



Latest Innovations

Innovative solutions developed across all areas of technology.

Product Catalogue

Pneumatic Magnetic Separator

SE-MXM-350
SE-MXM-650
SE-MXM-950

Technological Advantages

Across All Markets and Sectors

SE-MXM PNEUMATIC MAGNETIC SEPARATOR - APPLICATION OVERVIEW

The SE-MXM Pneumatic Magnetic Separator is a square box magnet designed for the effective separation of ferrous metal contaminants from free-flowing bulk materials. It is specifically integrated to open and close the internal flap mechanism that controls the magnetic separation process. The high-strength magnetic unit captures iron particles, steel fragments, and magnetic impurities as the product passes through the separator. When cleaning or discharge is required, the pneumatic actuator operates the internal flap, allowing controlled release of the collected metal contaminants without interrupting the main production flow. This design ensures safe, efficient, and operator-friendly cleaning cycles while maintaining continuous production. The square box structure provides a compact and rigid housing, supporting stable material flow and consistent magnetic performance under heavy industrial conditions.

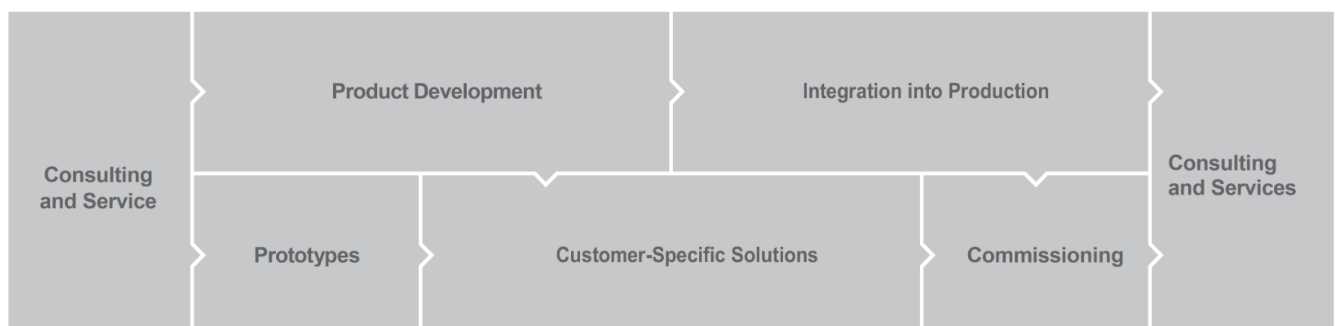
The SE-MXM is widely used in flour mills, semolina factories, whole wheat flour plants, corn flour mills, feed production facilities, grain cleaning sections, cement plants, and recycling facilities where product purity, equipment protection, and operational safety are critical. By combining a powerful magnetic system with a pneumatically controlled flap mechanism, the SE-MXM Pneumatic Magnetic Separator delivers reliable metal separation, reduced maintenance time, and long-term operational stability in demanding industrial environments.

FEATURES & ADVANTAGES

- ▶ High-strength square box magnetic system for effective ferrous metal separation
- ▶ Pneumatically actuated internal flap for controlled magnet opening and cleaning
- ▶ Pneumatic system used only for flap operation, not for air conveying
- ▶ Efficient removal of iron particles, steel fragments, and magnetic contaminants
- ▶ Continuous operation without interrupting product flow
- ▶ Safe and easy cleaning of collected metal impurities
- ▶ Robust and compact housing for heavy industrial environments

