

VIBRATING FEEDER WITH MAGNETIC DRUM MODEL “OCH+MDB”

BULLMECH “OCH+MDB” vibrating feeders with magnetic drum are designed to guarantee maximum distribution efficiency with minimum energy consumption.

Unlike the normal vibrating feeders on the market that use metal springs for the suspension of the channel, BULLMECH uses ROSTA® elastic elements that guarantee high distribution efficiency without transmitting dangerous vibrations to the support structures.

The presence of powerful magnetic drums at the exhaust (available in three variants) ensures maximum efficiency in the removal of ferrous pollutants from chips, sawdust, wood particles and all those products that require this type of cleaning.

Special side seals associated with integrated cleaning and suction systems, guarantee the absence of external dust and allow the installation of the machines even in dusty and potentially explosive areas, as required by the ATEX regulation.

Benefits:

- Excellent separation of ferrous materials and distribution of materials
- Low energy costs
- Very low maintenance costs
- Maximum cleaning of the system
- Leaner and less expensive support structures



CODE DEFINITION

| | | | | | | | | | | | | | | | |
|----------------------------|------------------------------|---|-----------------------------|---|---------------------------|---|--------------------------|---|------------------|---|----------------|---|--------------------------|---|----------------------------------------------------------|
| TYPE Vibrating plane | Vibrating plane length | / | Vibrating plane width | - | Extra load capacity | + | TYPE Drum diameter | - | Drum diameter | x | Drum length | / | Type of magnet [a] | - | Equipment compliant with 2014/34/EU ATEX [b] |
| O C H | 1 6 0 | / | 3 0 | - | X L | + | M D B | - | 7 0 0 | x | 1 7 0 0 | / | H G | - | A T 2 2 |

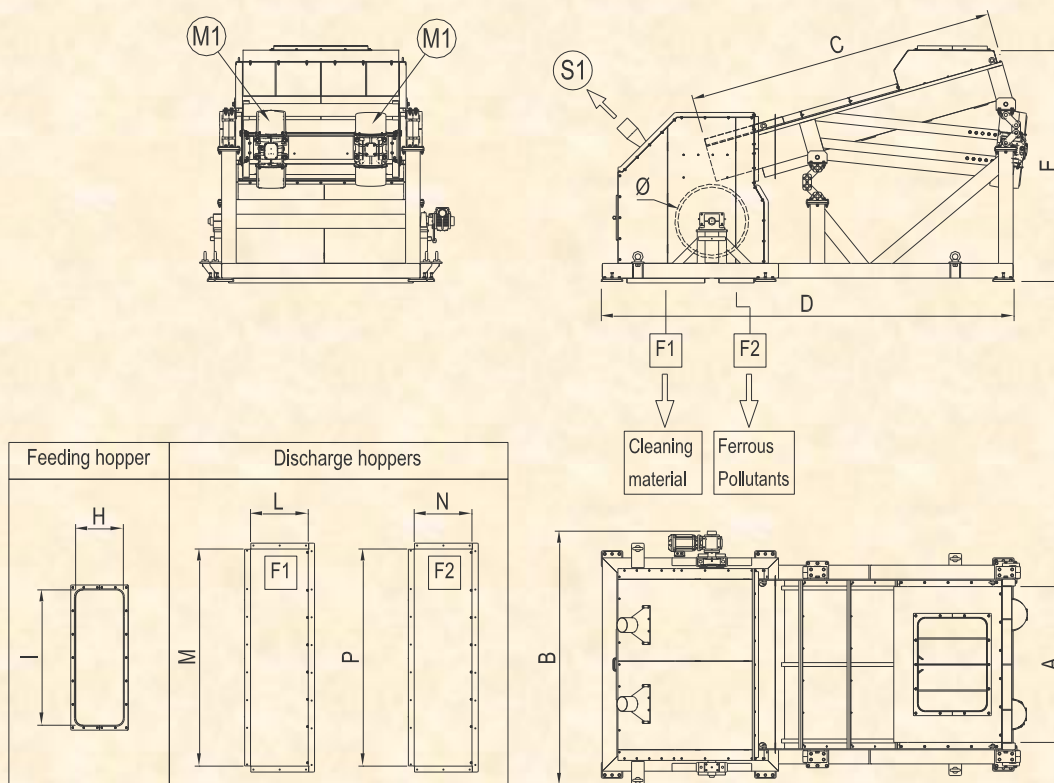
- [a]: HG = Magnetic attraction standard
 VHG = Magnetic attraction high
 UHG = Magnetic attraction ultrahigh
 [b]: AT22 = Area classified ATEX zone 22
 = Unclassified area (Omit)

