RAM-CLEAN™
SUSPENSION MAGNET

PATENTED PERMANENT MAGNET TECHNOLOGY

Stop tramp metal before it damages your equipment!

Remove large ferrous tramp metal from conveyor-fed material before it reaches crushers, screens, and other downstream equipment.

The Ram-Clean™ Suspension Magnet combines powerful permanent magnetic technology with a unique dome-shaped dished face and practical cleaning options to help protect your plant, reduce maintenance, and avoid costly interruptions.

Suitable for mobile and fixed plant installations.

REACH OUT TO US

Send conveyor width, material type, and approximate burden depth.



EQUIPMENT PROTECTION

Capture ferrous tramp metal before it reaches downstream equipment.

EASIER CLEANING

Dished stainless steel face and pneumatic discharge options.

NO ELECTRICAL SUPPLY

No electrical power required for the magnet to generate its field.

MSA Magnetics
14250 Judicial Road, Burnsville, MN 55306
Phone: 651-272-2950

MSA Magnetics is a leading supplier of industrial magnets, lifting equipment and safety tools.

msamagnetics.com

RAM-CLEAN™
SUSPENSION MAGNET

POWERFUL PROTECTION. PRACTICAL CLEANING.

Help protect downstream equipment
Remove ferrous tramp metal ahead of crushers, screens, and other equipment to help reduce damage and unplanned downtime.

No electrical power required for the magnet
RE80® permanent magnetic technology generates the magnetic field without electricity. No dedicated magnet power supply or rectifier is required, and the magnet itself consumes no electricity during separation.

Easier cleaning
The stainless steel dished face assists removal of captured metal. A single robust pneumatic ram cylinder enables powered or automatic discharge.

Practical discharge options
Captured metal can be discharged onto the stopped belt for manual removal. Alternatively, the unit can be suspended on a rail and moved to the side before discharging. Pneumatic cleaning requires a compressed-air supply.

Position closer to the material
The suspended, dished design allows the magnet to be positioned closer to the conveyor and material burden, improving lift and separation of large and small ferrous metal pieces.

Magnetic strength at the center
Magnetic strength is concentrated where the burden is typically deepest. “Pull to center” helps minimize tramp iron getting under the disc.

Dished face for demanding applications
The dome-shaped dished face helps deflect oversized material that may impinge on the magnet.



Stainless steel dished face shown in the cleaning position.

BUILT FOR CONVEYOR APPLICATIONS

- Mining, quarrying, and rock crushing
- Bark and wood processing
- Agriculture
- Other conveyor applications

Configuration selected to suit your application.

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