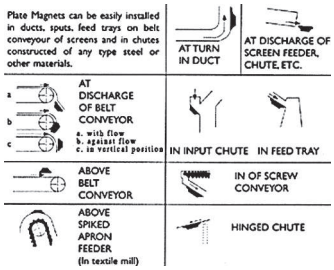
# PLATE MAGNET

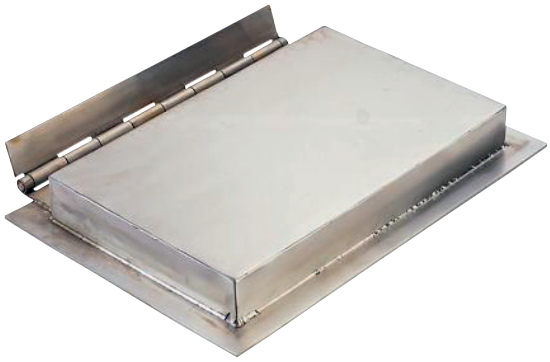
## Versatile Magnet Blocks for Impurity Separation

- High power, low cost magnetic plates for inflow separation in chutes.
- Can be mounted under the flow by bolting.
- Can be hung over the flow from top with hinge/latch.
- Magnet poles are saturated for maximum power.
- Made with Strontium Ferrite/Rare Earth NdFeB magnets.
- Magnet can be easily removed for cleaning.

- Can attract tramp iron pieces by suspending over conveyer belt or under chute. Used particularly in flour, plastic, glass, chemicals, grains, cosmetics processing for powder separation.




Product specification varies with specific application needs.Discuss your requirement with us for the most suitable product.



### Flush Face (FF)

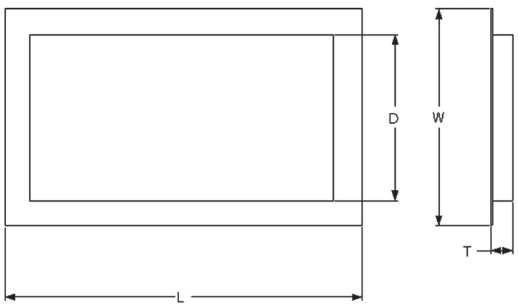
Flush Face Plate Magnets deliver optimum tramp metal separation performance when used in above-the flow chute or belt applications. When installed over the material flow, the powered Flush Face plate magnets deliver continuous magnetic protection for down stream processing equipment by lifting ferrous tramp out of the product flow stream.

### Exposed Pole (EP)

Exposed Pole (EP) Plate Magnets are engineering to deliver high performance tramp metal separation in low volume applications. These applications are for below-the-flow installations where the product flows over the magnet face.

### Spout Magnet(SM)

Diverter Spout provide maximum ferrous tramp metal separation in high volume chute applications where wash-off can be a problem.




Product Code: PM (F or N)

All dimensions in metric units

| Model No | Length L | Dimensions (mm) | | | Suspension Distance (mm) | Weight (Kg) |
|---|---|---|---|---|---|---|
| | | W | D | T | | |
| PMF-60-FF/EP/SM | To specify | 250 | 175 | 51 | 60 | 6 |
| PMF-120-FF/EP/SM | To specify | 300 | 225 | 76 | 120 | 7 |
| PMF-150-FF/EP/SM | To specify | 450 | 360 | 111 | 150 | 10 |
| PMN-60-FF/EP/SM | To specify | 190 | 125 | 36 | 60 | 8 |
| PMN-120-FF/EP/SM | To specify | 250 | 175 | 46 | 120 | 9 |
| PMN-150-FF/EP/SM | To specify | 330 | 240 | 56 | 150 | 11 |

Due to continuous upgradation in design there could be changes in specification. Other sizes on request. Before ordering, contact Supreme Magnets or your nearest dealer to confirm the suitability of this model for your application.

F : Ferrite Magnet N: Neo Magnet FF : Flushed Face EP : Exposed Pole SM : Spout Magnet