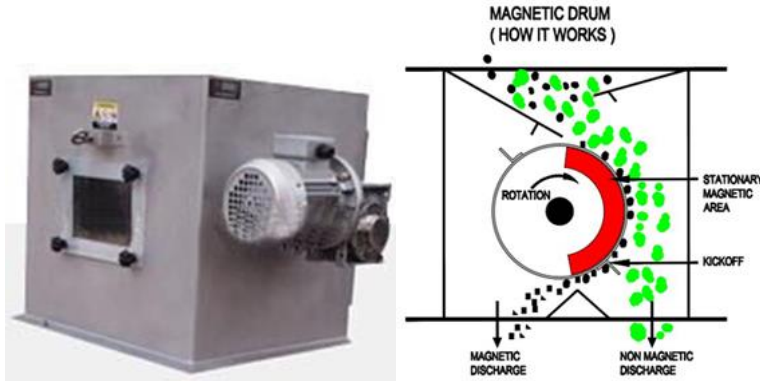


Magnetic Drum Separators

Magnetic drum separators are designed for continuous self-cleaning of metal contaminants from product flow streams. The materials usually have the characteristics of being dry, bulk and having a high concentration of iron contaminants. The main benefit of using drum magnet is working without line stopping.



(Drum Magnet)

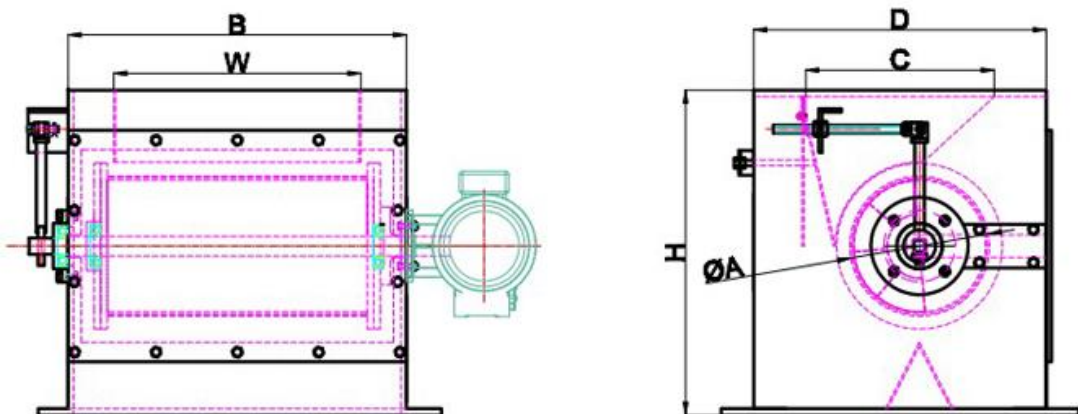
Construction:

Stanford magnetic drum separator is a drum magnet with a housing from outside for mounting purpose. It has all the benefits of drum magnet but is easier to install. Drum Magnet has a magnetic part of 180-degree internal arc which is stationary. The other half of space is totally non-magnetized. When material drops onto the drum cover surface, the metal contaminants will be attracted on the magnetic part while materials will pass through. As the drum cover is rotating invariably, the iron contaminant will follow its orbit to non-magnetized part and consequently it discharges.

Features:

1. Finishing: Mirror polished all over where material will contact while outside house brushing or sand blasted
2. Material of shell: 100% SS304 outside.
3. Magnet: Either rare earth magnet or ferrite magnet
4. Magnetic strength: multiform standard magnetic strength
5. Applicable material: Bulk process like mineral, wood chip, recyclables etc.
- 6 Customer designs and specifications can be fulfilled.

