
GOUDSMIT

magnetic systems



Magnets for the
plastics industry

Quality assurance!

Metal contamination in plastics often lead to production standstills and quality reduction. Injection moulding machines, extruders, calendaring machines, mixing, milling and other equipment can all be adversely affected. Moulds, dies and other machine components can all be damaged by metal particles. With magnet systems from

Goudsmit damage caused by ferrous particles can be avoided. They assure you of continuous high production quality and an uninterrupted production process. The magnetic systems can be integrated in vertical (pneumatic) transportation systems above conveyor belts or in existing (vibrating) systems. They remove ferrous particles of approximately

30 microns and greater from powders or granulates. In addition to various magnet systems Goudsmit also supply metal detectors that can be incorporated into a production line after the magnet. At Goudsmit you can find the complete solution to all your metal problems under one roof!

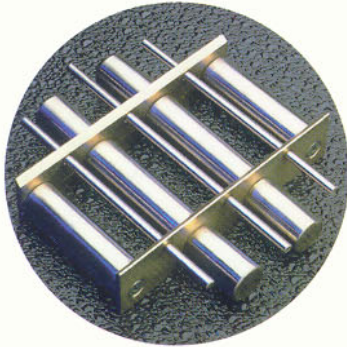
PIPE MAGNETS

permanent and electro-magnetic models are suitable for deferrizing large quantities of granulates and powders (up to 440 m³/hr). Extremely effective for deferrizing recycled materials



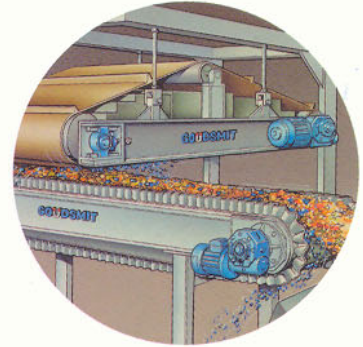
HIGH GRADIENT SEPARATORS

in addition to removing extremely fine ferrous particles from plastic granulates, also remove light magnetic materials. The system is cleaned continuously and requires little installation height.



GRID MAGNETS

the **Neoflux**[®] model (with extremely powerful Neodymium iron boron magnets) is simple to incorporate into transportation tubes and hoppers, and removes small ferrous particles from various materials.



OVERBELT MAGNETS

in permanent and electro-magnetic models can be employed in the recycling of plastics (clothes-hangers, PET bottles, crates etc.). In combination with a magnetic head-roller an even higher degree of deferrizing can be achieved.

CLEAN FLOW MAGNETS

are available in manual cleaning and self-cleaning models, require little installation height and achieve a high magnetic strength (8000 Gauss). They remove ferrous particles of 30 microns and greater from clean raw materials (powders and granulates).



ALL METALS CATCHER

catches all metals; the deferrizing magnet first removes all ferrous particles, following which a metal detector detects and ejects the remaining non-ferrous metals (aluminium, tin, copper etc.). Intended for conveyor, free-fall and pneumatic transport systems.

**A GARANTY OF QUALITY
FOR YOUR PRODUCT USING
OUR MAGNETS!**

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