

Magnetic Separator



online Magnetic Separators are available for installation in the Feed lines such as at the outlet of elevator, screw conveyor etc. Flanged type Inlet and outlet connections are provided. The Magnetic Drum incorporates High Intensity strontium / Rare Earth Magnets. These are widely used for Cattle Feed Plants, Flour Mills, Rice Mill, Minerals, Refractoriness, Glass and many other Products.

Magnetic separator is used to remove the iron powders in finished powders. Through feeding box, ore pulp flows into cells and become loose particles under the water flow of sparge pipe. Due to the existence of magnetic field, magnetic particles collaborates together to form “magnetic cluster ” or “magnetic chain”, which moves to the pole and are adsorbed by the circular drums. During the rotating process of drums, non-magnetic matters will be separated out and those clusters who still stay on drums will be the concentrates.

Magnetic separator is widely used for resource recycling in fields of timber, mining, ceramics, chemical engineering, food, etc. Besides, it can work in the wet day for separating magnetite, pyrite, calcined ore, ilmenite, etc. Also, it is used for de-ironing work for coal, non-metallic ore as well as building materials.