



# SAFEMAG

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

- For applications in the plastics industry involving slow-moving bulk material columns
- Minimum installation height (60 mm)
- Sturdy design
- Outstanding magnetic power
- Easy handling and cleaning



### The SAFEMAG inline magnet offers:

- Highest magnetic performance with 7000 gauss at the effective surface
- Sturdy design
- Optimal cost-performance ratio
- Short delivery time

### Main components:

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



### Functions:

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

### 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.

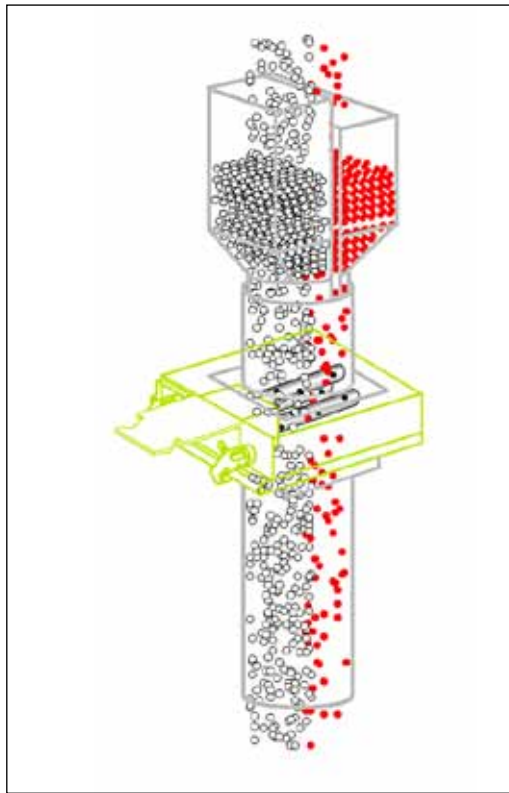
### Functional and performance features:

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.

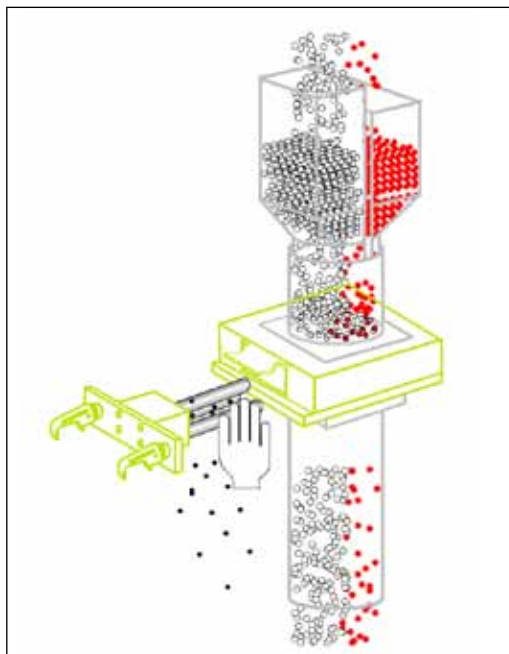
The outstanding advantages of this magnet separator are its especially flat (60 mm) and sturdy design and its excellent magnetic power. The compact alu-block design allows the installation of conveyor, mixing, and dosing units directly on the magnet separator.

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 adaptor plates the SAFEMAG magnet system can be easily integrated in all kinds of systems.



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



*Cleaning is done manually by pulling out the magnet rods.*



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

If you need more detailed information ask for our technical data sheet or a discussion with our experienced S+S Sales team.