



DEEP REACH

PERMANENT MAGNET SEPARATOR

Remove damaging tramp iron from light fluffy, sticky or lumpy product flows to improve product purity, reduce or prevent equipment wear/damage and protect against tramp metal hazards.



FEATURES

- **Low profile assembly** for tight spaces
- **Three unique magnetic circuits** penetrate product flow for optimum separation efficiency
- **Xtreme™ Rare Earth magnet** circuit available to remove fine or weakly magnetic contaminants
- **Traditional ceramic magnet** circuit removes large chunky tramp metal
- **All stainless steel construction** for food or corrosive environments
- **Hinged access for easy** tramp metal collection

ONLY FROM ERIEZ

Eriez developed the permanent Deep Reach Magnetic Separator to remove tramp iron from heavy flows of materials that normally bridge or choke when processed through more traditional magnetic separators. Two powerful magnet circuits surround a chute to penetrate product flows like cocoa, powdered cheese, sugar, starch, flour, gypsum and other sticky products

to remove ferrous contamination. The Deep Reach has succeeded where other separators fail to maintain production rates in handling leafy, powdery, moist, sticky or lumpy materials while improving product purity and protecting equipment and personnel.



TRADITIONAL AND EASY-TO- CLEAN

Drawer Type
With Ceramic or
Xtreme™ Rare Earth
Magnet Circuit



Traditional

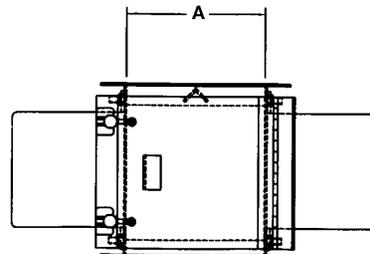
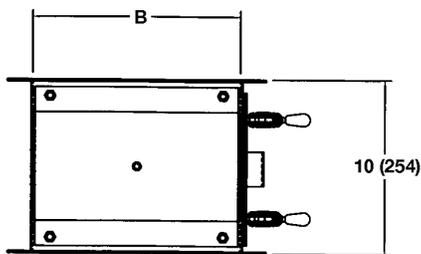
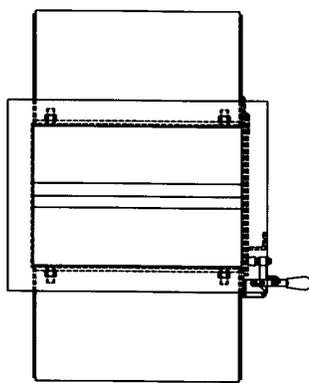


Easy To Clean Drawer

ADDITIONAL FEATURES

- **Center deflector** ensures product is directed toward the permanent magnet face
- **Easy-to-Clean drawer** option available for traditional units to facilitate easy removal of accumulated tramp metal
- **Eriez traditional ceramic circuit** is the largest, most powerful ceramic magnet used in plate housing style assemblies

SPECIFICATIONS



MAGNET GAP A		MAGNET WIDTH B		DESIGNED FOR INLET PIPE DIAMETER	
in	mm	in	mm	in	mm
6	152	8	203	6	152
8	203	8	203	8	203
8	203	12	305	10	254
8	203	18	457	12	305
8	203	24	610	14	356
8	203	32	813	16	406

Dimensions and specifications are subject to change without notice.

RARE EARTH AND *XTREME* RARE EARTH

Swing Bolt
Door Option

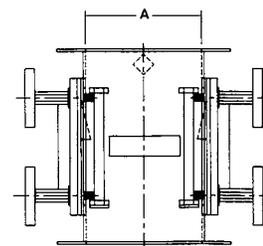
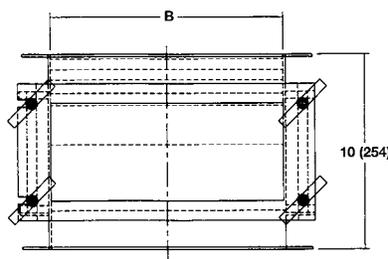
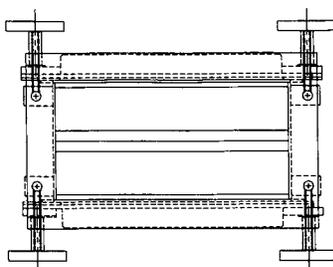


Swing Bolt Door

ADDITIONAL FEATURES

- Available with Eriez exclusive Xtreme Rare Earth plate magnet, the strongest plate in the magnet industry
- Swing bolt door option provides for tramp removal outside the product flow while enabling the use of Eriez exclusive milled magnetic stainless step for optimum magnetic holding force

SPECIFICATIONS



Traditional Rare Earth

MAGNET GAP A		MAGNET WIDTH B		DESIGNED FOR INLET PIPE DIAMETER	
in	mm	in	mm	in	mm
6	152	8	203	6	152
6	152	12	305	8	203
6	152	18	457	10	254
6	152	26	660	12	305

Xtreme Rare Earth

MAGNET GAP A		MAGNET WIDTH B		DESIGNED FOR INLET PIPE DIAMETER	
in	mm	in	mm	in	mm
6	152	8	203	6	152
8	203	8	203	8	203
8	203	12	305	10	254
8	203	18	457	12	305
8	203	24	610	14	356
8	203	32	813	16	406

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World Authority in Advanced Technology for Magnetic, Vibratory and Inspection Applications

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