

CPS lines for LVL and Plywood

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DIEFFENBACHER

Main benefits of CPS lines for LVL- and Plywood

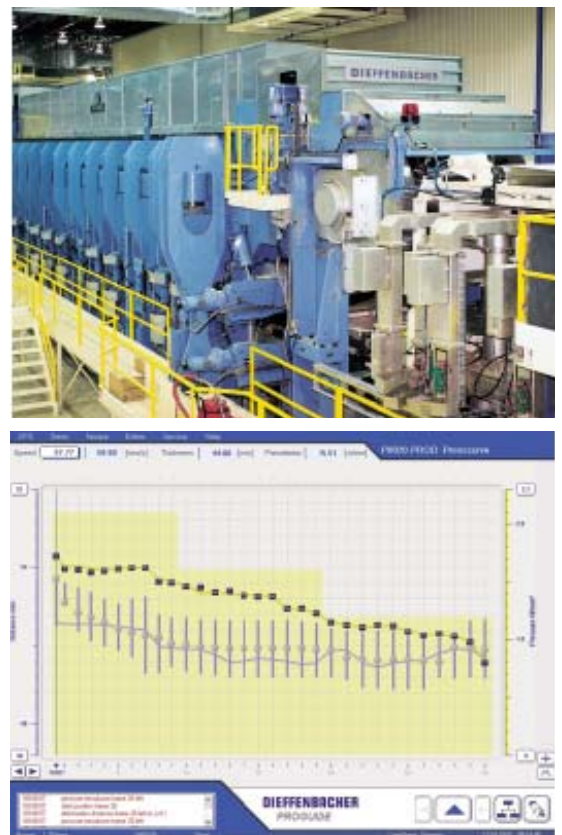
- Preheating of billet enables the use of fast resins
- Flexible production of LVL or Plywood
- Automatic handling greatly reduces manpower
- Endless billet enables most flexibility in product length



High-tech components

The Dieffenbacher LVL production line is a proven development. It features many high-tech components in order to:

- Softly handle veneers at high speeds with utmost precision
- Continuously lay up billets of different patterns
- Continuously pre-heat the billets by means of high power microwave
- Continuously press the billets in the continuous hot process (CPS)
- Trim, cut and stack LVL billets at the pre-programmable lengths
- Produce superior quality LVL at a higher level of efficiency



System Design Data

- Veneer sizes: 4' x 8', 6' x 8', 8' x 8'
- Veneer thickness: 1/10" to 1/6"
- LVL thickness: 3/4" to 4" (5")
- LVL Width: 4, 6 or 8 ft.
- LVL length: up to 80 ft. (and longer)
- LVL capacity (annual): 4 – 10 MMCUFT (70 – 300Tm³)
- Adhesives:
 - Phenolic resin
 - Fast curing glue system

