Forest: The Nelson region of New Zealand has 175,000 hectares of plantation forests, primarily radiata pine. 100% of our raw material comes from these plantation forests. We own 2100 hectares of forests ourselves, and buy the remainder of our needs from other forest owners.

Log Yard: Pulp and Veneer logs are delivered to our log yard for both the MDF and LVL processes. We receive close to one million m3 of logs per year, which is an average of 170 log trucks per day. Logs used for LVL manufacture are A and J grade logs, suitable for peeling. We have two log handling cranes each with a 14 tonne lift capacity to a maximum height of 38m. Equipment Supplier: Fulghum.

Debark Logs: All bark is removed from the logs in a tandem ring debarker that uses knives to strip the bark from the trees. The maximum capacity of the debarker is a log of approximately 850mm diameter. After the debarker the logs are cut to lengths suitable for the lathe. Equipment Supplier: Nicholson.

Hot Log Bath: The logs are conditioned in hot (85 degrees Celsius) water for 24 hours. This brings the core temperature of the logs up to 65 degrees Celsius and allows a smoother peel to be achieved. When logs have reached the required core temperature the gantry crane loads a conveying system to the lathe infeed. Equipment Supplier: Southern Cross Engineering.

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