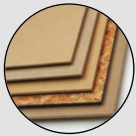


## BEST TO



### 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.

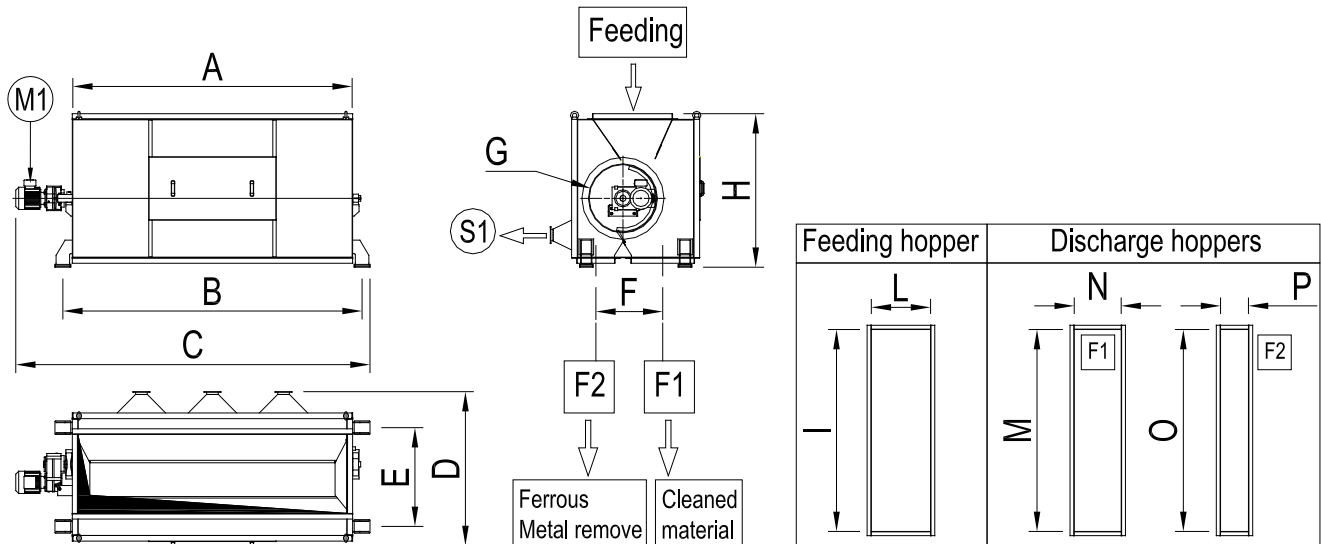
## BENEFITS

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

# Magnetic Drums

## Model "MDB"

### DATA SHEET



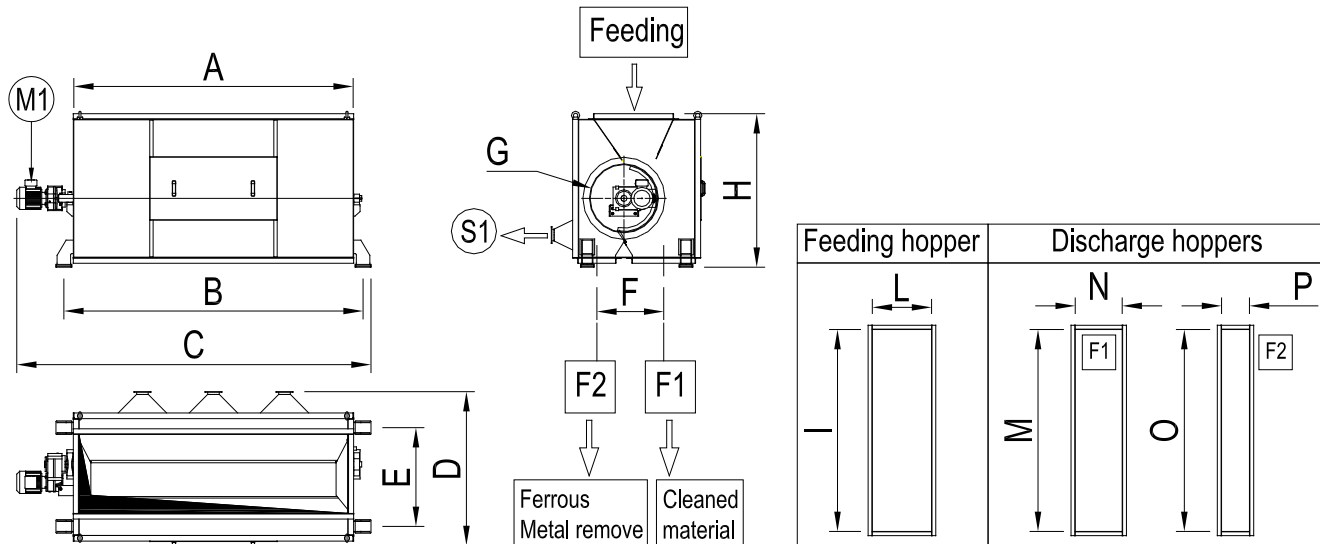
TYPE	OVERALL DIMENSIONS [mm]									
	A	B	C	D	E	F	H	I x L	M x N	O x P
<b>MDB-300x700</b>	985	1.145	1.650	1.030	575	445	1.080	885x400	885x405	885x180
<b>MDB-400x700</b>	985	1.145	1.650	1.130	675	495	1.180	885x500	885x455	885x230
<b>MDB-400x1000</b>	1.285	1.450	1.950	1.130	675	495	1.180	1.185x500	1.185x455	1.185x230
<b>MDB-500x1000</b>	1.285	1.450	1.950	1.230	775	545	1.280	1.185x600	1.185x505	1.185x280
<b>MDB-600x1000</b>	1.285	1.450	1.950	1.360	875	595	1.380	1.185x700	1.185x555	1.185x330
<b>MDB-700x1000</b>	1.285	1.450	1.950	1.460	975	645	1.480	1.185x800	1.185x605	1.185x380
<b>MDB-400x1500</b>	1.785	1.950	2.450	1.130	675	495	1.180	1.685x500	1.685x455	1.685x230
<b>MDB-500x1500</b>	1.785	1.950	2.450	1.230	775	545	1.280	1.685x600	1.685x505	1.685x280
<b>MDB-600x1500</b>	1.785	1.950	2.450	1.360	875	595	1.380	1.685x700	1.685x555	1.685x330
<b>MDB-700x1500</b>	1.785	1.950	2.450	1.460	975	645	1.480	1.685x800	1.685x605	1.685x380
<b>MDB-400x2200</b>	2.485	2.650	3.150	1.130	675	495	1.180	2.385x500	2.385x455	2.385x230
<b>MDB-500x2200</b>	2.485	2.650	3.150	1.230	775	545	1.280	2.385x600	2.385x505	2.385x280
<b>MDB-600x2200</b>	2.485	2.650	3.150	1.360	875	595	1.380	2.385x700	2.385x555	2.385x330
<b>MDB-700x2200</b>	2.485	2.650	3.250	1.460	975	645	1.480	2.385x800	2.385x605	2.385x380
<b>MDB-800x2200</b>	2.485	2.850	3.350	1.560	1.075	695	1.580	2.385x900	2.385x655	2.385x430
<b>MDB-1000x2200</b>	2.485	2.850	3.600	1.760	1.275	795	1.780	2.385x1.100	2.385x755	2.385x530
