

dragoelectrónica

RELIABILITY ◦ PUNCTUALITY ◦ CLIENT PROXIMITY

METAL DETECTORS



drago electrónica

METAL DETECTORS

For more than 40 years, our company has been dedicated to the manufacture of devices for the protection of crushing machinery and the elimination of metallic particles.

A range of ferrous and non-ferrous metal separators from Drago Electrónica perfectly satisfy efficiency requirements for the accurate separation of raw materials.

Our equipment range are available for diverse applications ranging from sorting scrap material to mining applications and our technical department provides solutions for different applications, from standard to custom applications.





Our machines stand out for these main features:

Efficient:

The system of metals elimination is completely automatic, without breaks in the operation of the installation.

Simple:

Its use and handling do not require any type of specialization and is practically intuitive.

Reliable:

Our machines do not require special attention, just the usual recommended maintenance.

Powerful:

It is built in solid structures; it is completely watertight (IP65 protection). Our machinery is designed for outdoor work and extreme environmental conditions.

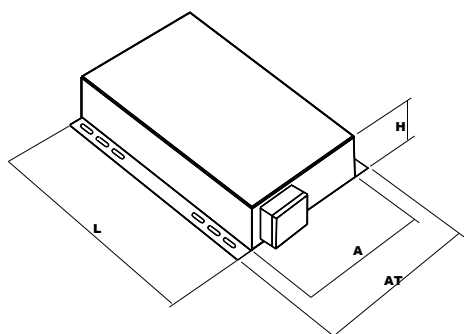
We are currently exporting more than 60% of our production in South America, Europe, Africa and Asia and we continue to grow.





TYPE ER

This detector is the flagship product of our range for its simple operation and high performance. Composed of a single detector plate. It is installed under the conveyor belt, ideal to protect secondary or tertiary mills with a granulometry not exceeding 150 mm and a material layer height of approximately 200 mm



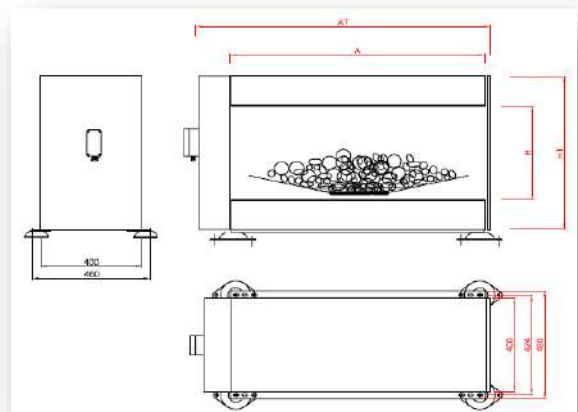
TYPE	L	A	AT	H	WEIGHT
ER-500	500	400	460	80	11
ER-600	600	400	460	80	12
ER-800	800	400	460	120	18
ER-1000	1000	400	460	120	21
ER-1200	1200	400	460	120	34
ER-1400	1400	400	460	120	39

We reserve the right to modify any data in order to improve the performance of the separators. For other measures consult the manufacturer



TYPE GR

It consists of two coils, one transmitter and another signal receiver. The coils are installed in the belt forming a tunnel through which the material passes to be analysed. Its installation is very simple because one of the sides of the detector cabinet is separated for its insertion in the tape, the band has not be cut.



TYPE	A	AT	H	L	LT	WEIGHT
GR-400	500	620	From 100 to 500	400	460	50
GR-500	800	920	From 100 to 500	400	460	60
GR-600	800	920	From 100 to 500	400	460	65
GR-800	1000	1120	From 100 to 500	400	460	80
GR-1000	1200	1320	From 100 to 500	400	460	95
GR-1200	1400	1520	From 100 to 500	400	460	100
GR-1400	1400	1520	From 100 to 500	400	460	120

