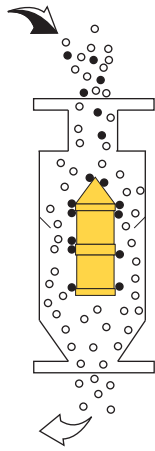


CMS



CMS series Cone Magnetic Separator protects processing machinery and purify granular and powder raw material by capturing tramp Iron contaminations in vertical flow systems. This magnetic separator used for Grain, Powder, Bulk, Plastic and Chemical industries and because cone magnet will locate in line of the material trajectory, so material have to be free flow and granular type where the chance of bridge forming is particularly nil.

CMS separator designed for gravity separation and consists a round pipe type housing which Magnetic Core placed inside on his suitable hinges and housing's door in order to find easy access for Cone magnet. The conical top of the magnet distributes the material flow evenly around the magnet core. Permanent Magnetic Core used for manual cleaning design where manual cleaning is feasible, in self cleaning design

electrical magnetic Core replace with permanent one and outlet of the housing will be equipped to flap gate to carry out captured items while releasing. Standard sanitary model are provided with CMS separator so that after installation it becomes part of the pipe system. On request there is possible to supply Flange model. The housing is made either of carbon steel or stainless steel as request. Guide strips are provided inside the housing to ensure that the material is evenly well dispersed in order to contact thoroughly with the magnetic core. The permanent magnetic Core could be made by ceramic on neodymium elements depending on application.

Feature and application:

- High strength ceramic or optional Rare-Earth magnet elements in permanent core type
- No power consumption in permanent core type
- Low maintenance cost in permanent core type
- Compact design
- No operative cost in permanent core type
- No failure
- Easily mounted
- uniformly powerfully
- Less expensive to purchase and operate
- Fully stabilized and non-deteriorating
- magnetic core with special hinges to make cleaning easier
- Leading Teflon plates
- Inlet/outlet sanitary or flanges type
- Available electromagnetic core for self cleaning separator
- Available special design for pneumatic pressure lines
- Without outlet cone design to reduce the height



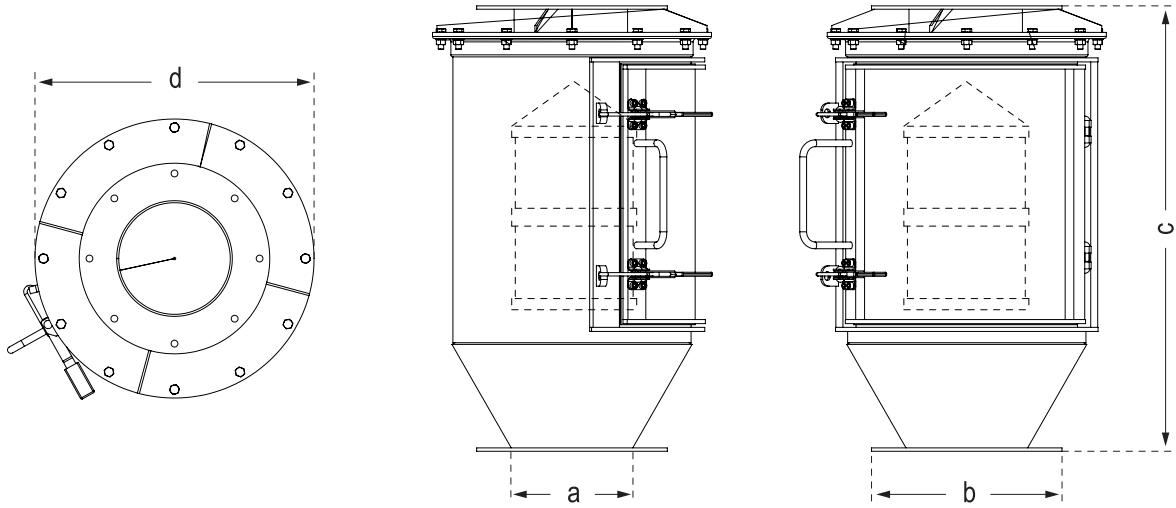
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June 2023

CMS



Model	Overall Dimensions				Nominal Capacity*	Total Weight Approx.
	a	b	c	d		
	mm	mm	mm	mm	ton/hr	kg
CMS 100	100	180	550	220	6	40
CMS 150	150	230	600	275	20	68
CMS 200	200	280	650	345	50	105
CMS 250	250	330	750	430	80	155
CMS 300	300	400	850	485	100	210
CMS 400	400	500	950	620	150	345
CMS 500	500	600	1,100	780	200	610

* Applies to dry and granular materials. For meals degrades to 50% of nominal rate.



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