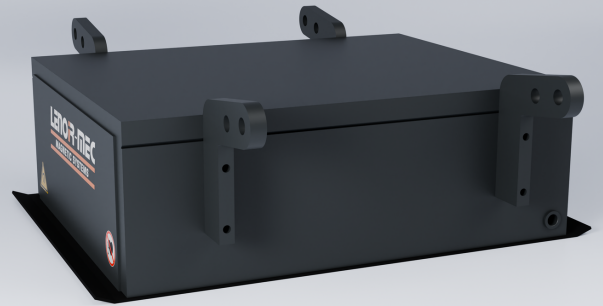
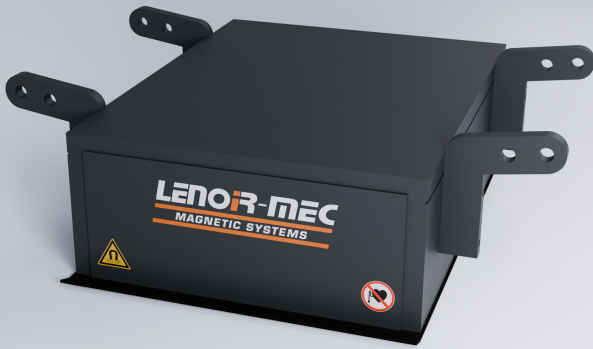




Precise magnetic separation of ferrous metals

INDUSTRIAL APPLICATIONS

The fixed magnetic separator is used in various sectors:

- Mining and quarries
- Recycling and waste treatment industries
- Cement plants and foundries
- Food processing and chemical industries

GENERAL CHARACTERISTICS

- High permeability steel magnetic circuit
- Anodized aluminum coil embedded in epoxy resin for increased durability
- Secure suspension with 4 robust mounting lugs
- Available in a permanent magnet version (APRF)
- Power supply: Available in 110V or 220V DC

ADVANTAGES



LONG ATTRACTION DISTANCE

Efficient extraction capability even at elevated heights



POWERFUL ELECTROMAGNET

Suitable for demanding industrial environments



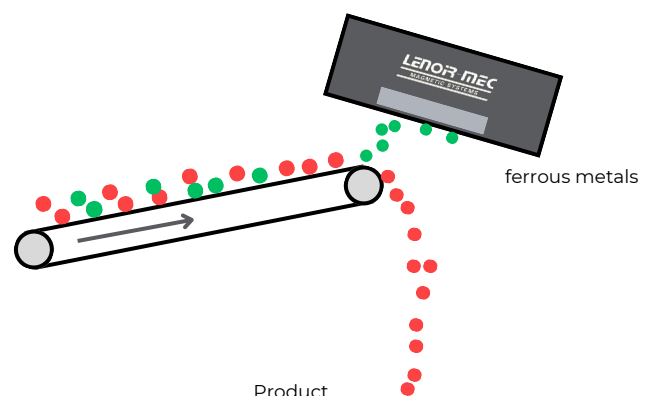
EASY MAINTENANCE

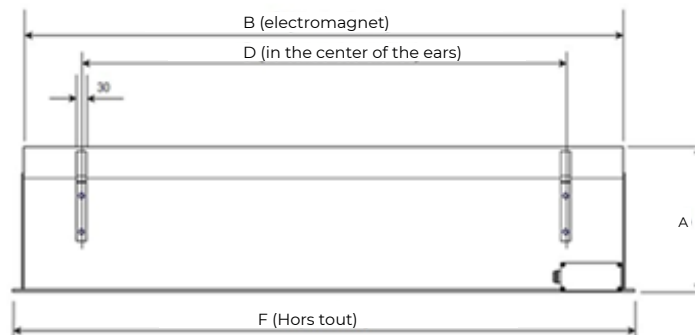
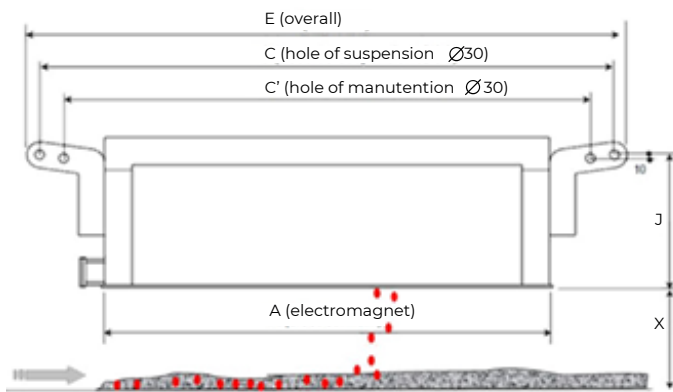
Simplified cleaning through electric magnet deactivation

OPERATING PRINCIPLE

- The fixed magnetic separator is designed to capture and extract ferrous metals.
- Placed above a conveyor, it generates an intense magnetic field that attracts and holds metallic contaminants.
- Once separation is achieved, deactivating the magnet allows the release of the collected metal particles.
- The electromagnet can be combined with a metal detector upstream and downstream to enhance its efficiency.

SCHEMATIC





Type	Maximum attraction distance X	Belt Width in diffrents installations		Electromagnet		Magnetic power (W)	Voltage (Vdc)	C	C'	D	E	F	J	Weight (Kg)
		Transversal	At the pier	A	B									
RD 8-10	350	800	650	780	980	3450	110	1031	1180	640	1260	1050	359	1045
RD 8-12		1000			1230	4450	110			890	1260	1300		1330
RD 8-16		1400			1580	6250	110			1240	1260	1650		1730
RD 10-12	420	1000	800	990	1250	5400	110	1241	1390	910	1470	1320	359	1765
RD 10-14		1200			1400	6000	110			1060	1470	1470		2000
RD 10-16		1400			1550	6500	110			1210	1470	1620		2235
RD 10-18		1600			1750	7200	110			1410	1470	1820		2540
RD 12-14	500	1200	1000	1175	1435	7300	110	1426	1575	1060	1655	1495	410	3175
RD 12-16		1400			1575	7800	110			1210	1655	1645		3530
RD 12-18		1600			1775	9700	110			1410	1655	1845		4000
RD 12-20		1800			1995	10250	110			1630	1655	2065		4520
RD 14-15	600	1300	1200	1370	1470	9200	220	1621	1770	1110	1850	1540	410	4160
RD 14-17		1500			1670	11250	220			1310	1850	1740		4770
RD 14-19		1700			1870	12950	220			1510	1850	1940		5370
RD 16-15	720	1300	1400	1580	1580	10350	220	1831	1980	1110	2060	1590	460	5130
RD 16-17		1500			1720	12400	220			1310	2060	1790		5880
RD 16-19		1700			1920	14300	220			1510	2060	1990		6580
RD 18-18	830	1600	1600	1780	1820	15900	220	2031	2180	1410	2260	1890	460	6800
RD 18-21		1900			2120	16900	220			1710	2260	2190		7955
RD 18-25		2300			2520	18000	220			2110	2260	2590		9490

Other dimensions on demand

SERVICES



Industrial commissioning assistance



Stock of spare parts



Rapid after-sales service



Equipment monitoring and periodic inspection

OPTIONS & ACCESSORIES

- PTO sensor for coil temperature monitoring
- Colors available according to the RAL chart
- Overpowered RD (with upstream detector)
- ATEX 22 Ex II 3D certification
- 4 adjustable chains with claws
- Control cabinet: Standard (ADI) or advanced (AD) versions
- 4 suspension (M27)

LENOIR-MEC

ATTRACTING SOLUTIONS



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