



BEST TO



PANELS WOOD-BASED

- MDF/HDF
- PB
- OSB



WASTE TREATMENT

- Waste and scrap processing



ENERGY

- Biomass wood-based
- Wood pellets

TECHNICAL CHARACTERISTICS

- BULLMECH "MDB" magnetic drums are designed to guarantee maximum efficiency in the removal of ferrous pollutants from chips, sawdust, wood particles and all those products that require this type of cleaning, with very low energy consumption.
- Powerful magnetic drums (available in three variants), special side seals associated with integrated cleaning and suction systems, guarantee excellent results for the removal of ferrous pollutants in the absence of external dust. For this reason, BULLMECH magnetic drums can also be installed in dusty and potentially explosive areas, as required by the ATEX regulation.

BENEFITS

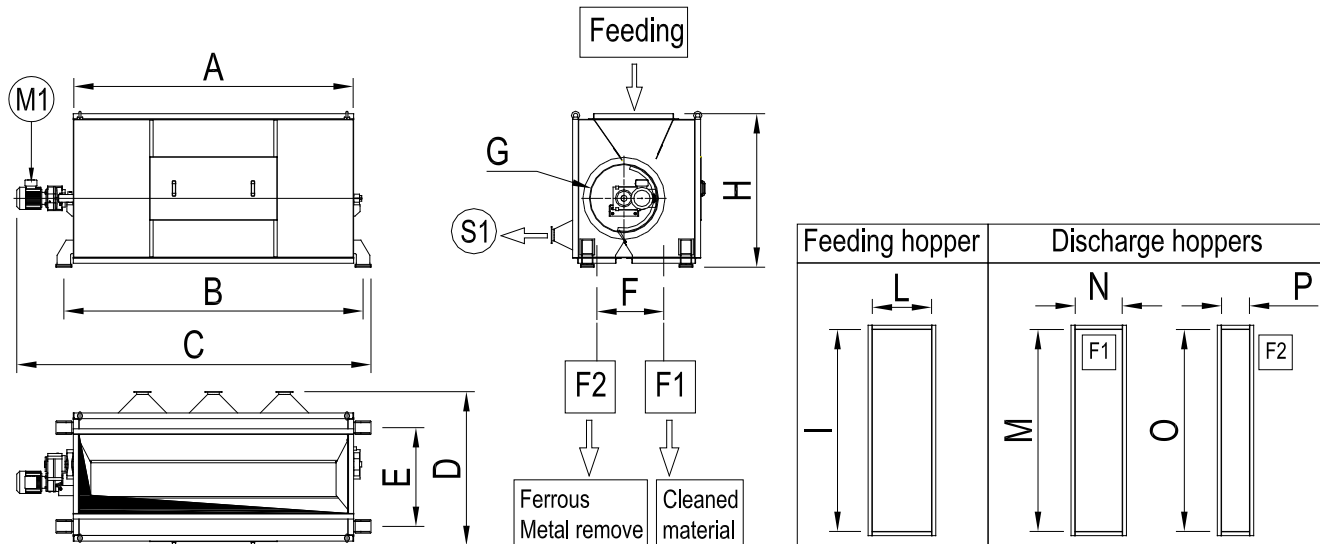
- Excellent separation of ferrous pollutants.
- Low energy costs.
- Low maintenance costs.
- Maximum cleaning and absence of external dust.

Magnetic Drums



Model "MDB"

DATA SHEET



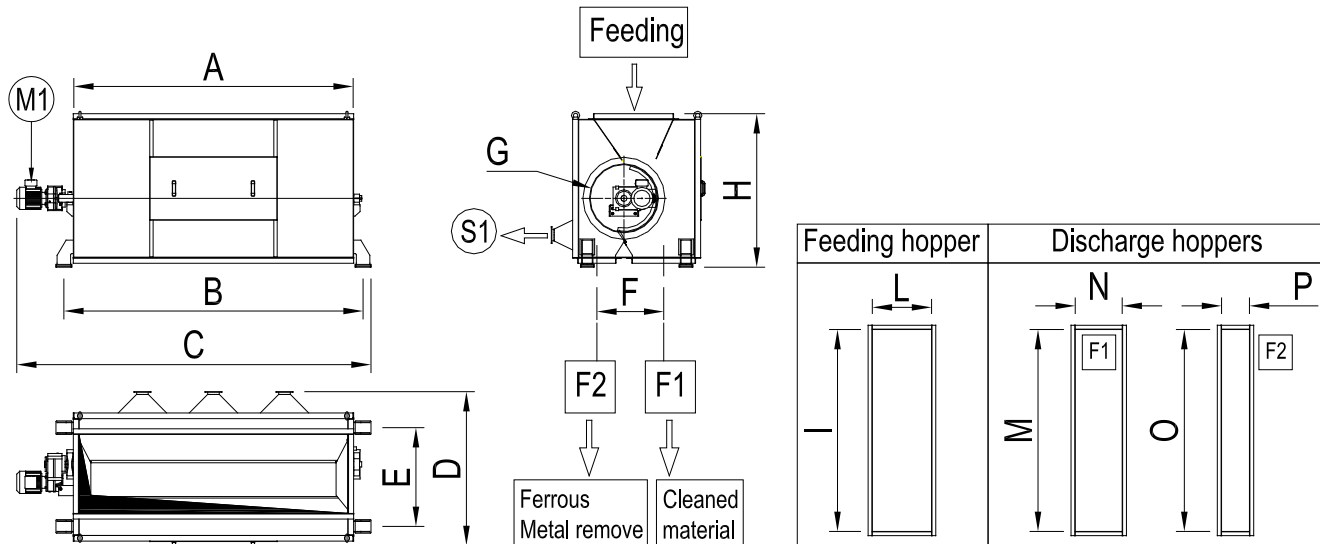
TYPE	OVERALL DIMENSIONS [mm]									
	A	B	C	D	E	F	H	I X L	M X N	O X P
MDB-300x700	985	1.145	1.650	1.030	575	445	1.080	885x400	885x405	885x180
MDB-400x700	985	1.145	1.650	1.130	675	495	1.180	885x500	885x455	885x230
MDB-400x1000	1.285	1.450	1.950	1.130	675	495	1.180	1.185x500	1.185x455	1.185x230
MDB-500x1000	1.285	1.450	1.950	1.230	775	545	1.280	1.185x600	1.185x505	1.185x280
MDB-600x1000	1.285	1.450	1.950	1.360	875	595	1.380	1.185x700	1.185x555	1.185x330
MDB-700x1000	1.285	1.450	1.950	1.460	975	645	1.480	1.185x800	1.185x605	1.185x380
MDB-400x1500	1.785	1.950	2.450	1.130	675	495	1.180	1.685x500	1.685x455	1.685x230
MDB-500x1500	1.785	1.950	2.450	1.230	775	545	1.280	1.685x600	1.685x505	1.685x280
MDB-600x1500	1.785	1.950	2.450	1.360	875	595	1.380	1.685x700	1.685x555	1.685x330
MDB-700x1500	1.785	1.950	2.450	1.460	975	645	1.480	1.685x800	1.685x605	1.685x380
MDB-400x2200	2.485	2.650	3.150	1.130	675	495	1.180	2.385x500	2.385x455	2.385x230
MDB-500x2200	2.485	2.650	3.150	1.230	775	545	1.280	2.385x600	2.385x505	2.385x280
MDB-600x2200	2.485	2.650	3.150	1.360	875	595	1.380	2.385x700	2.385x555	2.385x330
MDB-700x2200	2.485	2.650	3.250	1.460	975	645	1.480	2.385x800	2.385x605	2.385x380
MDB-800x2200	2.485	2.850	3.350	1.560	1.075	695	1.580	2.385x900	2.385x655	2.385x430
MDB-1000x2200	2.485	2.850	3.600	1.760	1.275	795	1.780	2.385x1.100	2.385x755	2.385x530
MDB-1200x2200	2.485	2.850	3.600	1.960	1.475	895	1.980	2.385x1.300	2.385x855	2.385x630

