

LAMINATED VENEER LUMBER - LVL



Evergreen Engineering grew out of the wood products industries in the Northwest United States, and wood products – solid, composite, and engineered – remain a major segment of our business. We have completed thousands of projects all over the United States and into eastern Canada, up to and including complete greenfield plants. Evergreen has the strongest technical team in the industry for Engineered Wood Products (EWP) – including LVL and I-Beams. Evergreen and its staff have been heavily involved throughout the development of these technologies.

We are proficient in all process areas, from raw material handling to finished LVL, and are particularly adept with integrating process operations with utilities and central systems.

Evergreen appreciates the importance of project planning. We can help to formulate and assess options and tradeoffs early in the planning phase, to achieve maximum leverage and opportunity for success. We can then assist with project scope definition, accurate cost estimation, payback justification, detailed engineering, even construction management, commissioning, and start-up.

We have also been proactive in understanding and developing tools to deal with crucial LVL plant issues such as raw materials supply, energy conservation, and environmental controls – we can provide innovative solutions in these critical areas.

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(Project examples on reverse side)



EVERGREEN ENGINEERING

Eugene, Oregon (541) 484-4771 • Atlanta, Georgia (404) 267-1471

www.evergreenengineering.com

LVL – Project Examples

MLT LVL, Torzhok, Russia

- Complete new LVL manufacturing plant
- Log conditioning ponds & green end
- Veneer drying & grading
- Continuous microwave preheated press line
- Biomass energy system

Pacific Woodtech, Burlington, WA

- Addition of new LVL manufacturing line
- Continuous MW preheated LVL press
- Pollution control permitting/equipment

Murphy Plywood, Sutherlin, OR

- Complete new LVL manufacturing facility
- Site development & buildings
- Veneer drying and grading

Trus Joist, Stayton, OR

- New LVL manufacturing plant
- Site development

Trus Joist, Eugene, OR

- New plant, multiple LVL presses
- Veneer drying and grading
- LVL cut-up, stacking, bundling
- Pollution control equipment
- New thermal oil systems

Boise Cascade, White City, OR

- New LVL manufacturing plant
- Continuous, 8 foot wide, microwave preheated system
- Preliminary engineering, technology selection, and project budgeting
- Building additions & site development

Trus Joist, Junction City, OR

- Multiple LVL presses in new plant
- LVL products line with sizing, texturing and packaging equipment
- Machine design, power, and control
- Veneer dryer system
- Pollution control equipment

Louisiana-Pacific, Hines, OR

- New LVL plant preliminary engineering
- Veneer lathes through LVL cut-up
- Equipment layouts and budget

Trus Joist, Natchitoches, LA

- New plant with LVL presses
- Building, dryer, and glue system
- LVL products line

Louisiana-Pacific, Wilmington, NC

- Veneer drying
- New LVL press
- Layout, schedule, and capital estimate

Willamette Industries, Winston, OR

- Preliminary engineering
- Equipment specifications