| TYPE | Vibrating plane length | Vibrating plane width | Capacity | Installed power | Working moment at 50Hz | Working moment at 60Hz | Air suction [only for Dry material] | Weight approx. |
|------------------------------|---------------------------|--------------------------|---------------------|--------------------|------------------------------|------------------------------|----------------------------------------|-------------------|
| | [mt] | [mt] | [m ³ /h] | [kW] | [kgcm] | [kgcm] | [m ³ /h] | [kg] |
| OCH 060/18 + MDB-320x700 | 1,8 | 0,6 | 40,0 | 2,2 | 184 | 128 | 1x800 | 1.300 |
| OCH 060/18-XL + MDB-400x700 | | | 60,0 | 3,6 | 375 | 275 | 1x800 | 1.500 |
| OCH 090/20 + MDB-400x1000 | 2,0 | 0,9 | 65,0 | 3,6 | 375 | 275 | 2x800 | 1.800 |
| OCH 090/20-XL + MDB-500x1000 | | | 95,0 | 4,1 | 802 | 550 | 2x800 | 2.100 |
| OCH 090/25 + MDB-400x1000 | 2,5 | 0,9 | 80,0 | 3,0 | 375 | 275 | 2x800 | 2.300 |
| OCH 090/25-XL + MDB-700x1000 | | | 105,0 | 3,3 | 600 | 406 | 2x800 | 2.500 |
| OCH 140/25 + MDB-600x1500 | 2,5 | 1,4 | 110,0 | 4,5 | 802 | 550 | 2x1.000 | 2.700 |
| OCH 140/25-XL + MDB-600x1500 | | | 150,0 | 5,9 | 1.080 | 760 | 2x1.000 | 3.200 |
| OCH 150/30 + MDB-700x1600 | 3,0 | 1,5 | 125,0 | 4,5 | 802 | 550 | 2x1.000 | 3.600 |
| OCH 150/30-XL + MDB-700x1600 | | | 175,0 | 5,9 | 1.405 | 930 | 2x1.000 | 4.000 |
| OCH 160/30 + MDB-700x1700 | 3,0 | 1,6 | 140,0 | 5,9 | 1.405 | 930 | 2x1.200 | 4.000 |
| OCH 160/30-XL + MDB-700x1700 | | | 190,0 | 7,9 | 1.676 | 1.168 | 2x1.200 | 4.500 |
| OCH 180/30 + MDB-700x2000 | 3,0 | 1,8 | 160,0 | 5,9 | 1.405 | 930 | 3x1.000 | 5.000 |
| OCH 180/30-XL + MDB-700x2000 | | | 270,0 | 8,6 | 1.676 | 1.168 | 3x1.000 | 5.500 |
| OCH 200/30 + MDB-800x2200 | 3,0 | 2,0 | 180,0 | 7,9 | 1.676 | 1.168 | 3x1.200 | 5.500 |
| OCH 200/30-XL + MDB-800x2200 | | | 300,0 | 10,8 | 2.330 | 1.648 | 3x1.200 | 6.300 |

