



MPM Impact Mill

Application

- Surface layer production in particleboard industry
- Preparation of filling and insulation material
- Preparation of fuel for thermal utilization
- WPC/WFC industry
- Animal food and bedding

Description

The MPM Impact Mill enables the continuous processing of soft to medium-hard materials into cubic fine flakes or wooden powder. After passing the VC Vibration Conveyor (see page 42), the permanent magnet drum and the HPS Heavy Particle Separator, the material is fed from the back side into the grinding chamber where it is milled between the rotor beater ledges and the grinding track. The material is finally reduced and calibrated by the integrated special fine hole screen (differentiation from MPF, page 38).

Customer benefits

- Wide range of input materials, including pre-sized wood, annual plants, grain, seeds and spices
- Adjustable degree of fineness
- Fast screen exchange without removing the complete grinding ring
- Low maintenance and service-friendly
- On-floor or pit installation; pneumatic product discharge laterally or downwards possible

Technical features

- Grinding track segments and their configuration adaptable to the input material
- Wear-resistant, clamped and easily exchangeable grinding track segments
- Special fine hole screens with different mesh sizes applicable
- Divided beater ledges for selective exchange of the worn parts
- Maintenance opening in casing for easy exchange of the rotor beater ledges
- VC Vibration Conveyor included



MPM Impact Mill

Type	Rotor mm Ø	Number of beater ledges pcs.	Width of sieve ring mm	Width of grinding track mm	Main drive kW	Capacity ¹ t/h b.d.	Dimensions basic machine ² m (L x W x H)	Dimensions complete system m (A x B x C)	Weight ² approx. t
MPM9 / 175	900	18	230	175	90 – 132	2.0 – 2.5	1.5 x 1.1 x 1.3	2.7 x 2.1 x 2.6	1.8
MPM12 / 175	1,200	24	230	175	110 – 160	2.5 – 3.0	1.8 x 1.4 x 1.7	2.7 x 2.5 x 3.6	2.3
MPM14 / 175	1,400	30	390	175	160 – 200	3.0 – 4.0	2.3 x 1.7 x 2.2	2.7 x 2.9 x 3.8	3.8
MPM14 / 350	1,400	30	340	350	315 – 400	4.0 – 5.5	2.3 x 1.8 x 2.2	2.7 x 3.3 x 3.8	5.3
MPM16 / 350	1,600	36	360	350	355 – 450	5.5 – 6.5	2.5 x 1.9 x 2.3	3.0 x 3.3 x 3.9	6.5
MPM18 / 350	1,800	40	350	350	400 – 500	6.5 – 7.5	2.7 x 2.0 x 2.5	3.2 x 3.3 x 4.0	8.0

1) Maximum values achieved when processing flat flakes of coniferous wood using a 3 mm special fine hole screen insert

2) Dimensions and weight of basic machine with V-belt pulley on machine side without add-on units

Note: The MPM is exhausted with approx. 4 m³ air per kg material

