



MPF Prallfiner

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 MPF Prallfiner enables the continuous processing of soft to medium-hard materials into slim 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 final product is pneumatically discharged through the door (differentiation from MPM, page 40).

Customer benefits

- Wide range of input materials, including pre-sized wood, annual plants, pellets, grain and inorganic materials
- Production of mainly slim finest flakes, wood powder or dust
- Dry or humid input material
- Degree of fineness adjustable by baffle plate, rotor speed and air extraction volume (bypass-valve)
- Low maintenance and service-friendly
- On-floor installation; pneumatic product discharge through the door

Technical features

- Grinding track segments and their configuration adaptable to the input material
- Wear-resistant, clamped and easily exchangeable grinding track segments
- Complete grinding ring easily removable
- Divided beater ledges for selective exchange of worn parts
- Maintenance opening in casing for easy exchange of the rotor beater ledges
- Insensitive to impurities, no screens
- VC Vibration Conveyor included

MPF Prallfiner

Type	Rotor mm Ø	Number of beater ledges pcs.	Number of grinding tracks pcs.	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
MPF 9 /430	900	18	9	430	90 – 132	1.0 – 2.0	1.5 x 1.2 x 1.3	2.7 x 2.2 x 2.6	2.0
MPF 12 /430	1,200	24	15	430	110 – 160	2.0 – 3.0	1.8 x 1.5 x 1.7	2.7 x 2.6 x 3.6	2.5
MPF 14 /550	1,400	30	20	550	250 – 315	3.0 – 5.0	2.3 x 1.9 x 2.2	3.0 x 3.0 x 3.8	5.5
MPF 16 /550	1,600	36	22	550	250 – 400	5.0 – 6.5	2.4 x 2.0 x 2.3	3.3 x 3.2 x 4.0	7.0
MPF 18 /700	1,800	40	30	700	315 – 500	6.5 – 8.0	2.7 x 2.1 x 2.5	3.3 x 3.5 x 4.0	8.0

1) Maximum values achieved when processing flat flakes of coniferous wood

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

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

