



PERMAG'S Deep-reach separators use a plate-magnet-style circuit consisting of a housing and two opposing Plate Magnets.

A center diverter on the housing inlet helps direct product towards the magnets.

It works well when sticky products do not readily flow down and ideally suited for products that would bridge or choke in a magnetic cartridge type separator.

HOW IT WORKS

- > Heavy flows of material that may bridge or choke when processed through magnetic grates are easily handled by this open-throat design, while maintaining production rates. Ideal for use with powdery, lumpy or moist materials when large tramp metal like nuts or bolts threaten production or product purity.

ADVANTAGES

- Protect processing machinery from being damaged
- Reduces maintenance costs
- Compact design fits easily into limited spaces as compared to single plate model
- Ensures metal free product
- Saves energy consumption
- Reduces downtime and increases productivity

APPLICATION

- Food Processing
- Pharmaceutical Industries
- Chemical Industry
- Dairy Industries
- Paper Industries
- Plastic Industries

FEATURES

- ▶ Easy handling by this open-throat design, while maintaining production rates
- ▶ Hinged magnets can be opened easily for cleaning
- ▶ Customized design available in round, square, or rectangular size
- ▶ High durability
- ▶ Magnetic plates with 11000 Gauss
- ▶ This design is heavy duty and in rigid construction
- ▶ Complete structure is in SS 304 3mm thickness



TECHNICAL DATA SHEET

- Magnet Gauss – 10000 To 12000 Gauss, variant available in magnetic gauss as per requirement
- Magnet Used – Nd-fe-b (Rare Earth) Grade – N52M (Highest Grade)
- Temperature – Up To 100°C (Higher Temperature version available)
- MOC – MS / SS
- Surface finish – glass bead