



Hopper Magnet GMT & GML (permanent magnetic)

- Separation of coarse ferrous contaminants
- Inspection of dry, free-flowing bulk material mainly in the plastics industry
- Installation in hoppers
- Sufficient magnetic performance
- Easy handling



Application:

This version of permanent magnetic grid magnet is mainly used in the plastics industry for the thorough separation of ferrous particles. By passing the grid magnetic contaminants are attracted and removed from the bulk

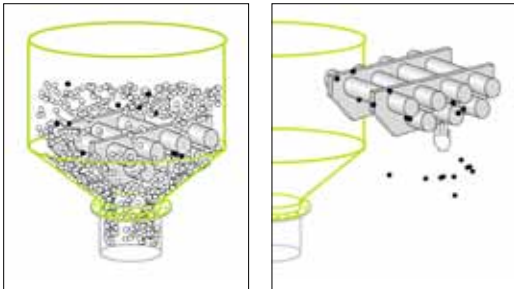
material.

Insignificant initial costs face a very often significant increase of product purity, product quality and the reduction of cost intensive repair works



Principal of function:

When passing the hopper magnet the ferrous particles are attracted and separated from the bulk material. A inspection of the hopper magnet on a regular basis is recommended in order to avoid that ferrous particles are released from a oversaturated magnet. Take the unit out of the hopper and remove attracted ferrous particles manually.



Version: hopper magnet GMT



Version: hopper magnet GML, square and round



Performance characteristics:

Single Row Design (GML):

Sturdy design of circular or square hopper magnets. With a rod diameter of 32 mm and a very big active area for separation of ferrous contamination these units are suitable for versatile applications. The magnetic core is protected against damage by a Stainless Steel tube.

Double Row Design (GMT):

This ensures the best possible separation result with this type of magnet. An angled frame construction allows the easy installation into the hopper loader so that all areas are covered with magnetic flux.

All Hopper Magnets GMT are manufactured by using a fully stabilized ferrite magnetic material. The protection of the magnetic cores by thin walled, highly polished Stainless Steel tubes creates some very important advantages:

- sufficient magnetic performance
- protection of magnetic cores
- allows for ease of cleaning the unit.

The bulk material is dry, free-flowing, without long-fibres and the grain size is under 6 mm. The drop height is under 1 000 mm above magnets top edge.