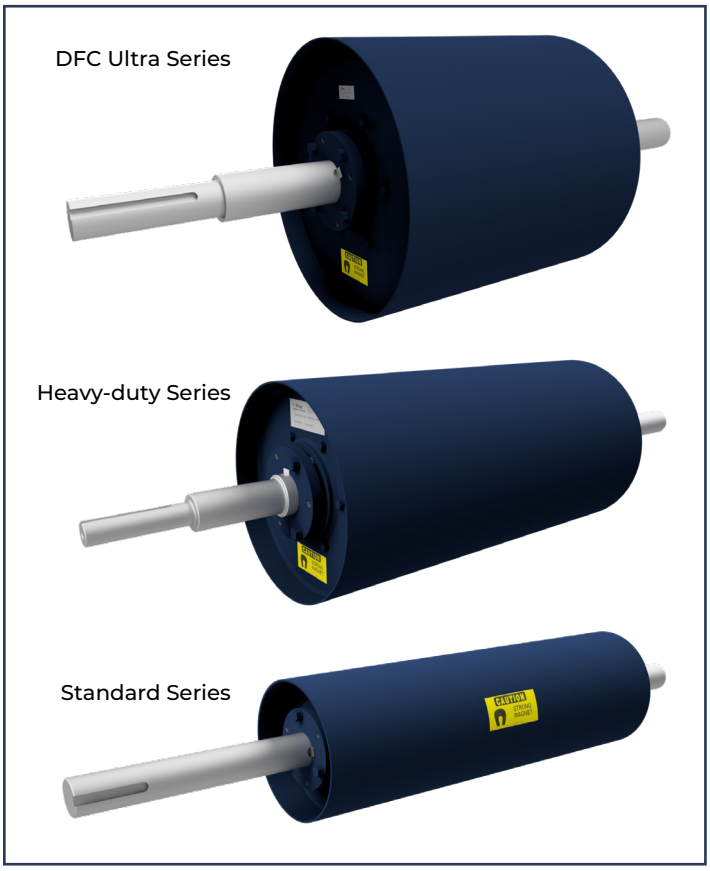
Dings magnetic group

Magnetic Head Pulley

- Dings Flux Control (DFC) Circuit on our DFC Ultra Model
- Automatic and continuous separation
- Easily integrated into existing processing systems
- Magnet assembly filled with Ceramic VIII magnet material
- Type 304 nonmagnetic stainless steel shell
- NO COST operation



Dings Magnetic Head Pulleys are non-electric, self-cleaning magnetic separators. They operate as head pulleys on conveyors to separate tramp iron and iron impurities from materials conveyed in bulk form. They are designed for machinery protection and product purification. Our magnetic head pulley's magnetism is produced by an internal ceramic magnet assembly that is enclosed with a nonmagnetic stainless steel shell. Magnetic Head Pulleys come shipped ready to install!

Dings Flux Control (DFC) Circuit

Dings Flux Control (DFC) Circuit design 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 escape (leak out) and be wasted. In Dings DFC design - blocking magnets are strategically positioned in the spaces between the magnetic poles. These redirect the flux outward, into your product, converting the wasted flux into working force - making the magnet more efficient.

Dings DFC Design improves the overall performance of the magnet in 3 ways

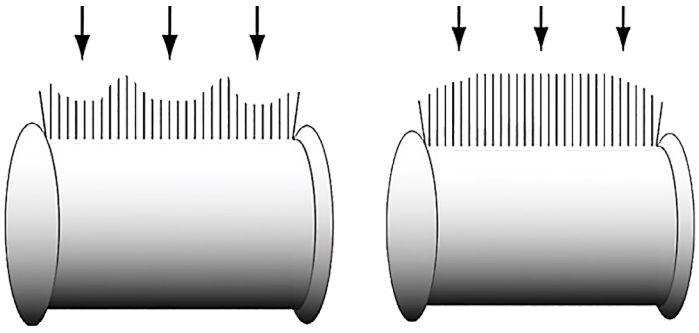
- The magnetic field is stronger
- The magnetic field extends deeper
- The magnetic field pattern is more uniform