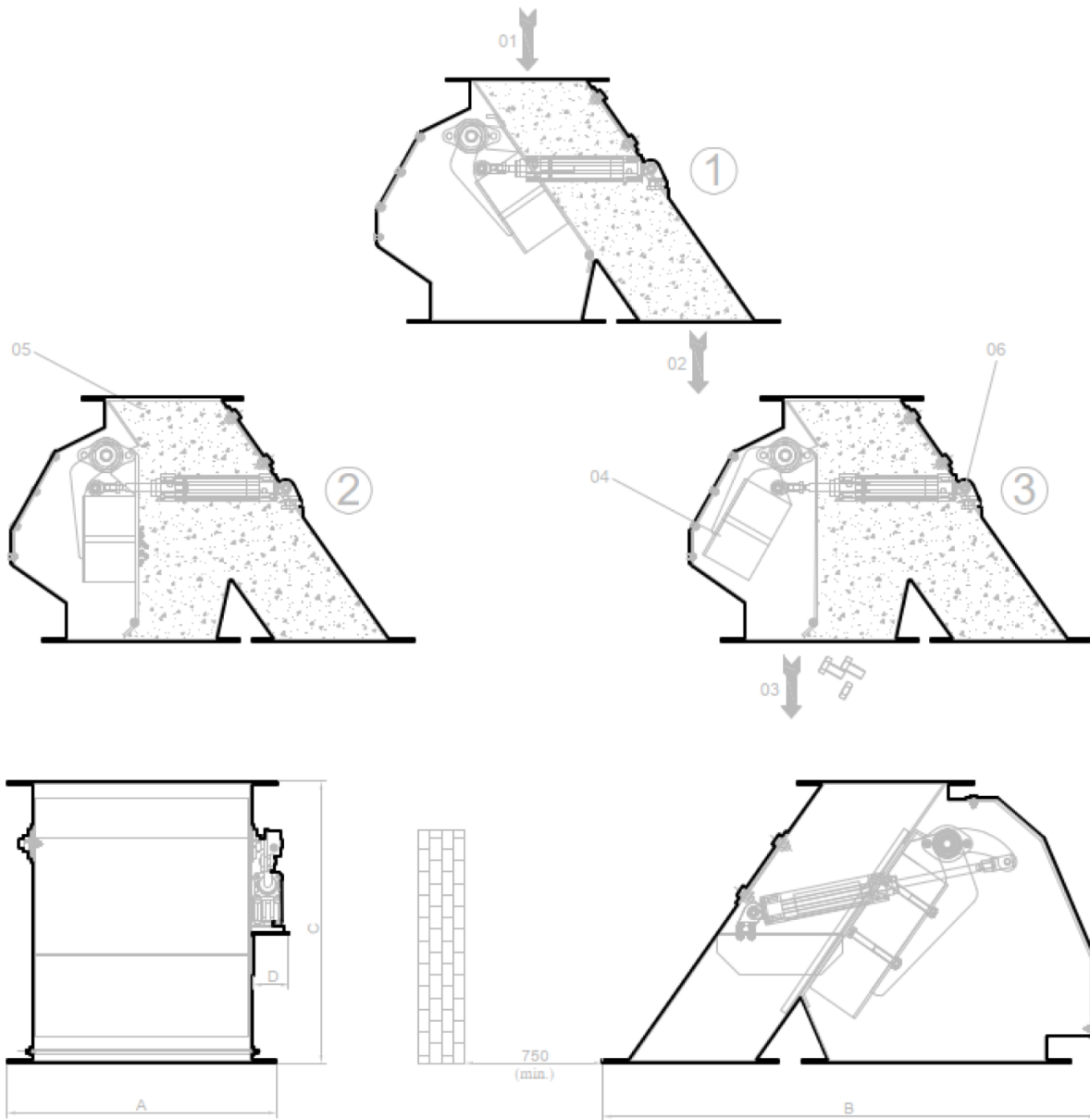
APPLICATION FIELDS

- ▶ Flour mills
- ▶ Semolina factories
- ▶ Whole wheat flour production plants
- ▶ Corn flour and maize processing facilities
- ▶ Feed production plants
- ▶ Grain cleaning and conditioning sections
- ▶ Cereal processing lines
- ▶ Pasta production factories
- ▶ Biscuit and food processing plants
- ▶ Cement production plants
- ▶ Recycling facilities



Technical Table

Pneumatic Magnetic Separator



Sediroglu

MODEL MODELE	DIMENSIONS mm.								TECHNICAL FEATURES CARACTERISTIQUES TECHNIQUES		
	A	B	C	D	01	02	03	Capacity-Capacité t/h	Weights - Poids Kg		Gross volume Volume sous emballage m³
									Net	Gross-Brut	
SE-MXM 350	425	750	385	120	350x350	200X350	200X350	100	150	197	0,2
SE-MXM 650	725	750	385	120	350x650	200X650	200X650	200	195	239	0,3
SE-MXM 950	1025	750	385	120	350x950	200X950	200X950	300	235	282	0,4

SEDIROGLU GROUP DELIVERS COMPLETE SOLUTIONS ACROSS VARIOUS INDUSTRIES, COMBINING DEEP TECHNICAL EXPERTISE WITH A DIVERSE AND EXTENSIVE PRODUCT RANGE TO MEET A WIDE SPECTRUM OF CUSTOMER NEEDS.

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