

C-SCAN

Metal Detection: Protect your Products and YOUR Process

The metal detector is used in various industrial sectors:

- Food
- Mining
- Recycling
- Pharmaceutical

GENERAL CHARACTERISTICS

- High sensitivity: detecting metal particles even less than 1 mm.
- Versatility: Detection of metals including ferrous, non-ferrous and stainless.
- Ease of integration: Easy integration into existing production lines.
- User-friendly interface: Touch screen for easy control and configuration.
- Compliance with standards: Meets food safety standards

OPERATING PRINCIPLE

- The frame is made of two coils that create a detection field.
- Metal particles entering into the detection field are identified and differentiated.
- The detection creates an alarm or a rejection system.

BENEFITS



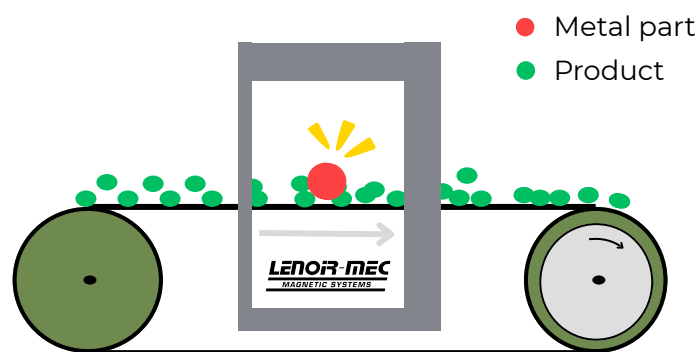
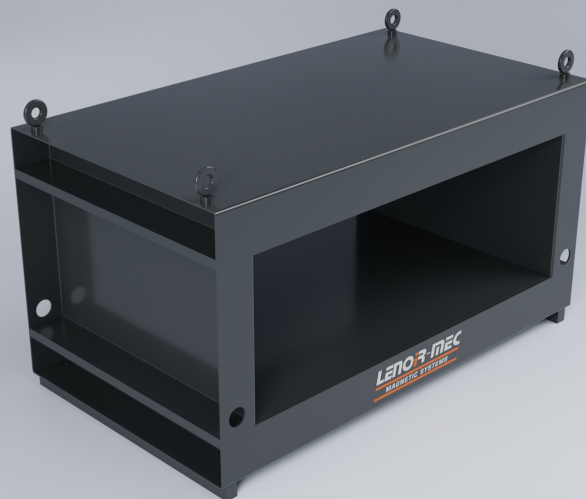
Recognized
performance

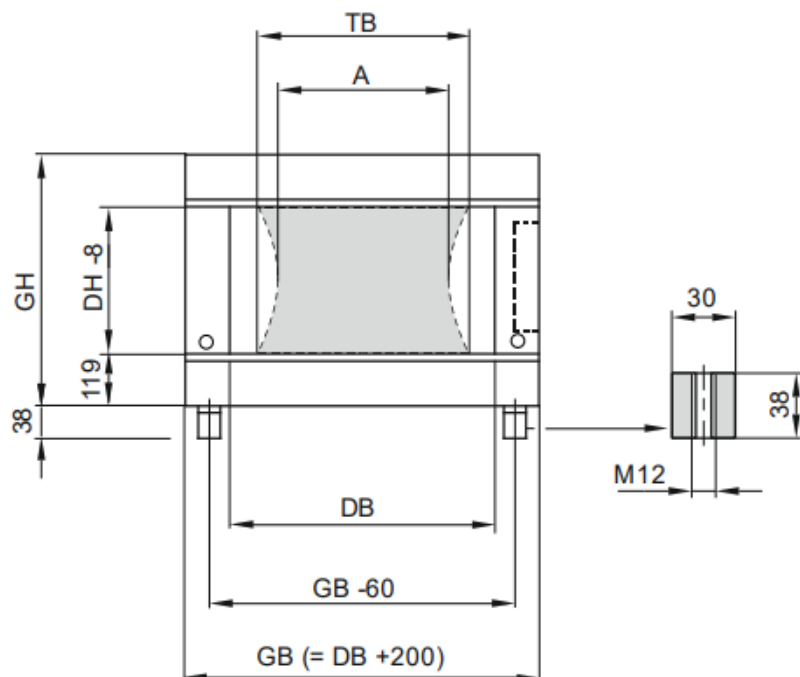
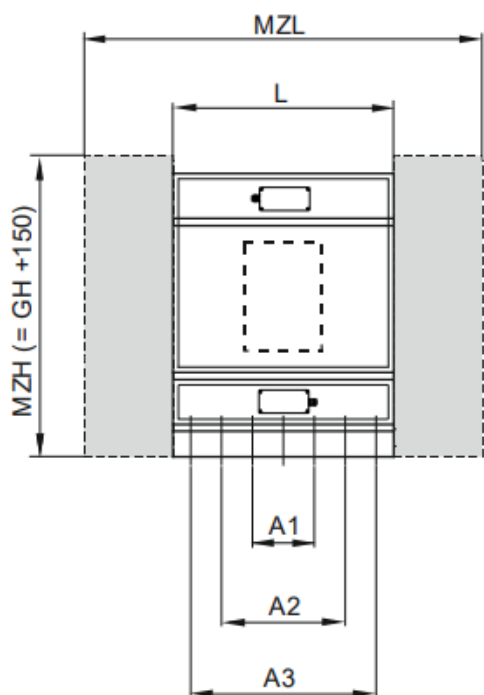


High
reliability



Waterproof
and robust





TB	Scanning width (approx belt width)
DH	Opening height
DB	Opening width
CU	Control Unit
GH	Total height
GB	Total width

L	Coil length
A1/A2/A3	Distance of the mounting holes
A	Sensitive area
MZH ²⁾	Metal free zone (height)
MZL ²⁾	Metal free zone (length)

SERVICES



Assistance with industrial commissioning



Spare parts stock



Rapid after-sales service intervention



Fleet monitoring and periodic verification

OPTIONS & ACCESSORIES

- > Optical and acoustic signaling system
- > Conveyor stop control
- > Certification UL/CSA
- > Rollover prevention

LENOR-MEC

ATTRACTING SOLUTIONS



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Visitez notre site !



