



Magnetic Tubes / Separators

Magnetic separation for food, chemical, mining, and related industries



X-MAG's capabilities cover magnetic engineering & simulation, automated sustainable manufacturing, comprehensive quality assurance, and advanced magnet R&D.



Magnetic Tube Features:

- Stainless steel pipe housing for long life.
- Thread holes are at both end, so can be assembled in different grate separators easily as required.
- By using ferrite magnets or different grade rare earth magnets, different magnetic strength are available to meet every customer's requirement
- Can effectively remove ferrous chips and metal particles from loosely packed, free flowing materials.
- No power needed

Applications:

It's the main part of different magnetic grate separators.

Used by placing in the liquid, oil for collect steel powder and clean, such as use in EDM, Grinding machines and also for other industries of chemical and various.

Magnetic Tube

Model No.	Magnet Contained	Length (Inch)	Dia (Inch)	Max Working Temp. (° F)	Surface Gauss (Gauss)
XCMT17	Ferrite Magnet	4	1	400	2200
XCMT18	Ferrite Magnet	6	1	400	2200
XCMT19	Ferrite Magnet	8	1	400	2200
XCMT20	Ferrite Magnet	10	1	400	2200
XCMT21	Ferrite Magnet	12	1	400	2200
XCMT22	Ferrite Magnet	14	1	400	2200
XCMT23	Ferrite Magnet	16	1	400	2200
XCMT24	Ferrite Magnet	18	1	400	2200
XCMT25	Ferrite Magnet	20	1	400	2200
XCMT26	Ferrite Magnet	22	1	400	2200
XCMT27	Ferrite Magnet	24	1	400	2200
XCMT44	NdFeB Magnet	4	1	150	10700
XCMT45	NdFeB Magnet	6	1	150	10700
XCMT46	NdFeB Magnet	8	1	150	10700
XCMT47	NdFeB Magnet	10	1	150	10700
XCMT48	NdFeB Magnet	12	1	150	10700
XCMT49	NdFeB Magnet	14	1	150	10700
XCMT50	NdFeB Magnet	16	1	150	10700
XCMT51	NdFeB Magnet	18	1	150	10700
XCMT52	NdFeB Magnet	20	1	150	10700
XCMT53	NdFeB Magnet	22	1	150	10700
XCMT54	NdFeB Magnet	24	1	150	10700



Magnetic Grate Features:

- High power, low cost magnetic plates for inflow separation in hopper.
- No power needed.
- Concentrated magnetic field in the magnetic rod provides high grade attraction.
- Made with Strontium Ferrite or Rare Earth NdFeB magnets.
- Circular or rectangular shape with SS body.
- The frame and magnetic bar surface can be fine polished and full welded to meet food grade or pharmacy application.
- Frame and tube material is 304 or 316L stainless steel, good corrosion resistance and no pollution.

Applications:

Magnetic Grate is installed or simply laid-inside of hoppers, housings, and bins to trap and hold ferrous fines, fragments, Used particularly in plastic, chemicals, grains, cosmetics processing for powder separation.

Magnetic Grate Rectangular Shape

Model No.	Magnet Contained	Length (Inch)	Weight (Inch)	Height (Inch)	Max Working Temp. (° F)	Surface Gauss (Gauss)
XCMG01	Ferrite Magnet	6	6	1-1/2	400	2200
XCMG02	Ferrite Magnet	8	8	1-1/2	400	2200
XCMG03	Ferrite Magnet	6	10	1-1/2	400	2200
XCMG04	Ferrite Magnet	10	10	1-1/2	400	2200
XCMG05	Ferrite Magnet	8	12	1-1/2	400	2200
XCMG06	Ferrite Magnet	12	12	1-1/2	400	2200
XCMG07	Ferrite Magnet	12	16	1-1/2	400	2200
XCMG08	Ferrite Magnet	14	14	1-1/2	400	2200
XRMG28	NdFeB Magnet	6	6	1-1/2	150	10700
XRMG29	NdFeB Magnet	8	8	1-1/2	150	10700
XRMG30	NdFeB Magnet	6	10	1-1/2	150	10700
XRMG31	NdFeB Magnet	10	10	1-1/2	150	10700
XRMG32	NdFeB Magnet	8	12	1-1/2	150	10700
XRMG33	NdFeB Magnet	12	12	1-1/2	150	10700
XRMG34	NdFeB Magnet	12	16	1-1/2	150	10700
XRMG35	NdFeB Magnet	14	14	1-1/2	150	10700



Magnetic Grate Round Shape

Model No.	Magnet Contained	Length (Inch)	Dia. (Inch)	Max Working Temp. (° F)	Surface Gauss (Gauss)
XCMG09	Ferrite Magnet	1-1/2	6	400	2200
XCMG10	Ferrite Magnet	1-1/2	8	400	2200
XCMG11	Ferrite Magnet	1-1/2	10	400	2200
XCMG12	Ferrite Magnet	1-1/2	12	400	2200
XCMG13	Ferrite Magnet	1-1/2	14	400	2200
XCMG14	Ferrite Magnet	1-1/2	16	400	2200
XCMG15	Ferrite Magnet	1-1/2	18	400	2200
XCMG16	Ferrite Magnet	1-1/2	20	400	2200
XRMG36	NdFeB Magnet	1-1/2	6	150	10700
XRMG37	NdFeB Magnet	1-1/2	8	150	10700
XRMG38	NdFeB Magnet	1-1/2	10	150	10700
XRMG39	NdFeB Magnet	1-1/2	12	150	10700
XRMG40	NdFeB Magnet	1-1/2	14	150	10700
XRMG41	NdFeB Magnet	1-1/2	16	150	10700
XRMG42	NdFeB Magnet	1-1/2	18	150	10700
XRMG43	NdFeB Magnet	1-1/2	20	150	10700

