

# SAFEMAG

## Inline magnet for protecting extruders, injection moulding and blow moulding machinery

- For applications in the plastics industry with slow-moving bulk material columns
- Short delivery time
- Easy handling and cleaning
- Optimal cost-performance ratio
- Guarantees constant high product quality



- Minimum installation height (60 mm)
- Highest magnetic performance with 700 mT (7 000 gauss) at the effective surface
- Sturdy design
- Accessories and special versions
- Ideal pre-separation of ferrous metals in extrusion and injection-moulding applications



Example

**Functional characteristics:**

The SAFEMAG magnet system is equipped with three magnet rods in Neodymium version which are arranged in a triangular matrix to ensure best possible contact between product and magnet. Its outstanding ease of handling and cleaning are further positive features of this magnet separator. Further advantages of this magnet separator are its especially flat (60 mm) and sturdy design and its excellent magnetic power. The compact aluminium block design allows the installation of material loaders, mixing and dosing units directly on the magnet separator. With its special design the SAFEMAG does not allow any depositing of plastic granulate (which is important in case of a colour or material change). By way of adapting plates the SAFEMAG magnet system can be easily integrated in all kinds of systems.

**Function:**

With a magnetic force of 700 mT (7 000 gauss) at the effective surface, ferromagnetic particles are reliably separated, which reduces costly repair work and system downtimes.

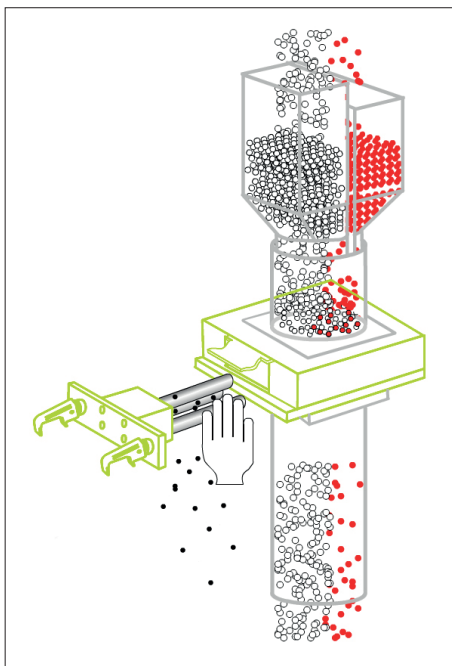
**Main components:**

- Three magnet rods in Neodymium design
- Arranged in a triangular matrix
- Slidegate (option)

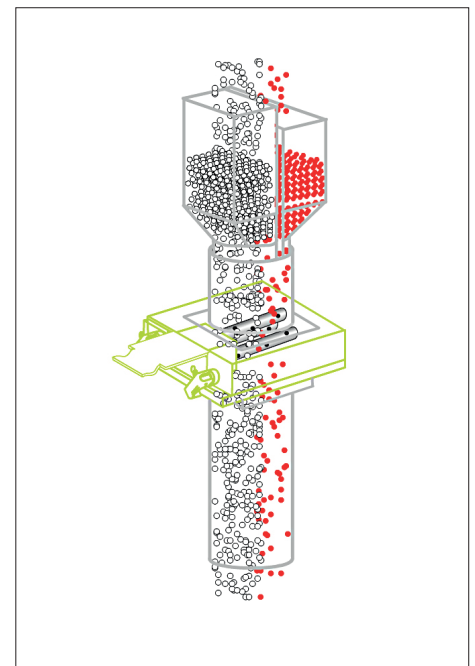
**Typical applications:**

The SAFEMAG inline magnet was developed specifically for applications in the plastics industry. It is designed for inspecting different granulates up to a grain size of 6-8 mm at a temperature of up to 100°C in standing or slow-moving material columns.

The SAFEMAG inline magnet also can be used as an optional add-on for the PROTECTOR metal separator.



Cleaning is done manually by pulling out the magnet rods.



The SAFEMAG inline magnet is used in standing or slow-moving material columns.

If you require detailed information, please request our technical data sheet or make use of the experience of the Sesotec sales advisors by telephone or on-site.