

PALLMANN

Top Performance in Size Reduction

Drumdebarker PDD

-Economic debarking of logs-



Logs have to be debarked in an economical and reliably manner to fulfil the requirements of modern product lines. Excellent debarking performance is specially imposed by the MDF- OSB and wood pellet industry.

The Pallmann drumdebarker is preferable used for medium and large log diameters in combination with high throughput capacities. The drumdebarker in combination with the rotor debarker for smaller capacities gives the customer the choice to select the most suitable solution.

- **Economical debarking at high capacity**
- **Reliably operation and bark removal**
- **Modular design and simple maintenance**

Main components

Debarking drum

The rugged construction is of modular design and can be assembled at the plant site.

Drive Units

The drum is supported and rotated via sets of rubber tyres. The transmission of power is effected by electric motors via v-belts and cardan shaft to the axles. The standardised axles, typically used for heavy duty construction equipment, are completely preassembled for the simple installation at the site.

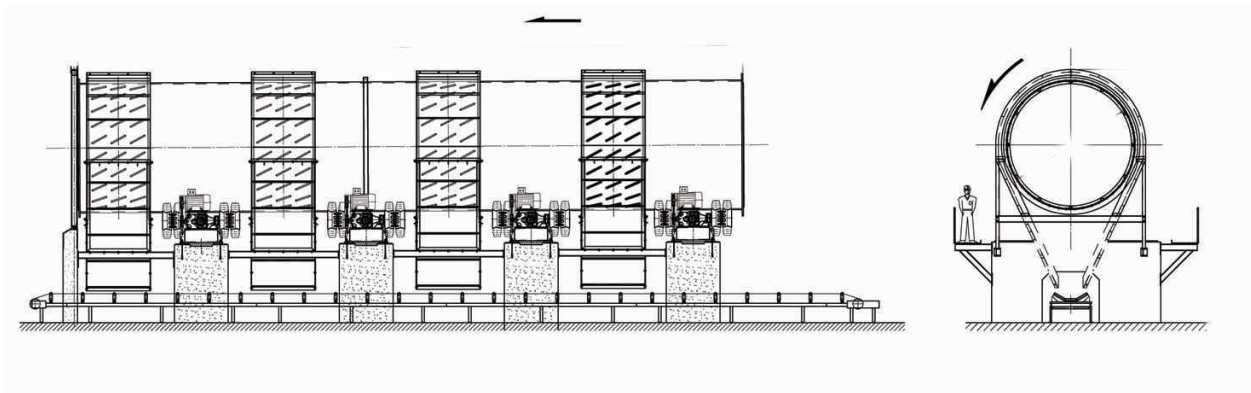
Discharge Gate

The retention time of logs inside the drum is controlled by a hydraulically actuated discharge gate or optionally by control of the rotation speed.

The debarking drum is equipped with bark outlet slots and lifters inside. The lifters support the log transport inside the drum. Removed bark is reliably discharged through the slots, into the bark collection chutes. Dust removal can be included on demand.

Material infeed and discharge

According to the local conditions the infeed to the drum can be effected either by gravity feed through a chute or horizontally by conveyor. Behind the discharge gate the logs are typically transported by a chain conveyor to the subsequent cleaning roller conveyor.



Technical Data:

Type	PDD
Drum diameter	m 3.0 - 5.0
Drum length	m 12 - 32
Log length	m 1 - 8
Capacity	m ³ (fm) / h atro 40 - 350



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