

PALLMANN

Hammer mills



Infeed material: flat flakes



Final product: split flakes

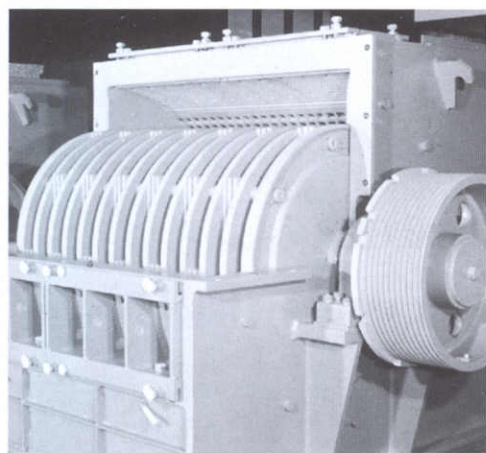
Type PHM

Preparation of flat flakes and odd flakes, chips and annual plants.

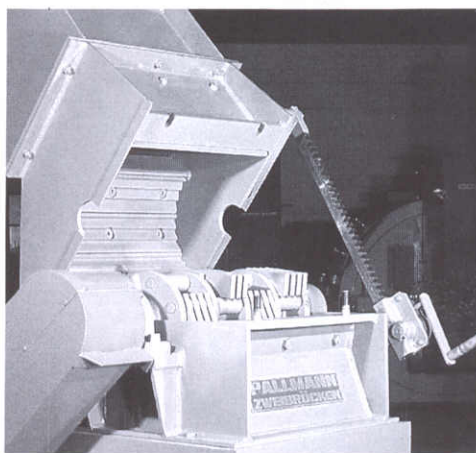


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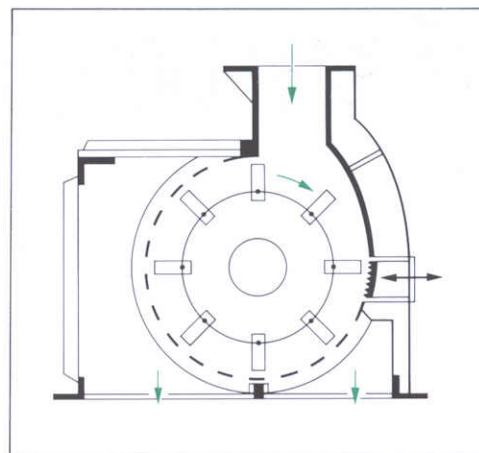
Hammer mills for the economical preparation.



Hammer Mills type PHM 12-12



PHM 4-5 view into the grinding chamber



Spiral shaped feeding zone

Fields of applications:

splitting of flat flakes or planer shavings, grinding of chips for core and surface furnish, size-reduction of annual plants.

Principle of operation:

the material is fed to the machine from the top as regularly as possible through a special infeed chute which can be equipped with magnets for the separation of ferric parts if required. Flat steel hammers rotating at high speed reduce the material on the grinding path and expell it through the perforations of the screen which determines the final particle size.

The material is discharged to below and evacuated either mechanically together with an auxilliary aspiration or pneumatically.

Construction:

The sturdy worldwide proven PALLMANN Hammer Mills are highly wear resistant; little sensitive to foreign materials and very reliable in operation. All wear parts can be exchanged rapidly without difficulties.

Technology:

The desired fineness is mainly determined by the mesh size of the screen, the profile of the grinding path, the grinding gap,

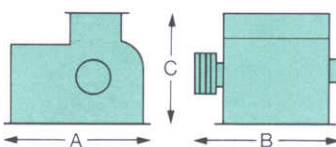
the form of the hammers and the speed of the rotor. For standard preparation problems, the optimum configuration of the various parameters has been determined. If special preparation problems have to be solved, several hammer mills are at disposal in our research and technology center in order to run tests to determine the specific technical figures of the material.

Decisive advantages:

- low specific preparation cost
- low investment cost
- high throughput capacity
- constant material quality
- low power consumption
- easy adjustment to the infeed material
- simple maintenance

Technical data

Type PHM	Rotor- Ø mm	Rotor length mm	Motor kW	Gross weight kg	Dimensions		
					A	B	C
PHM 3	230	250	3	300	430	660	425
PHM 4-5	400	500	18	550	830	925	555
PHM 4-7½	400	750	22	750	830	1175	555
PHM 6-3	600	300	30	1000	1040	708	825
PHM 6-6	600	600	45	1580	1040	1046	825
PHM 8-6	800	600	75	2300	1500	1485	1115
PHM 8-10	800	1000	90	2800	1500	1885	1115
PHM 8-12	800	1200	110	3200	1500	2100	1115
PHM 10-12	1000	1200	132	3500	1700	2100	1400
PHM 12-12	1200	1200	160	4000	2000	2200	1500
PHM 12-18	1200	1800	200	4500	2000	2800	1500



Our specialized engineers will assist you in all problems of size reduction technics. You are welcome to visit us.

The Size Reduction Specialists

PALLMANN

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