WARRANTY LIFETIME WARRANTY

On Magnetism for all Permanent Magnets

Conventional Magnetic Circuit
With "filler" between the poles

Dings Magnetic Circuit
with blocking magnets between the poles

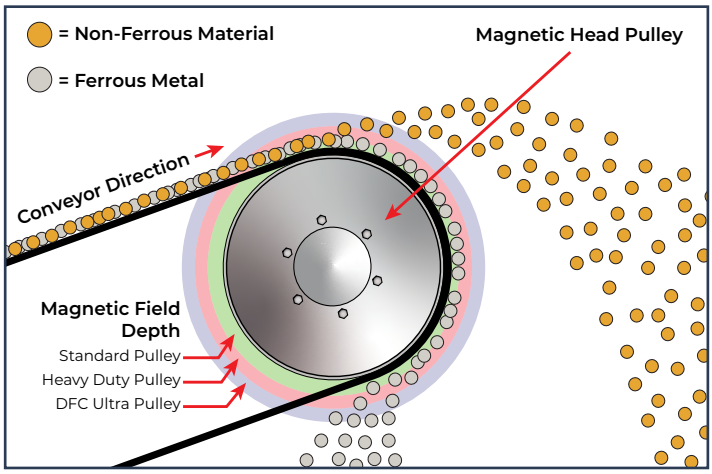


leakage

No leakage

Call us for Expert Support of Dings Co. Equipment - Regardless of its Age

Magnetic Head Pulley Material Trajectory



Magnetic Head Pulley Operation & Strength

Since every application has its own specific needs regarding the magnetic depth of field required, Dings Company Magnetic Group is the only company to offer you three different magnetic strengths.

Dings Standard

8", 12" 15" 18" 20" & 24" Diameters

Dings Heavy Duty

12", 15", 18", 20", 24", 30", 36" & 42" Diameters

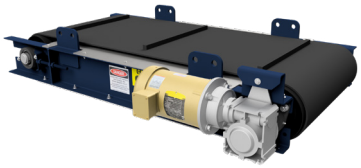
Dings DFC Ultra

12", 15", 18", 20", 24", 30", 36" & 42" Diameters

More Dings Company Magnetic Separation Equipment

Overhead Stationary Permanent Magnet
Lifetime warranty on magnetism

Overhead Self-Cleaning Permanent Magnet
Lifetime warranty on magnetism



Eddy Current Separator
Separate non-ferrous metal

Overhead Self-Cleaning Electromagnet

MRF (Material Recovery Facility) Overhead Self-Cleaning Electromagnet
3" high cleats

Deep Draw Drum Magnet

ver. 1/25

Engineering Driven - Customer Service Focused

Dings Co. magnetic group
Powerful Magnetic Products Since 1899

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.

Dings magnetic group

Magnetic Head Pulley Request for Quote

Company: _____ Quote Required Date: _____

Address: _____ Contact Person: _____

City, State, ZIP: _____ Contact Email: _____

Phone/Cell: _____ Email Completed RFQ to: magsales@dingsco.com

Date Equipment Required by: _____ *You Must Select One to Print: ☐ Imperial ☐ Metric

Application Information

Application: _____

Description of Material Being Conveyed: _____

Size of Material Being Conveyed: _____

Description of Largest Pieces of Ferrous Requiring Removal: _____

Description of Smallest Pieces of Ferrous Requiring Removal: _____

Type of Equipment Being Protected: _____

Is This a Recycling Applications - Collecting Ferrous Metal: ☐ Yes ☐ No

Belt Width: _____ inches Depth of Material on Belt at Pulley: _____ inches

Belt Speed: _____ fpm Current Pulley Diameter: _____ inches

Belt Capacity: _____ tph RPM: _____

Special Circumstances That May Affect Application: _____

Magnetic Head Pulley Selection

Pulley Series Selection: Dings Standard: ☐ Dings Heavy-Duty: ☐ Dings DFC Ultra: ☐

Pulley Diameter: 6 inches ☐ 8 inches ☐ 12 inches ☐ 15 inches ☐ 18 inches ☐

20 inches ☐ 24 inches ☐ 30 inches ☐ 36 inches ☐ 42 inches ☐

Magnetic Head Pulley Options

ver. 1/25

Note: Optional pulley lagging - typically used in outdoor applications - provides extra engagement between the conveyor belt and pulley in wet conditions

Lagging: ☐ Yes ☐ No

Vulcanized Rubber: ☐

Rough Top: ☐

Special Requests: _____

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