

ELECTROMAGNETIC SUSPENDED MAGNET

ASAP**SCOPE**

ASAPs, suspended electromagnetic magnets with aluminium winding, are fitted above conveyors, vibrating lines or chutes transporting bulk products.

They are very efficient when :

- the plant is **protected** against ferromagnetic parts,
- the products are magnetically **refined**.

ASAPs are specially suitable for processing bulk products, **in average and thick layers of varied particle size**.

Ferrous parts there shall be in small or extraordinary quantities.

ASAPs are suitable for :

- recycling industries (wood, glass, plastics, cable, etc.),
- quarries, mines and cement works,
- docks and harbours,
- the food - processing industry.

TECHNICAL SPECIFICATIONS

The magnetic circuit of ASAPs consists of :

- a machine-welded steel yoke of high permeability,
- external poles and a steel central core,
- **aluminium winding** with reinforced insulation,
- a closed **non-magnetic box**.



Depending on use and surroundings, ASAPs are offered in **2 versions** :

- Air cooled : **ASAP N**,
- Oil cooled : **ASAP NE**.

INSTALLATION METHOD

ASAPs 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.

Electric connections are made through terminal boxes.

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.

Eight types of ASAP in two different versions are proposed according to :

- working height : **210, 290, 370, 440, 520, 630, 750, 850 mm**.

- cooling method : **N ou NE**.

To help you make a choice, a questionnaire is attached to our "Iron Removal" document.

THE ADVANTAGES

The simple design provides ASAP reliability and high performance.

The magnetic field is uniform over the whole working area of the magnet.

The NE versions are completely **dust and splashproof**. Thermal distribution and dissipation is provided by an oil bath. They are fitted with a safety valve and may be prepared for use in the tropics.

Easily changed into overband, they can be adapted to changes in the production line.

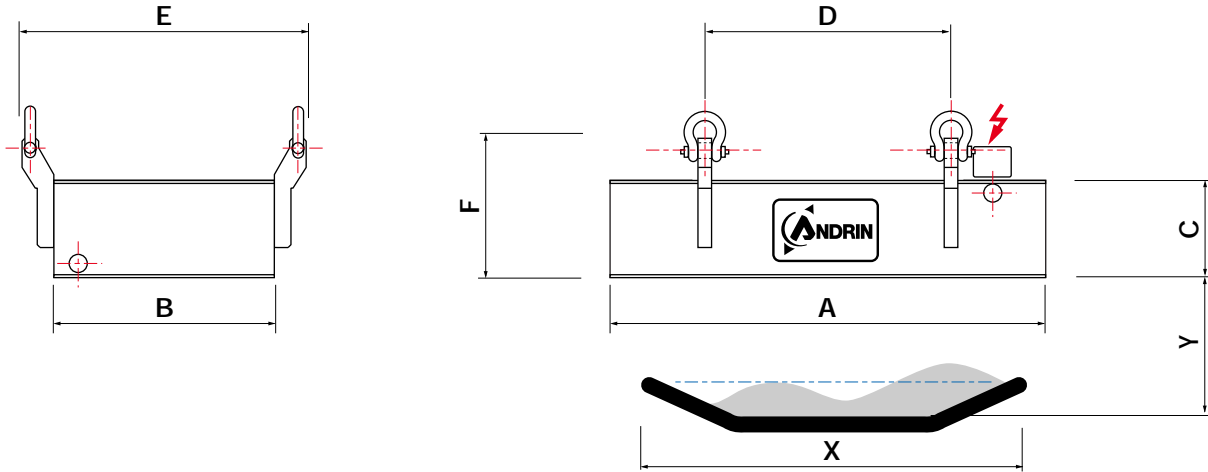
INSTRUCTIONS FOR USE

The ferrous parts are withdrawn by switching off the electricity supply. Maintenance is reduced considerably.

ELECTROMAGNETIC SUSPENDED MAGNET

ASAP

We provide after-sales service for all brands and all types of equipment.



