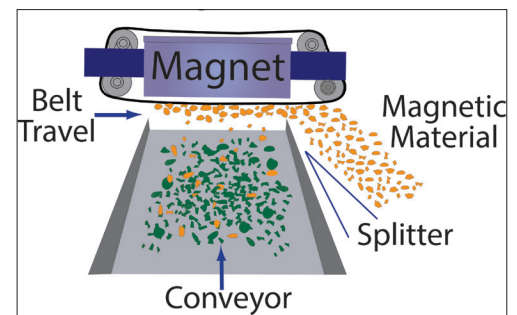
## Crossbelt & Inline Mounting Positions

*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**