

Swinging Pendulum Electromagnet



- ◇ Expansion of high dielectric cooling oil takes place inside the magnet box - no additional plumbing or oil tanks.
- ◇ Easy access to oil level, oil drain and oil fill plugs save cost and man hours
- ◇ Easily replace manganese steel wear plates and cleats in field
- ◇ Pendulum face and wear plates absorb all shock and wear
- ◇ Complete and non-stop separation
- ◇ Protects crushers and other processing equipment
- ◇ NEMA 4 terminal box
- ◇ Heat Exchanger



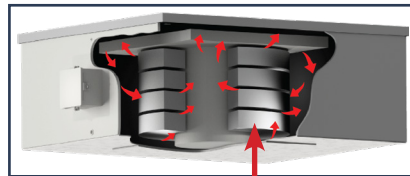
Dings' Swinging Pendulum Magnet

Dings Swinging Pendulum electromagnet is a very large and durable magnetic separator, originally designed for reclaiming iron. It can withstand the punishment of continuously attracting massive hunks of steel weighing up to 600 lbs!

The Swinging Pendulum is designed and manufactured like no other. It performs like no other, operates like no other and can take a beating like no other magnetic separator on the market. It has a unique self-cleaning pendulum that swings underneath a powerful electromagnet, cooled by a forced oil system. Attracted metal is discharged first to one side and then to the other. This magnetic separator is another example of the experience and technology that Dings can apply when answering specific application requirements.

Anodized Aluminum Strap Coils

Dings electromagnetic coils are wound with an anodized aluminum strap— an exclusive design that generates more magnetism than any other on the market and exceeds Class H insulation rating! This design outlasts and out-performs copper wire with polymer insulation or bare aluminum with Nomex® insulation.



Oil Flow =  Anodized Aluminum Strap



20-Year Warranty on Coil Burnout

Dings Electromagnetic Coils

- ◇ No insulation is needed with anodized aluminum straps—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 - assuring a stronger, more efficient magnet
- ◇ Eliminates the need for external oil expansion pipes or tanks that require maintenance and can be damaged

For quote contact the Dings' factory.

Phone: 414-672-7830

Email: magsales@dingsco.com



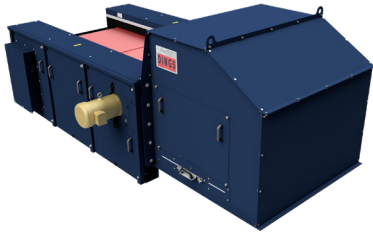
Dings Electromagnetic Rectifier

All electromagnets require a DC power supply. Rectifiers convert alternating current (AC) from your local power source to the necessary direct current (DC) needed by electromagnets.

- ◇ Maintenance-free
- ◇ Overload capacity for short infrequent periods
- ◇ Corrosion protection in extreme environments

More Dings Company Magnetic Separation Equipment

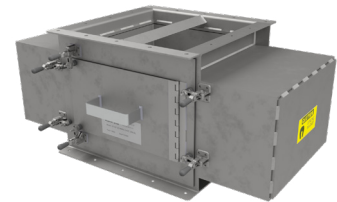
Eddy Current Separator
Separate non-ferrous metal



Deep Draw Drum Magnet
Lifetime warranty on magnetism



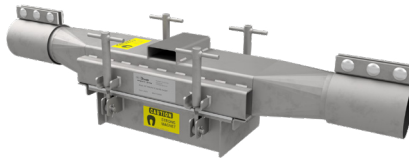
Quick Clean Perma Chute Magnet
Lifetime warranty on magnetism



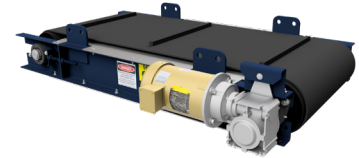
Ferroplate Magnet
Lifetime warranty on magnetism



Pneumatic Inline Magnet
Powerful rare earth magnets available



Overhead Self-Cleaning Permanent Magnet
Lifetime warranty on magnetism



Rare Earth Ferroplate Magnet
More holding power



Overhead Self-Cleaning Electromagnet
20 year warranty on coil burnout



Magnetic Head Pulley
Available in 3 different strength series



ver. 1/25

Engineering Driven - Customer Service Focused



Dings Company Magnetic Group engineering and sales staff work together from our Milwaukee, WI factory to provide outstanding customer service from experts in magnetic separation. First, we listen to our customers to gain an understanding of their needs. Then we apply our experience in their trade to provide magnetic separation equipment that is sized and positioned for the best possible performance in their specific application.