Magnetic Drums



Model "MDB"

DATA SHEET



TYPE	Drum diameter	Drum length	Capacity	Installed power	Air suction [only for Dry material]	Weight approx.
	G [mm]	[mm]	[m ³ /h]	M1 [kW]	S1 [m ³ /h]	[kg]
MDB-300x700	300	700	60	1,1	1 x 800	620
MDB-400x700	400	700	80	1,1	1 x 800	720
MDB-400x1000	400	1.000	100	1,1	2 x 800	760
MDB-500x1000	500	1.000	125	1,1	2 x 800	980
MDB-600x1000	600	1.000	140	1,5	2 x 800	1.200
MDB-700x1000	700	1.000	160	1,5	2 x 800	1.500
MDB-400x1500	400	1.500	155	1,5	2 x 1.000	850
MDB-500x1500	500	1.500	185	1,5	2 x 1.000	950
MDB-600x1500	600	1.500	200	1,5	2 x 1.000	1.050
MDB-700x1500	600	1.500	250	1,5	2 x 1.000	1.050
MDB-400x2200	400	2.200	230	1,5	3 x 800	1.300
MDB-500x2200	500	2.200	270	1,5	3 x 800	1.750
MDB-600x2200	600	2.200	330	1,5	3 x 800	2.450
MDB-700x2200	700	2.200	380	2,2	3 x 1.000	2.850
MDB-800x2200	800	2.200	430	2,2	3 x 1.000	3.250
MDB-1000x2200	1.000	2.200	480	3,0	3 x 1.000	4.000
MDB-1200x2200	1.200	2.200	550	3,0	3 x 1.000	4.500

Magnetic Drums



Model "MDB"

CODE DEFINITION

TYPE			-	Drum diameter			x	Drum length				/	Type of magnet [a]			-	Equipment compliant with 2014/34/EU ATEX [b]			
M	D	B	-	5	0	0	x	1	0	0	0	/		H	G	-	A	T	2	2

[a]: HG = High gradient (standard).
 VHG = Very high gradient.
 UHG = Ultra high gradient.

[b]: AT22 = Area classified ATEX zone 22.
 = Unclassified area (omit).

TYPE	Drum diameter	Drum length	Capacity	Installed power	Air suction [only for Dry material]	Weight approx.
	[mm]	[mm]	[m ³ /h]	[kW]	[m ³ /h]	[kg]
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MDB-600x1000	600	1.000	140	1,5	2 x 800	1.200
MDB-700x1000	700	1.000	160	1,5	2 x 800	1.500
MDB-400x1500	400	1.500	155	1,5	2 x 1.000	850
MDB-500x1500	500	1.500	185	1,5	2 x 1.000	950
MDB-600x1500	600	1.500	200	1,5	2 x 1.000	1.050
MDB-700x1500	600	1.500	250	1,5	2 x 1.000	1.050
MDB-400x2200	400	2.200	230	1,5	3 x 800	1.300
MDB-500x2200	500	2.200	270	1,5	3 x 800	1.750
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MDB-700x2200	700	2.200	380	2,2	3 x 1.000	2.850
MDB-800x2200	800	2.200	430	2,2	3 x 1.000	3.250
MDB-1000x2200	1.000	2.200	480	3,0	3 x 1.000	4.000
MDB-1200x2200	1.200	2.200	550	3,0	3 x 1.000	4.500

Example for order: **MDB-500x1000/HG-AT22**