

## QUALITY AND SAFETY – MAGNETIC EQUIPMENT

Magnetic separators are installed in a food processing line where ferrous contaminants must be removed to ensure and protect product purity, prevent damage to machinery and to eliminate hazards associated with tramp metal.

Grate magnets are designed for the removal of ferrous particles in free flowing particle streams such as grains or powders. Typical applications include discharge chutes, process equipment protection, and before final packaging.



Application	Function	Location
Primary	High volume product. Remove incoming metal contaminants.	Receiving areas. Incoming or grinded powders.
Secondary	Protect factory specific equipments.	Airlocks, bucket conveyors, screw conveyors, screeners, sifters, hammer mills, roller mills, pumps.
Finishing	Ensure end product quality that is shipped out from factory is free from metal contaminants.	Packing line, Bulk discharge areas. Distribution to end users.

### ***Magnet audits***

To ensure magnetic separators meet the standards and requirements of the industry, we offer magnet audits at customer facilities on providing appraisal, function and viability of magnetic equipment. During the audit, the specialist will physically inspect and measure the effective strength of each Magnetic Separator in the factory. The auditor will also identify and photograph the equipment. A written report is presented to the customer that includes an overview of findings with equipment photographs as reference.



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