Example for order: **OCH160/30-XL+MDB-700x1700/HG-AT22**

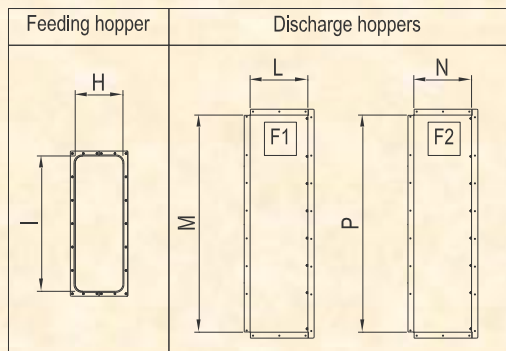
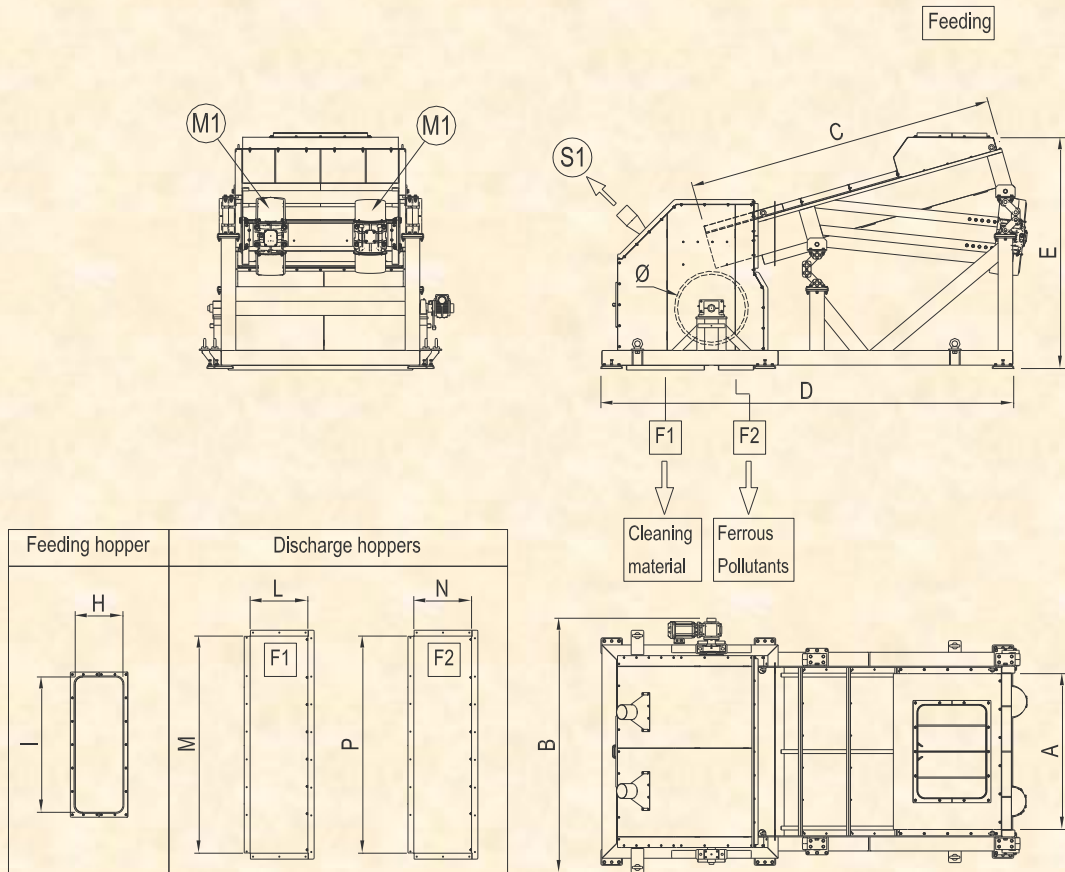
VIBRATING FEEDER WITH MAGNETIC DRUM MODEL "OCH+MDB" - DATA SHEET -

