



MAGNETIC SEPARATOR FOR LIQUID / OIL / SLURRY APPLICATION

PMT Magnetic Strainer/Filter is ideal for separation of iron particles from Liquid, Oil, Viscous and Slurry applications.

MAGNETIC STRAINER/ FILTER/ TRAP / LIQUID IN LINEMAGNETIC SEPARATOR

Magnetic Filter widely used in the Food Processing, Edible Oil, Soya Lecithin, Chemical, Paper & Pulp and Pharmaceutical industries. Magnetic Filter is designed for optimum Iron Separation with circular arrangement of Magnetic Rods resulting in arresting of fine ferrous/iron particles from the product flow.



UNIQUE PROPOSITION:

Easy Installation - Deployment in existing fluid flow line without any major structural changes

High Intensity Nd-Fe-b (Rare Earth) Gemini Powerful Magnets - Separation of fine iron/ferrous particles

Flexibility - Customized size available to suit specific requirements

Quality - Food Grade Finish

Durability - SS 304/316 construction

Maintenance Free - No operating cost

Optimum Iron Separation - Magnetic Rods in Circular arrangement

FEATURES:

MOC Housing - SS304 & SS316

Inlet/Outlet – Flange Options (Table E, F, BS-10, ANSI#150, TC)

Internal Mesh: Perforated Sheet SS304 / SS316

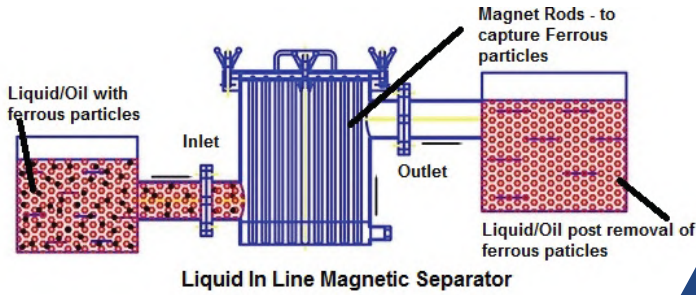
Size – Inlet /Outlet - 0.5” to 16”

Drain Valve - For easy cleaning of bucket/housing

Sealing O-Ring – Nitrile, Silicon













High Pressure up-to 10 Kg/cm²

WORKING:



Magnetic Strainer/Filter are installed in the existing pipeline at a suitable location. Once the Liquid/Oil/fluid passes through the inlet of the Magnet Filter, finest iron particles get arrested on the magnetic rods. The Liquid flows out from the outlet with no iron particles in it, as the ferrous particles are captured & held by the magnetic rods. The Iron particles captured can be removed manually after removing the top lid of the Magnetic Strainer.

INDUSTRY APPLICATION

-  **Edible Oil**
-  **Fruit juice**
-  **Soya Lecithin**
-  **Maize slurry**
-  **Chocolate Syrup**
-  **Glucose Slurry**
-  **Paper Mill – Pulp**
-  **Water cleaning for purification**
-  **Ceramic Slurry**
-  **Chemical**
-  **Ink**
-  **Pharmaceutical Slurry**

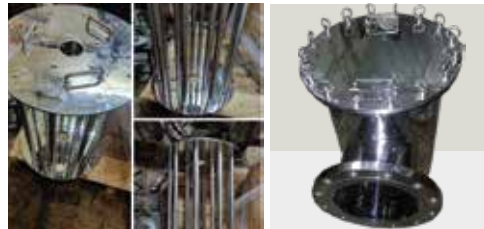
For Fruit Pulp



For Vertical Pipeline



For Edible Oil/ Lecithin/Water



For Pulp & Paper Industry

Actual Site Installation



@Centrifuge Separator



@Oil Packaging Line



@Process Line



@Storage FG Line



Scan QR Code



+91 98208 40871
+91 93249 51285



pmtmagnets@gmail.com



Gala No. 49 A, The Universal Industrial Premises,
I B PATEL Road, Goregoan (East), Mumbai -
400063, Maharashtra, INDIA