Magnetic Rotary Feeder
Series:MRF

1. Premium Upgraded Feeder:
   - Direct OEM replacement
   - Bolt on design, built to match inlet
   - Magnet installation is strategically located where the feed of material is most consistently dispersed, providing superior magnetic separation before product enters the mill

2. Effortless Magnet Cleaning System:
   - Exclusive safe, easy-clean magnetic roller glide system properly protects mill from tramp metal
   - The magnet weight rolls on 'V' guided roller bearings so that there is virtually no effort needed for magnet cleaning
   - Step 1: Unlatch the plate and pull the handle towards operator. Stripping mechanism will deposit tramp metal into collection tray.
   - Step 2: Push handles towards feeder and re-clamp latches.

3. Stainless Steel Segmented Cup Feeder:
   - Delivers even product distribution to mill for increased operation life between replacements
   - Fabricated from heavy gauge stainless steel for increased wear resistance

4. Powerful 400 Series Ceramic Magnet:
   - Optional rare earth or exclusive hybrid magnet options for increased tramp metal protection
   - Stepped magnet face maximizes tramp metal removal and minimizes tramp metal "wash-off" between magnet cleanings

5. Sani-TIGHT Seal™ Gasket:
   - Type: Compression style "O-ring" cord gasket
   - Sealing plate: ½" thick machined stainless plate
   - 100% Positive seal, cannot be over-compressed
   - Sanitary: Gasket can be removed and replaced for wash-down, no adhesive required
   - Material: FDA approved silicon

6. Adjustable Spring Loaded Control Gate

7. Removable Inspection Cover

8. Tramp Metal Collection Tray:
   - Attachment: Removable cantilever tray
   - Locking notch prevents tray from vibrating loose

9. Self-Clean Model Available:
   - Automated cleaning, easy inspection and maintenance

*Specifications subject to change
MRF Selection Guide

<table>
<thead>
<tr>
<th>FEEDER SIZE</th>
<th>MANUAL QUICK-CLEAN MODEL</th>
<th>AUTOMATIC SELF-CLEAN MODEL</th>
<th>INLET/OUTLET OPENING WIDTH “A”</th>
<th>FLANGE WIDTH “B”</th>
<th>MOTOR HORSEPOWER</th>
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*M flanges can be built as required to match existing mill.

MRF Selectable Options

Magnet Cleaning Method:
- Quick-clean roller guide system (standard)
- Self-clean pneumatic system with safety cage

Magnet [reference datasheet PM]:
- 400 Series Ceramic (standard)
- Rare earth 200 series
- Hi-G hybrid rare earth 400 series

Drive Package:
- US Manufactured TEFC (standard)
  - Input: 230-480V / 3P / 60Hz
- US Manufactured TEXP (Explosion Proof)
- Inverter duty drive

Miscellaneous:
- Limit switches for closed confirmation
- MPI standard Honeywell complete with mounting bracket
- Custom switch brand and mounting locations available
- Zero speed switches
- Lifting lugs
- Custom flange bolt hole pattern
- Companion flanges
- Matching flanges for matching bolt pattern in inlet and outlet
- Customer to weld onto existing equipment

*Specifications subject to change