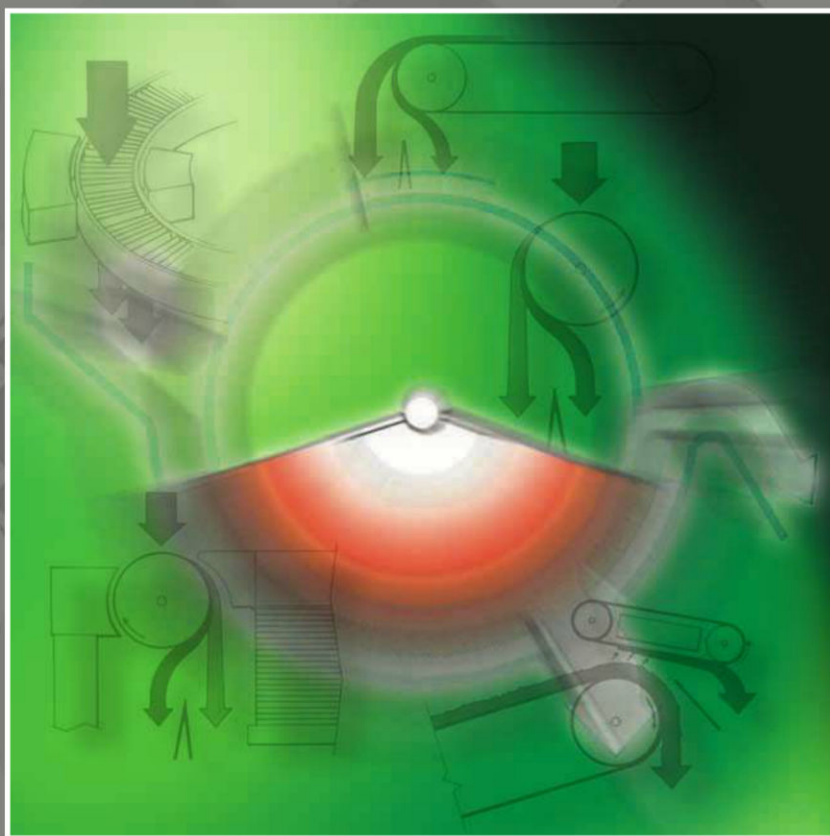




MULTOTEC

Magnetic Separators



Magnetic Separator Solutions At Work



Magnetic Separators

Wet Drum Magnetic Separator

Low Intensity Wet Drum

- Recovery of strongly magnetic minerals from slurries.
- Typical applications: Magnetite / FeSi recovery in DMS plants.
- Strontium Ferrite magnets, 2000 Gauss.

Medium Intensity Wet Drum

- Recovery of weakly magnetic minerals from slurries.
- Typical applications: Ilmenite, Chromite recovery.
- Rare Earth magnets, 8000 Gauss.

Wet High Intensity Magnetic Separator

- Recovery of fine, weakly magnetic minerals from slurries.
- Typical applications: Ilmenite recovery, Silica sand cleaning.
- High intensity high gradient electrical magnet, 14000 Gauss.

Induced Roll Magnetic Separator

- Purification or concentration of dry granular materials.
- Size range: 75 microns up to 1mm.
- Typical applications: Beach Sand Minerals (Zircon, Ilmenite, Rutile, Garnets), Tantalite, Rare Earth Minerals.
- High intensity electromagnets, 20000 Gauss.

Magnetic Roll Separator

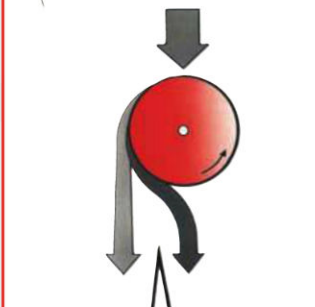
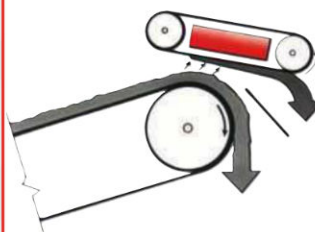
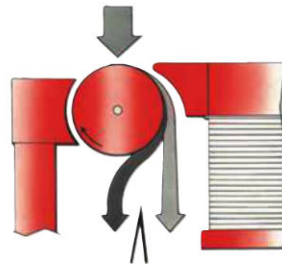
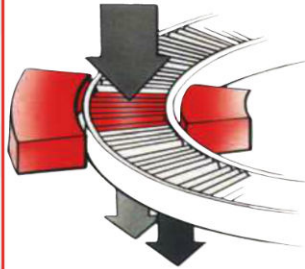
- Purification or concentration of dry granular materials.
- Size range: 75 microns up to 40mm.
- High intensity Rare Earth permanent magnets, 10000 Gauss.
- Rolls 100 and 300mm diameter, up to 1500mm wide; multiple pass configurations easily arranged.

Overbelt Magnetic Separator

- Oil-cooled and air-cooled electromagnets for belt widths up to 2400mm, working gaps up to 1000mm.
- Permanent magnets for belt widths up to 1800mm, working gaps up to 600mm.
- "Cross-belt" or "In-line" arrangement.
- Manual or self-cleaning.

Magnetic Drum Separator

- Low intensity (1200 Gauss) horizontal pole Ferrite permanent magnets for Magnetite iron ore concentration or removal of fine iron from granular materials.
- Medium intensity, 7000 Gauss horizontal pole Rare Earth permanent magnets for Ilmenite concentration or removal of fine iron from powders.



All equipment available in laboratory scale.





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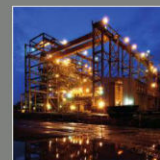
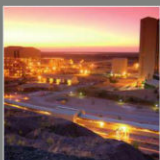
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