Type ³⁾					Detection coil								Scanning sensitivity ¹⁾				Weight
C-SCAN	DB	TB	DH	CU	GH	GB	L	A1	A2	A3	A	MZL ²⁾	PRIMUS+ Ø Fe-ball Normal 2.0 – 0.025 m/s	GENIUS+ Ø Fe-ball Normal 2.0 – 0.3 m/s	Slow 0.29 – 0.12 m/s	Min. 0.11 – 0.025 m/s	[kg] ⁴⁾
DLS	700	500	200	-PP	430	900	500			420	440	700	2.50	1.80	1.80	2.50	100
DLS	700	500	300	-PP	530	900	500			420	410	800	3.50	3.00	3.00	4.00	104
DLS	740	500	400	-PP	630	940	700		310	620	380	1100	5.00	4.00	4.50	7.00	108
DLS	800	600	200	-PP	430	1000	500			420	540	700	2.50	1.80	2.00	2.50	109
DLS	800	600	300	-PP	530	1000	500			420	510	800	3.50	3.00	3.00	4.50	113
DLS	840	600	400	-PP	630	1040	700		310	620	480	1100	5.00	4.00	4.50	7.00	157
DLS	840	600	600	-PP	830	1040	700		310	620	420	1300	8.00	7.00	8.00	12.00	165
DLS	900	700	200	-PP	430	1100	500			420	640	700	2.50	2.00	2.50	2.50	118
DLS	900	700	300	-PP	530	1100	500			420	610	800	4.00	3.00	3.50	4.50	122
DLS	940	700	400	-PP	630	1140	700		310	620	580	1100	5.50	4.50	5.00	7.00	168
DLS	940	700	600	-PP	830	1140	700		310	620	520	1300	8.00	7.00	8.00	12.00	176
DLS	1000	800	200	-PP	430	1200	500			420	740	700	3.00	2.50	2.50	3.00	127
DLS	1000	800	300	-PP	530	1200	500			420	710	800	4.00	3.50	3.50	5.00	131
DLS	1040	800	400	-PP	630	1240	700		310	620	680	1100	5.50	4.50	5.00	7.00	179
DLS	1040	800	600	-PP	830	1240	700		310	620	620	1300	9.00	7.00	8.00	14.00	187
DLS	1100	900	200	-PP	430	1300	500			420	840	700	3.00	2.50	2.50	3.00	136
DLS	1100	900	300	-PP	530	1300	500			420	810	800	4.50	3.50	4.00	5.00	140
DLS	1140	900	400	-PP	630	1340	700		310	620	780	1100	6.00	4.50	5.00	8.00	190
DLS	1140	900	600	-PP	830	1340	700		310	620	720	1300	9.00	7.00	8.00	14.00	198
DLS	1200	1000	200	-PP	430	1400	500			420	940	700	3.50	2.50	3.00	3.50	145
DLS	1200	1000	300	-PP	530	1400	500			420	910	800	4.50	3.50	4.00	5.50	149
DLS	1240	1000	400	-PP	630	1440	700		310	620	880	1100	6.00	5.00	5.50	8.00	201
DLS	1240	1000	600	-PP	830	1440	700		310	620	820	1300	9.00	7.00	8.00	14.00	209
DLS	1280	1000	800	-PP	1030	1480	900	160	500	820	760	1700	12.00	10.00	12.00	20 (M14)	291
DLS	1440	1200	400	-PP	630	1640	700		310	620	1080	1100	7.00	5.00	5.50	8.00	211
DLS	1440	1200	600	-PP	830	1640	700		310	620	1020	1300	10.00	8.00	9.00	14.00	235
DLS	1480	1200	800	-PP	1030	1680	900	160	500	820	960	1700	14.00	10.00	12.00	20 (M14)	299
DLS	1640	1400	400	-PP	630	1840	700		310	620	1280	1100	7.00	5.50	6.00	9.00	244
DLS	1640	1400	600	-PP	830	1840	700		310	620	1220	1300	10.00	8.00	9.00	14.00	253
DLS	1680	1400	800	-PP	1030	1880	900	160	500	820	1160	1700	14.00	10.00	12.00	20 (M14)	310

) The stated detection sensitivities (ball Ø in mm) apply to nonconductive products at the standard operation frequency and refers to the centre of the detection aperture (most disadvantageous position). Products that show intrinsic conductivity due to moisture content, electrolytes or other conductive contents may reduce the sensitivity as well as variations of product temperature, environmental effects (mechanical shocks and vibrations, electromagnetic interferences) or the set product angle. The detectable size of metal particles depends on their nature, shape and position while passing the metal detector. The sensitivity is specified with regard to the corresponding conveying speed. If the conveying speed is differing from the mentioned speed ranges please contact our sales and service team. 2) Within this zone no metallic objects are allowed. For moving metallic objects the zone increases (doubles). 3) Example for Type-Naming: C-SCAN DLS 700/500/200-PP. 4) Guide value, the actual weight may be different depending on options and configuration

