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DRY DRUM MAGNET SEPARATOR IN HOUSING

Description

Dry drum magnet separators in housing are high-efficiency systems designed for continuous and automatic/self-cleaning removal of ferrous contaminants and tramp iron from dry bulk materials in enclosed processing environments. Each unit features a rotating magnetic drum inside a sealed housing, ensuring effective separation while containing dust and preventing material loss.

Built with high-strength magnetic systems and durable stainless steel housings, these separators generate powerful magnetic fields that capture fine and coarse ferrous particles. Non-magnetic materials pass freely, while contaminants are retained on the drum surface and discharged separately, ensuring your material is clean and safe.

The precision housing design improves safety, reduces dust emissions, and simplifies maintenance by enclosing the rotating drum. This ensures reliable separation, uninterrupted operation, and cleaner processing environments.

Engineered for durability and consistent performance, dry drum separators protect downstream equipment, maintain product purity, reduce wear, and improve overall efficiency. They are ideal for industries such as the food industry, mining, recycling, aggregates, cement, and bulk material handling, offering a cost-effective solution for continuous ferrous removal.

Key features:

- High-efficiency magnetic drum for continuous separation
- Enclosed housing for dust control and safety
- Captures fine and coarse ferrous contaminants
- Automatic discharge of collected particles
- Designed for dry bulk material processing
- Rugged stainless steel construction
- Continuous operation with minimal maintenance
- Custom sizes and configurations available
- Designed to suit your existing lines perfectly



Specifications

Installation	Fits processing lines, chutes, or conveyor feeds
Magnetic Strength	1800 - 12 000 Gauss
Construction	Heavy-duty rotating drum enclosed in housing, Fully made from Stainless steel material
Design	Designed to suit your existing lines/equipment perfectly
Material Flow	Dry bulk materials such as powders, granules, and aggregates
Cleaning System	Automatic continuous cleaning
Operating Temperature	80°C - 300°C depending on magnet type
Industries	Food industry, mining, recycling, aggregates, cement, and bulk material handling

More Information: sales@tpeng.co.za Our Phone: +27 10 110 9591 Message us: +27 61 541 9927

Visit us: Unit 1, Building 5, Malibongwe Industrial Park, Mogale City, South Africa, 1739