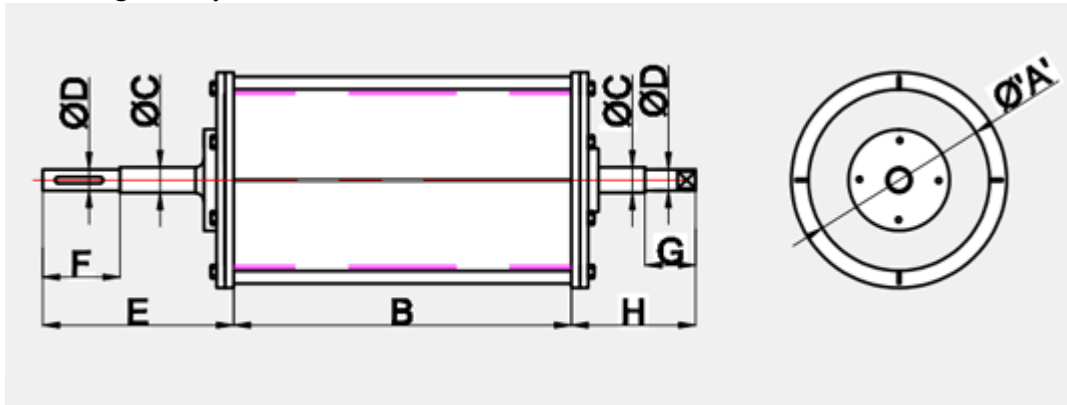
Magnetic Drum Separator



		Dimensions (mm)					
Part#		dia. A	Width B	Depth D	Inlet Length W	Inlet Length C	Height H
200 Series	SM-MDS 2140	215 (8.5")	500	400	350	260	475
	SM-MDS 2150	215 (8.5")	600	400	450	260	475
	SM-MDS 2160	215 (8.5")	700	400	550	260	475
	SM-MDS 2170	215 (8.5")	800	400	650	260	475
	SM-MDS 2180	215 (8.5")	900	400	750	260	475
	SM-MDS 2190	215 (8.5")	1000	400	850	260	475
	SM-MDS 21100	215 (8.5")	1100	400	950	260	475
300 Series	SM-MDS 3140	315 (12.5")	500	500	350	330	650
	SM-MDS 3150	315 (12.5")	600	500	450	330	650
	SM-MDS 3160	315 (12.5")	700	500	550	330	650
	SM-MDS 3170	315 (12.5")	800	500	650	330	650
	SM-MDS 3180	315 (12.5")	900	500	750	330	650
	SM-MDS 3190	315 (12.5")	1000	500	850	330	650
	SM-MDS 31100	315 (12.5")	1100	500	950	330	650
400 Series	SM-MDS 4040	400 (15.75")	500	585	350	405	750
	SM-MDS 4050	400 (15.75")	600	585	450	405	750
	SM-MDS 4060	400 (15.75")	700	585	550	405	750
	SM-MDS 4070	400 (15.75")	800	585	650	405	750

SM-MDS 4080	400 (15.75")	900	585	750	405	750
SM-MDS 4090	400 (15.75")	1000	585	850	405	750
SM-MDS 40100	400 (15.75")	1100	585	950	405	750

Drum Magnet only



Dimensions (mm)

Part#	dia. A	Width B	dia. C
SM-MDS 2140	215 (8.5")	400	30
SM-MDS 2150	215 (8.5")	500	30
SM-MDS 2160	215 (8.5")	600	30
200 Series			
SM-MDS 2170	215 (8.5")	700	30
SM-MDS 2180	215 (8.5")	800	30
SM-MDS 2190	215 (8.5")	900	30
SM-MDS 21100	215 (8.5")	1000	30
300 Series			
SM-MDS 3140	315 (12.5")	400	40
SM-MDS 3150	315 (12.5")	500	40
SM-MDS 3160	315 (12.5")	600	40



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	SM-MDS 3170	315 (12.5")	700	40
	SM-MDS 3180	315 (12.5")	800	40
	SM-MDS 3190	315 (12.5")	900	40
	SM-MDS 31100	315 (12.5")	1000	40
	SM-MDS 4040	400 (15.75")	400	50
	SM-MDS 4050	400 (15.75")	500	50
	SM-MDS 4060	400 (15.75")	600	50
400	SM-MDS 4070	400 (15.75")	700	50
Series	SM-MDS 4080	400 (15.75")	800	50
	SM-MDS 4090	400 (15.75")	900	50
	SM-MDS 40100	400 (15.75")	1000	50

***Please give us the info below if you'd like to have a customized product:**

- a) Interface/connection type and diameter
 - b) Pipeline pressure
 - c) Operating temperature
 - d) Installation space
 - e) Magnetic field strength
 - f) Characteristics & name of material; PH; Particle size; fluidity; etc
- Other special designs