

Willamette Industries – Dallas, OR (now closed)

- Replacement of edger
- Installation of new curve sawing gang edger
- Design of transfers to fit into an existing system.
- Revisions to waste system
- Primary breakdown with quad band saw and positioning infeed

Willamette Industries – Dodson, LA (now owned by Weyerhaeuser)

- Installation of jib crane
- Multi-saw log merchandiser system
- Primary breakdown with quad band saw and positioning infeed
- CAE shifting gang edger
- Linear edger
- Sorter timing chain modifications and speed increase

Confidential Client – Gurdon, AR

- Planer mill trimmer infeed lug loader and sorter modification
- Waste system conveyor systems and clean-up

Confidential Client – Dudley, NC

- Barrel roof and valley rebuild
- Chip screening improvements for use in OSB plant operations

Confidential Client – Monticello, GA

- Plywood and sawmill waste water settling pond

Confidential Client – Philomath, OR

- Carriage rebuild
- Dual band saw VFD drive conversion
- Edger infeed scanner upgrades with unscrambler and infeed deck modifications
- Gang edger saw deviation improvements, infeed table upgrades, and modification for cant positioning
- Sawmill trimmer lug loader, infeed chains, and backlog control system upgrades
- Planer mill tilt hoist, infeed tables, and planer infeed speed increase systems
- Planer mill hydraulic to electric conversion
- Planer mill trimmer lug loader and sorter modification for speed increases
- Planer mill stacker conversion from hydraulic to electric with infeed chain modification
- Planer mill strapping line speed increases, transfer chain upgrades and package controls upgrades

Confidential Client – Taylorsville, MS

- Log bucking saw modification

Hampton Lumber – Morton, WA

- ESP installation
- Head rig replacement, electrical upgrades
- Boiler steam line analysis

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Confidential Client – Warrenton, GA

- Sawmill lug loader upgrade and trimmer modification

Hampton Lumber – Darrington, WA

- Arc flash analysis
- Preliminary engineering for complete rebuild and retooling for smaller log diet, included all major machine centers, evaluation of best technologies, and process optimization for changing log diet

Confidential Client – Coos Bay, OR

- Chip-n-saw infeed SLI infeed replacement with auto-rotation and correction
- Log bucking system speed increases and handling and modification
- Multi-saw bucking system
- Sawmill trimmer optimization upgrades
- Sawmill trimmer lug loader and back-log conveyor upgrades
- Sawmill strapper skew stacking upgrades
- Planer mill infeed backlog controls and conveyor modifications
- Planer mill auto grader and trimmer infeed modifications
- Planer mill stacker infeed chain modifications
- Planer mill strapper line reconfiguration with new strapper and transfer chains
- Planer mill bar-coding system installation

Hampton Lumber – Randle, WA

- Installation of Comact primary breakdown system
- Log bucking system upgrades for metal detection, sorting, and log decks for auto rotation and primary infeed system
- Scrubber installation system
- Water treatment pond
- Preliminary engineering for primary breakdown system retrofit

Hampton Lumber – Warrenton, OR

- Kiln foundations and pile designs
- Boiler MACT audit

Hampton Lumber – Tillamook, OR

- Boiler MACT audit

Willamette Industries – Sweet Home, OR (now closed)

- Installation of new gang edger
- Design and install of tilt hoist and cant flipper
- Design of cant transfers and lumber transfers
- Installation of new waste conveyors