



## MRE Rotor Debarker

### Application

- OSB board industry
- Panel board industry (PB, MDF)
- Pellet and briquette industry
- Pulp and paper industry

### Description

The MRE Rotor Debarker offers the efficient continuous debarking of round wood. The logs are laterally fed into the trough, set into rotating motion by long rotors with debarking tools and moved to the discharge area by the tilt of the rotors.

### Customer benefits

- Highly efficient debarking due to interaction between rotation, friction and surface moistening of logs
- Constant high capacity: up to 65 t/h b.d.
- Precise control of debarking process and processing quantities
- Fully automatic operation
- High machine availability

### Technical features

- Hydraulically adjustable, stepless closing gate for the control of processing material quantities and regulation of the debarking quality
- Two or four one-piece rotors, according to machine size
- Speed of each rotor variable and individually adjustable
- The debarking tools (cams) are screwed and individually exchangeable
- Water spray system for the reduction and suppression of dust, as well as cleaning and moistening the logs for better sliding
- Central hydraulic unit for all drives and functions of the debarker



## MRE Rotor Debarker

Type	Number of sections pcs.	Number of rotors per section pcs.	Rotor length m	Rotor diameter with cams <sup>1</sup> mm	Number of debarking cams per roter pcs.	Drive hydraulic unit kW	Drive auxiliary functions kW	Drive discharge roller kW	Drive heating kW	Drives cooler + cooler pump kW	Capacity <sup>2</sup> approx. t/h b.d.	Dimensions <sup>3</sup> L / W / H m
MRE 800-1	1	2	12	950	180	2 x 45	22	7,5	4 x 1,4	3 + 4	25 - 35	16,4 / 3,3 / 5,3
MRE 800-1	2	2	9	950	135	4 x 45	22	7,5	4 x 1,4	3 + 4	40 - 50	23,4 / 3,3 / 5,3
MRE 800-3	2	2	12	950	180	4 x 45	22	7,5	4 x 1,4	3 + 4	60 - 70	29,4 / 3,3 / 5,3

1) Rotor body diameter for all machine types – 820 mm

2) Depending on infeed material and required debarking result

3) Dimensions of basic machine; height without sub-frame.