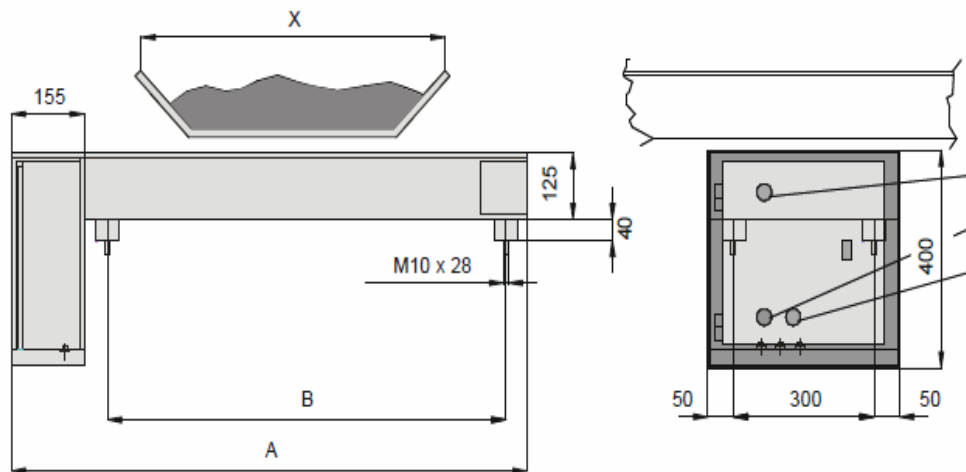
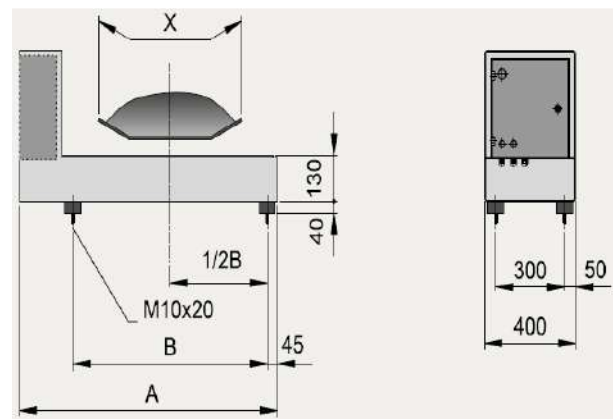
Other measures can be made on request.



TYPE ERS

Metal detector composed of a coil that is installed under the conveyor belt. Governed by microprocessor, its sensitivity is higher than that of the ER model, its detection height is maximum 200 mm.

Disposes of the ATEX CERTIFICATION AREA 22.



X	300	400	500	650	800	1000
A	750	850	950	,1100	1250	1450
B	500	600	700	850	1000	1200

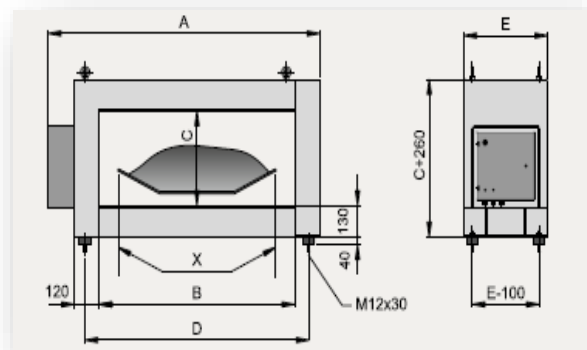
Other measures can be made on request.



TYPE GRS

Metal detector composed of two detector coils, being a removable system for insertion in the conveyor belt. Governed by microprocessor, its sensitivity and stability are very high.

Disposes of the ATEX CERTIFICATION AREA 22 AND AREA 21.



X	300	400	500	650	800	1000	1200	1400	1600	1800	2000
A	900	1000	1100	1250	1400	1600	1800	2000	2200	2400	2600
B	500	600	700	850	1000	1200	1400	1600	1800	2000	2200
C	from 200 to 1000										
D	640	740	840	990	1140	1340	1540	1740	1940	2140	2340
E	400	400	400	400	500	500	500	600	600	700	700

Other measures can be made on request.