

MAGBOX AUTO-CLEAN

Inline magnet system for free fall applications

- Separates fine and finest ferrous metal contaminations as well as magnetised stainless steel particles
- Application in production lines for automated separation
- "plug and play" with preprogrammed control unit



- Extremely high magnetic flux density
- Cleaning intervals can be individually set depending on the level of contamination
- Best separation results due to offset design of magnetic rods
- High corrosion and wear resistance (AISI 316L)
- Compressed air is used to shuttle the magnet cores in their stainless steel tubes into the cleaning area
- Compact design without any directly moving parts
- Approved for ATEX zone 20



Example: MAGBOX AUTO-CLEAN

Performance characteristics:

To offer the best possible separation result Sesotec provides the MAGBOX AUTO-CLEAN with strongest rare earth neodymium magnets with 1 370 mT (13 700 gauss). The unit can be supplied in a single row or a double row version, whereby a double row system aims the more efficient result because of the configuration in a offset pattern. The system is manufactured by using a high polished 316L grade stainless steel. For the cleaning of the system the magnetic cores inside the stainless steel tubes are shuttled into the reject area by compressed air. Via a scraper the contaminations fall off and leave the unit before the cores are pushed back into the operation position.

For application in:

Bulk materials; dry, free-flowing, powdery, grainy, flaky

Application:

The magnetic separation system MAGBOX AUTO-CLEAN is used in process lines for the efficient and automated cleaning of even finest ferrous contaminations from gravity fed bulk materials. A plc control system allows to adjust the cleaning cycle to the individual contaminated product batch. A potential free relay enables the user to connect the MAGBOX AUTO-CLEAN to a remote control unit or to a master display. The system is manufactured using 316L grade stainless steel to protect the unit against wear and corrosion. Furthermore the high quality standard permits the installation in food and pharmaceutical industries.

For application in:

- Plastics industry
- Food industry
- Chemical industry
- Pharmaceutical industry
- Recycling industry
- Packaging industry
- Other industry sectors

For installation in:

Free-fall lines

