

PALLMANN

Bark Shredder



Feed material: Bark

Type PMR

with vertically arranged
beater rotor for the
simple and economic
preparation of bark.



Final product A:
for the combustion



Final product B: for garden
and landscape gardening



Final product C:
for the composting

PALLMANN

Bark Shredder Type PMR



Bark Shredder with feeding and evacuation devices



Belt conveyor to the Bark Shredder

Application:

The shredded bark is used for the combustion, for the production of energy, for the garden and landscape gardening and other applications.

Principle of operation:

A conveyor belt feeds the material into the infeed chute from the top. A vertically arranged rotor equipped with pendular hammers accelerates the material and throws it against the inner wall of the lower part of the housing equipped with size reduction elements and interchangeable wear sheets. The bark falls spirally through the size reduction zone and is reduced by the impact of the numerous sturdy beaters. The degree of size reduction depends on form and disposition of the hammers and on the speed of the rotor. Due to the swinging hammer design the risk of machine damage in case of metal contamination is considerably reduced.

The material is discharged vertically to below by the effect of the gravity allowing a soft transfer on low cost mechanical evacuation systems.

Construction:

The housing is a sturdy welded construction and resists hardest stresses in continuous operation. A large infeed chute allows a troublefree feeding. The lower part of the housing can be swivelled facilitating control, maintenance and exchange of the size reduction elements. All size reduction elements are armoured with highly wear resistant materials. The working edges can be used in both directions. This guarantees an optimum use of all size reduction elements. The electro-dynamically balanced rotor runs in an amply dimensioned bearing.

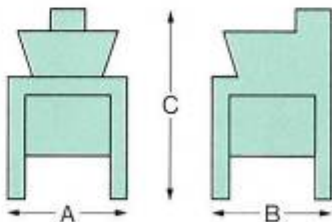
Special features:

- High reliability
- No obstructions even in case of long or wet bark
- Insensible to foreign matter
- Easy and quick adaption to the different feeding materials
- Low maintenance requirements
- High throughput capacity
- Low specific power requirement.

For standard preparation problems the optimum configuration of the various parameters has been determined. If special preparation problems have to be solved, several Bark Shredders are at disposal in our research and technology center in order to run tests to determine the specific technical figures of the material. Our specialized engineers will assist you in all problems of size reduction technics. You are welcome to visit us.

Technical data:

Type		PMR 8-200	PMR 8-400	PMR 12-600	PMR 16-800
Rotor ϕ	mm	800	800	1.200	1.600
Motor	kW	30-45	55-75	75-90	110-250
Weight approx.	kg	1.600	2.000	3.000	11.000
Dimensions in mm	A	1.700	1.700	2.100	2.500
	B	1.700	1.700	2.100	3.400
	C	3.200	3.200	3.700	4.700



100% Utilization of wood

PALLMANN

The Size Reduction Specialists

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Technical changes for the progressing reserve.

Data and illustrations not binding.