TYPE	Type N	Type NE	Magnet power W	Voltage V	Type Enclosure	Dimensions (mm)						Conveyor (mm)	
	Weight Kg	Weight Kg				A	B	C	D	E	F	X	Y
50 / 40	370	400	1960	110/220	TRC 5	730	500	292	300	820	535	500	210
50 / 60	480	510	2440	—	—	930	—	299	500	—	—	800	—
50 / 80	620	660	2740	—	—	1130	—	313	700	—	—	1000	—
50 / 100	750	800	2950	—	—	1330	—	326	900	—	—	1200	—
65 / 40	510	550	2610	110/220	—	840	650	302	300	970	—	500	290
65 / 60	740	790	3040	—	—	1040	—	323	500	—	—	800	—
65 / 80	920	980	3460	—	—	1240	—	329	700	—	—	1000	—
65 / 100	1140	1210	3810	—	—	1440	—	336	900	—	—	1200	—
65 / 120	1320	1390	4360	—	—	1640	—	—	1100	—	—	1400	—
80 / 40	700	750	3390	110/220	—	930	800	326	300	1120	—	500	370
80 / 60	980	1040	3720	—	—	1130	—	339	500	—	—	800	—
80 / 80	1180	1250	4390	—	—	1330	—	—	700	—	—	1000	—
80 / 100	1520	1610	4890	—	—	1530	—	353	900	—	—	1200	—
80 / 120	1800	1900	5190	—	TRC 12	1730	—	360	1100	—	—	1400	—
80 / 140	2050	2160	5800	—	—	1930	—	—	1300	—	—	1600	—
100 / 60	1380	1470	4770	110/220	TRC 5	1260	1000	368	500	1320	608	800	440
100 / 80	1720	1820	5530	—	TRC 12	1460	—	—	700	—	—	1000	—
100 / 100	2080	2210	6480	—	—	1660	—	390	900	—	—	1200	—
100 / 120	2460	2610	6930	—	—	1860	—	403	1100	—	—	1400	—
100 / 140	2840	3010	7300	—	—	2060	—	417	1300	—	—	1600	—
100 / 160	3200	3380	8010	—	—	2260	—	337	1500	—	—	1800	—
120 / 60	1960	2100	5680	110/220	—	1380	1200	423	500	1520	—	800	520
120 / 80	2440	2590	6490	—	—	1580	—	—	700	—	—	1000	—
120 / 100	2940	3110	7300	—	—	1780	—	—	900	—	—	1200	—
120 / 120	3410	3600	8110	—	—	1980	—	—	1090	—	628	1400	—
120 / 140	3890	4090	8920	—	—	2180	—	—	1290	—	—	1600	—
120 / 160	4380	4600	9730	—	—	2380	—	—	1490	—	—	1800	—
120 / 180	4920	5160	9940	—	—	2580	—	437	1690	—	—	2000	—
140 / 80	2860	3050	8390	110/220	—	1740	1400	410	690	1720	—	1000	630
140 / 100	3400	3600	9350	—	—	1940	—	—	890	—	—	1200	—
140 / 120	3950	4160	10250	—	—	2140	—	—	1090	—	—	1400	—
140 / 140	4780	5060	10910	—	—	2340	—	445	1295	—	—	1600	—
140 / 160	5350	5650	11860	—	—	2540	—	—	1495	—	—	1800	—
140 / 180	5930	6250	12740	—	TRC 19	2740	—	—	1695	—	—	2000	—
140 / 200	6500	6840	13690	—	—	2940	—	—	1895	—	—	2200	—
160 / 120	5260	5570	12060	110/220	—	2260	1600	465	1090	1920	678	1400	750
160 / 140	5970	6300	13150	—	—	2460	—	—	1290	—	—	1600	—
160 / 160	6940	7310	13630	—	—	2660	—	486	1490	—	—	1800	—
160 / 180	7590	8020	13910	—	—	2860	—	487	1690	—	—	2000	—
160 / 200	8760	9230	14540	—	—	3060	—	514	1890	—	—	2200	—
180 / 160	8140	8640	15180	110/220	—	2800	1800	524	1490	2120	—	1800	850
180 / 180	9040	9560	16300	—	—	3000	—	—	1690	—	—	2000	—
180 / 200	9940	10500	17350	—	—	3200	—	—	1890	—	—	2200	—

Other sizes are available. Contact our technical staff.

OPTIONS

- Moving frame
- Suspension frame

- OVBAP adaptor kit
- Finish for food - processing
- Flameproof

- Electric power and control equipment
- Specific direct current

