

SGA

Ensure the Purity of Your Products and Optimize Your Process!

The self-cleaning magnetic separator is used in the following areas to remove ferrous contaminant :

- Food
- Plastic
- Chemical
- Pharmaceutical

GENERAL CHARACTERISTICS

- High efficiency $>60\mu\text{m}$ and above
- Automatic cleaning
- Adaptability: Different sizes to suit industrial processes
- Improved safety: Reduced on handling magnetic bars.
- Quality control: Contributes to improving the quality of finished products.

OPERATING PRINCIPLE

- Bulk materials pass through a grid made of powerful magnetic bars.
- Ferromagnetic particles are attracted and retained by magnetic bars.
- Non-magnetic materials continue their path through the grid.
- This mechanism extracts the collected ferromagnetic particles into a collection bin or chute.
- The bars are then automatically reinserted into the flow to effect separation.
- Out of 3 rows of bars, there is only one row that is cleaned to ensure continuous filtration.

BENEFITS



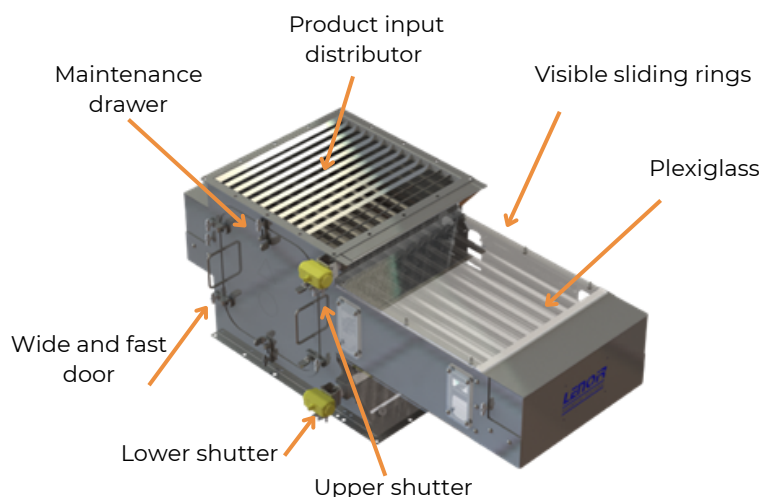
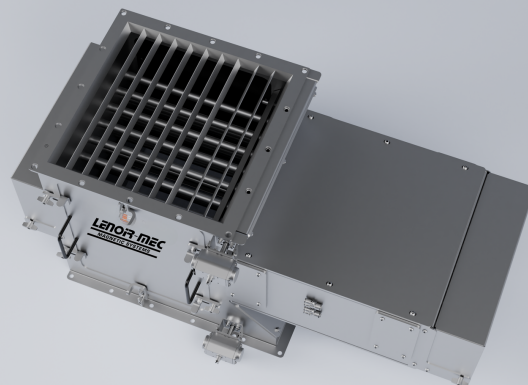
Recognized
performance



High
reliability



Waterproof
and robust



SERVICES



Rapid after-sales
service intervention



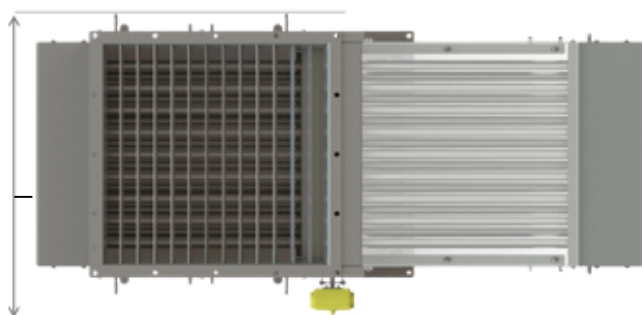
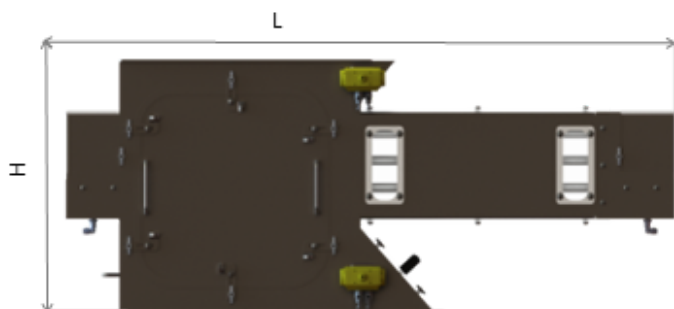
Fleet monitoring and
periodic verification



Assistance with industrial
commissioning



Spare parts
stock



OPTIONS :

High Temperature Magnets (150°C)
AD/SGA control box with touch screen
and supervision
316L stainless steel housing
Atex 21 or 22

MODELS

Model	Product passage (mm)	Weight (Kg)	Length (mm) L	Width (mm) I	Height (mm) H	Volume flow rate (m3/h)	Mass flow rate (t/h)
SGA 250	250x250	75	857	471	648	35	30
SGA 300	300x300	87	943	520		50	40
SGA 350	350x350	109	1043	570		70	50
SGA 400	400x400	120	1143	620		90	70
SGA 450	450x450	141	1243	670		110	90
SGA 500	500x500	162	1343	720		135	110
SGA 550	550x550	182	1443	770		149	120
SGA 600	600x600	202	1543	820		163	130
SGA 700	700x700	242	1743	920		190	150

Made in France



*For a particle size of 0 to 5 mm with a density of 0.5

LENOR-MEC

ATTRACTING SOLUTIONS



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