



Microwave Preheater

Application

PB, MDF, OSB and LVL board production

Description

Increase of capacity achieved by a higher mat temperature which will be achieved by microwave radiation and direct heat transfer into the core of the mat in front of the press.

Customer benefits

- Increase of production capacity typically by up to 30 %
- Preheating of the complete mat from the core
- No moisture added to the mat
- Short installation time of about 10 days and short start up time

Technical features

- Uniform position of magnetrons in microwave chamber
- Easy maintenance of the magnetron heads with direct electric cabinets
- Safe production due to absorbing chambers
- Including adjustable opening channel
- Microwave power can be adjusted easily to throughput
- Required length in forming line 7.5 to 10 m
- Installed power 450/900 kW
- Preheating power 360/720 kW

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