



# PMT ENGINEERS & CONTRACTORS

Manufacturers of Magnetic Separators & Equipments.

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## Dual Door Box Magnet

**PMT Dual Door Box Magnet** is ideal for removal of iron/ferrous particles from the products which do not flow particularly easily and may have a tendency to bridge or choke in high volume dry processing applications. They are a huge success in powdery, moist or sticky products for iron separation where other magnetic separators fail to perform. Box Magnets feature two powerful permanent magnets doors opposite each other creating powerful magnetic circuit inside the chute. They are installed within the vertical gravity feed chutes for the extraction of iron particles from the product flow. As material enters through the box inlet, it passes over a centre deflector which angles the product flow towards the powerful magnetic doors. The iron particles in the product flow is then arrested and held by the powerful magnetic doors and the clean material passes through the box outlet.



To initiate cleaning quickly release the side magnetic doors and easily wipe off with gloved hand the iron particles arrested onto the magnetic doors. They are widely used in products flows like flour, sugar, cocoa, starch, flour, gypsum and other sticky products for iron separation.

### Unique features :

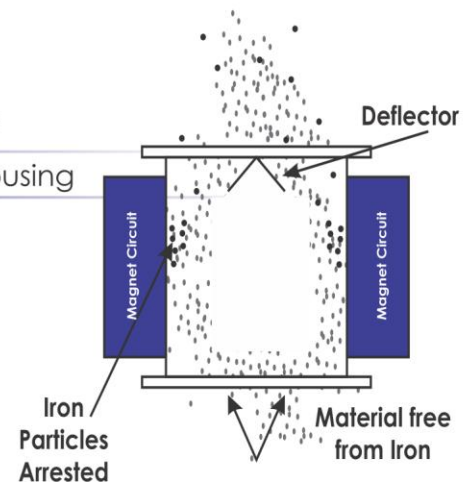
**Maintenance Free & No Operating cost** – No Power Consumption

**Easy installation** – In the existing setup & availability of flanged housing

**Dual protection** – 2 Magnet Plates for better performance in capturing of iron particles

**No Bridge/Choke** – Centre deflector and ease of flow

**Easy to Clean** – Dual Magnet Doors for cleaning



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