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Барнаул (3852)73-04-60
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Брянск (4832)59-03-52
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Ударно-молотковая мельница P H P S



Impact Hammer Mill PHPS

Economical preparation of waste- and recycling wood

Infeed Material

Pre-shredded Wood Waste Material



Final Product

Chips for Material or Thermal Recovery



Ballistic separator of the PHPS will shoot heavy contaminants out of the machine.



Area of Application

The Impact Hammer Mill, series PHPS converts pre-shredded residual wood and waste wood of any kind into a valuable product for material and thermal recovery. Even contaminated materials can be processed. Heavy foreign objects in the feed material are separated and discharged through the optional ballistic separator.

Method of Operation

Material is fed from above. Heavy rotating hammers hit in an upward action against the material and throw it into the ballistic chute above the rotor. The wood pieces are split along the grain and contaminants enclosed in the wood are set free. Further size reduction is effected by a stationary breaker. The final product size is determined by the perforation of the screen. Material is discharged straight down.

Design

The split design of the machine housing allows hydraulic opening. The sturdy rotor is stressrelieved. The heavy swing hammers have two working edges. The ballistic discharge chute is equipped with a flap for precise adjustment of the degree of separation. The milling chamber can be hydraulically opened for easy access to the rotor for quick changing of the screen and the hammers.

Decisive Advantages

- Ballistic separation → foreign objects are removed and separated from the waste wood
- Hammers with two working edges
- Split housing design with easy hydraulic opening
- High throughput rate at low specific energy consumption
- Simple and safe operation



PHPS		12-15 **	16-15 **	16-18
Rotor diameter	mm	1200	1600	1600
Rotor length	mm	1500	1500	1800
Capacity *	t b. d. / h	3,5 - 5,0	6,0 - 9,0	15,0 - 18,0

* Depending on the wood species, conditions and machine settings ** Also available for paper milling

System solutions for:

- Flake production
- Fiber production
- Recycling of waste wood
- Annual plants preparation
- Thermal usage

Engineering and Service:

- Design and Manufacturing
- Research and development
- Control Systems
- Process monitoring
- Spare and wear parts for size reduction machines in PALLMANN quality
- Installation, commissioning, start-up
- Maintenance and repair service
- Operator training
- Technological training
- Retrofit and modernisation
- Warehouse stocking programs and logistic concepts



PALLMANN is the leading manufacturer of size reduction machinery for the wood products industry. PALLMANN designs, manufactures and supplies tailor-made, individual or complete solutions for the processing of raw material for MDF, OSB and particleboard plants. At its headquarters in Zweibrücken, PALLMANN company operates the world's largest research and development center for size reduction technology as well as a training and service center. Numerous machines are available for the preparation of various raw materials including subsequent laboratory analysis on individual scale. Our global presence is ensured by our sales network for machinery as well as spare parts and after-sales service.

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