<b>MDB-1200x2200</b>	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 <sup>3</sup> /h]	M1 [kW]	S1 [ m <sup>3</sup> /h ]	[kg]
<b>MDB-300x700</b>	300	700	60	1,1	1 x 800	620
<b>MDB-400x700</b>	400	700	80	1,1	1 x 800	720
<b>MDB-400x1000</b>	400	1.000	100	1,1	2 x 800	760
<b>MDB-500x1000</b>	500	1.000	125	1,1	2 x 800	980
<b>MDB-600x1000</b>	600	1.000	140	1,5	2 x 800	1.200
<b>MDB-700x1000</b>	700	1.000	160	1,5	2 x 800	1.500
<b>MDB-400x1500</b>	400	1.500	155	1,5	2 x 1.000	850
<b>MDB-500x1500</b>	500	1.500	185	1,5	2 x 1.000	950
<b>MDB-600x1500</b>	600	1.500	200	1,5	2 x 1.000	1.050
<b>MDB-700x1500</b>	600	1.500	250	1,5	2 x 1.000	1.050
<b>MDB-400x2200</b>	400	2.200	230	1,5	3 x 800	1.300
<b>MDB-500x2200</b>	500	2.200	270	1,5	3 x 800	1.750
<b>MDB-600x2200</b>	600	2.200	330	1,5	3 x 800	2.450
<b>MDB-700x2200</b>	700	2.200	380	2,2	3 x 1.000	2.850
<b>MDB-800x2200</b>	800	2.200	430	2,2	3 x 1.000	3.250
<b>MDB-1000x2200</b>	1.000	2.200	480	3,0	3 x 1.000	4.000
<b>MDB-1200x2200</b>	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 <sup>3</sup> /h]	[kW]	[ m <sup>3</sup> /h ]	[kg]
<b>MDB-300x700</b>	300	700	60	1,1	1 x 800	620
<b>MDB-400x700</b>	400	700	80	1,1	1 x 800	720
<b>MDB-400x1000</b>	400	1.000	100	1,1	2 x 800	760
<b>MDB-500x1000</b>	500	1.000	125	1,1	2 x 800	980
<b>MDB-600x1000</b>	600	1.000	140	1,5	2 x 800	1.200
<b>MDB-700x1000</b>	700	1.000	160	1,5	2 x 800	1.500
<b>MDB-400x1500</b>	400	1.500	155	1,5	2 x 1.000	850
<b>MDB-500x1500</b>	500	1.500	185	1,5	2 x 1.000	950
<b>MDB-600x1500</b>	600	1.500	200	1,5	2 x 1.000	1.050
<b>MDB-700x1500</b>	600	1.500	250	1,5	2 x 1.000	1.050
<b>MDB-400x2200</b>	400	2.200	230	1,5	3 x 800	1.300
<b>MDB-500x2200</b>	500	2.200	270	1,5	3 x 800	1.750
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<b>MDB-1000x2200</b>	1.000	2.200	480	3,0	3 x 1.000	4.000
<b>MDB-1200x2200</b>	1.200	2.200	550	3,0	3 x 1.000	4.500

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