

PERMANENT SUSPENDED MAGNET

ASP**SCOPE**

Permanent suspended magnets, ASPs, may be used on all bulk products, on conveyors, vibrating lines or chutes. They are intended for :

- **protecting** the plant against ferromagnetic parts
- magnetic **refinement** of products. Thin and average layers are processed. Ferrous parts should be in small or extraordinary quantities.
- ASPs are suitable for :
 - recycling industries (wood, glass, plastics, cable, etc.)
 - quarries, mines and cement works.
 - the paper industry,
 - the food - processing industry.

TECHNICAL SPECIFICATIONS

The magnetic circuit of ASPs consists of :

- a machine-welded steel **yoke** of high permeability,
- a magnetic body consisting of **ferrite magnets** with high field value.

The unit is locked with synthetic resin in a non - magnetic box.

A moving rubber guard makes it easier to extract by hand the magnetic bodies drawn out by the ASPs.

INSTALLATION METHOD

ASPs can be suspended using chains, cables or straps and eyebolts with shackles. They are installed either crossways where the product unwinds or at conveyor chutes.

No energy source is required.

SPECIFICATIONS

Performances vary according to various parameters :

- characteristics of the products to be processed
- properties of the ferromagnetic parts to be extracted
- characteristics of the plant.

Four types of ASP are offered according to the working height :

200, 225, 275, 330 mm.

A questionnaire is attached in our "Iron Removal" document to help you choose from our wide range of iron removal equipment.

THE ADVANTAGES

The simple design provides high performance and solid ASPs. They are dustproof and may be prepared for use in the tropics.

Easily changed into overband, they can be adapted to changes on your production line.

INSTRUCTIONS FOR USE

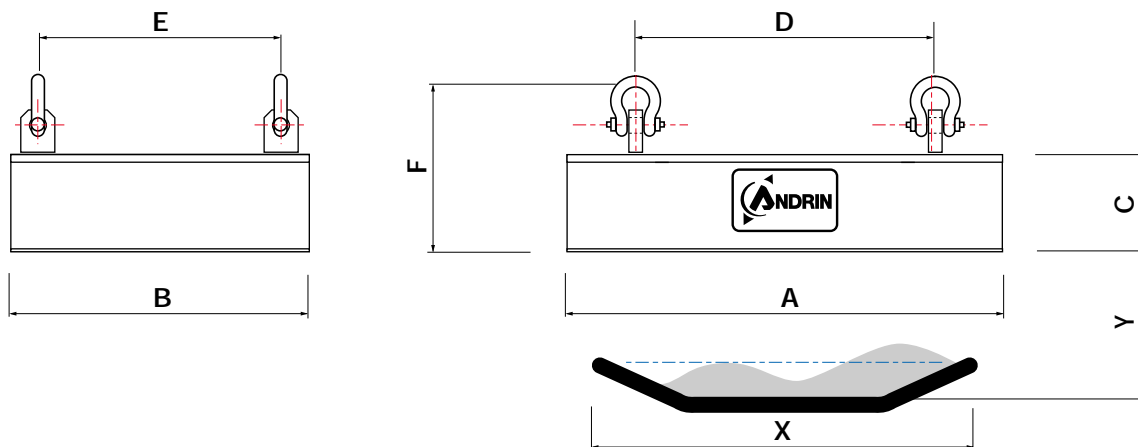
An operator periodically removes the ferrous parts from the rubber guard on the magnet.

No maintenance and no upkeep.



TECHNICAL FEATURES

ASP



TYPE	Weight kg	Dimensions (mm)						Convoyor belt (mm)	
		A	B	C	D	E	F	X	Y
25 / 40	41	400	250	73	200	100	156	500	140
25 / 60	56	600	—	—	400	—	—	800	—
25 / 80	71	800	—	—	600	—	—	1000	—
25 / 100	86	1000	—	—	800	—	—	1200	—
25 / 120	101	1200	—	—	1000	—	—	1400	—
50 / 40	230	440	560	170	330	585	501	500	230
50 / 60	320	640	—	—	530	—	—	800	—
50 / 80	410	840	—	—	730	—	—	1000	—
50 / 100	490	1040	—	—	930	—	—	1200	—
50 / 120	590	1240	—	—	1130	—	—	1400	—
80 / 60	380	600	800	190	400	650	280	800	300
80 / 80	520	800	—	—	730	—	—	1000	—
80 / 100	660	1000	—	—	930	—	—	1200	—
80 / 120	800	1200	—	—	1130	—	—	1400	—
80 / 140	940	1400	—	—	1330	—	—	1600	—
80 / 160	1080	1600	—	—	1400	—	—	1800	—
100 / 80	870	800	1000	—	600	850	—	1200	340
100 / 100	1040	1000	—	—	800	—	—	1400	—
100 / 120	1215	1200	—	—	1000	—	—	1600	—
100 / 140	1390	1400	—	—	1200	—	—	1800	—
120 / 80	1520	800	1200	370	600	1050	535	1000	410
120 / 100	1925	1000	—	—	800	—	—	1200	—
120 / 120	2330	1200	—	—	1000	—	—	1400	—
120 / 140	2735	1400	—	—	1200	—	—	1600	—
120 / 160	3140	1600	—	—	1400	—	—	1400	—

Other sizes are available. Contact our technical staff.

OPTIONS

- **Moving frame**
mounted on moving frame for cleaning
- **Rubber guard**
- **Suspension frame**
- **OVPB adaptor kit**
- **Finish for food - processing**
- **Borium Iron Neodymium**
The ASP is fitted with very high induction Borium Iron Neodymium magnets for certain products and particle sizes.