Feeding



| TYPE | OVERALL DIMENSIONS [mm] | | | | | | | | | Capacity [m ³ /h] | Installed power M1 [kW] | Working moment at 50Hz [kgcm] | Working moment at 60Hz [kgcm] | Air suction [only for Dry material] S1 | Weight approx. [kg] |
|---------------------------------|----------------------------|-------|-------|-------|-------|----------|-----------|-----------|-----|---------------------------------|-------------------------------|-------------------------------------|-------------------------------------|----------------------------------------------|------------------------|
| | A | B | C | D | E | H x I | L x M | N x P | Ø | | | | | | |
| OCH 060/18 + MDB-320x700 | 600 | 1.430 | 1.800 | 2.720 | 1.650 | 400x400 | 500x890 | 300x890 | 320 | 40,0 | 2,2 | 184 | 128 | 1x800 | 500 |
| OCH 060/18-XL + MDB-400x700 | | 1.430 | 1.800 | 2.820 | 1.920 | 400x400 | 595x890 | 300x890 | 400 | 60,0 | 3,6 | 375 | 275 | 1x800 | 600 |
| OCH 090/20 + MDB-400x1000 | 900 | 1.730 | 2.000 | 2.920 | 1.750 | 500x600 | 595x1.190 | 300x1.190 | 400 | 65,0 | 3,6 | 375 | 275 | 2x800 | 800 |
| OCH 090/20-XL + MDB-500x1000 | | 1.730 | 2.000 | 3.020 | 2.020 | 500x600 | 655x1.190 | 300x1.190 | 500 | 95,0 | 4,1 | 802 | 550 | 2x800 | 900 |
| OCH 090/25 + MDB-400x1000 | 900 | 1.730 | 2.500 | 3.520 | 1.950 | 500x600 | 595x1.190 | 300x1.190 | 400 | 80,0 | 3,0 | 375 | 275 | 2x800 | 900 |
| OCH 090/25-XL + MDB-700x1000 | | 1.730 | 2.500 | 3.720 | 2.220 | 500x600 | 795x1.190 | 355x1.190 | 700 | 105,0 | 3,3 | 600 | 406 | 2x800 | 1.000 |
| OCH 140/25 + MDB-600x1500 | 1.400 | 2.330 | 2.500 | 3.620 | 1.950 | 500x900 | 755x1.690 | 300x1.690 | 600 | 110,0 | 4,5 | 802 | 550 | 2x1.000 | 1.400 |
| OCH 140/25-XL + MDB-600x1500 | | 2.330 | 2.500 | 3.620 | 2.220 | 500 x900 | 755x1.690 | 300x1.690 | 600 | 150,0 | 5,9 | 1.080 | 760 | 2x1.000 | 1.600 |

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| TYPE | OVERALL DIMENSIONS [mm] | | | | | | | | | Capacity [m ³ /h] | Installed power M1 [kW] | Working moment at 50Hz [kgcm] | Working moment at 60Hz [kgcm] | Air suction S1 [only for Dry material] | Weight approx. [kg] |
|------------------------------|-------------------------|-------|-------|-------|-------|-----------|-----------|-----------|-----|------------------------------|-------------------------|-------------------------------|-------------------------------|----------------------------------------|---------------------|
| | A | B | C | D | E | H x I | L x M | N x P | Ø | | | | | | |
| OCH 150/30 + MDB-700x1600 | 1.500 | 2.430 | 3.000 | 4.220 | 2.150 | 500x1.000 | 795x1.790 | 355x1.790 | 700 | 125,0 | 4,5 | 802 | 550 | 2x1.000 | 1.700 |
| OCH 150/30-XL + MDB-700x1600 | | 2.430 | 3.000 | 4.220 | 2.420 | 500x1.000 | 795x1.790 | 355x1.790 | 700 | 175,0 | 5,9 | 1.080 | 760 | 2x1.000 | 1.800 |
| OCH 160/30 + MDB-700x1700 | 1.600 | 2.530 | 3.000 | 4.220 | 2.150 | 500x1.000 | 795x1.890 | 355x1.890 | 700 | 140,0 | 5,9 | 802 | 550 | 2x1.200 | 2.000 |
| OCH 160/30-XL + MDB-700x1700 | | 2.530 | 3.000 | 4.220 | 2.420 | 500x1.000 | 795x1.890 | 355x1.890 | 700 | 190,0 | 7,9 | 1.405 | 930 | 2x1.200 | 2.200 |
| OCH 180/30 + MDB-700x2000 | 1.800 | 2.730 | 3.000 | 4.220 | 2.150 | 500x1.200 | 795x2.190 | 355x2.190 | 700 | 160,0 | 5,9 | 1.405 | 930 | 3x1.000 | 2.200 |
| OCH 180/30-XL + MDB-700x2000 | | 2.730 | 3.000 | 4.220 | 2.420 | 500x1.200 | 795x2.190 | 355x2.190 | 700 | 270,0 | 8,6 | 1.676 | 1.168 | 3x1.000 | 2.400 |
| OCH 200/30 + MDB-800x2200 | 2.000 | 2.900 | 3.000 | 4.320 | 2.250 | 500x1.400 | 895x2.390 | 455x2.390 | 800 | 180,0 | 7,9 | 1.405 | 930 | 3x1.200 | 2.500 |
| OCH 200/30-XL + MDB-800x2200 | | 2.900 | 3.000 | 4.320 | 2.520 | 500x1.400 | 895x2.390 | 455x2.390 | 800 | 300,0 | 10,8 | 1.676 | 1.168 | 3x1.200 | 2.700 |