

Log Bucking Optimizer

Solid Wood Products
Sawmill Systems
Dry Kilns
Planermill Systems
Scanning & Optimization
Machine Controls

Customer Support
Service
Training
Parts
Upgrades

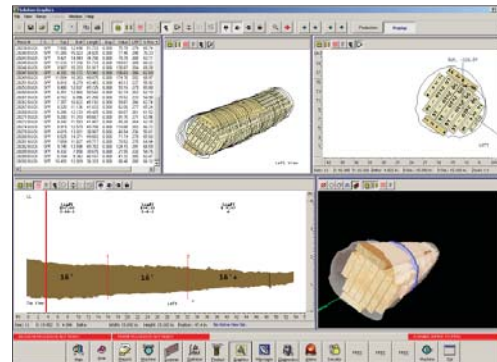


Sweep Table limits the amount of sweep tolerated for each log length



Length Bias Configuration allows operator to bias decisions away from or towards specified bucking lengths

Peeler Control Table configures log solutions suitable for peeler blocks for plywood



Overview

The Newnes-McGehee Bucking Optimizer is the ideal companion for Newnes-McGehee primary breakdown and curve sawing optimizers. The bucking optimizer uses complete optimization algorithms rather than lookup tables to ensure optimum value recovery. Curved logs can be bucked to longer lengths within the allowable amounts of curve and other parameters for downstream equipment.

Our bucking optimization system software is built on the same platform as our world-leading primary breakdown and curve sawing systems. Sophisticated logic evaluates each solution to predict the products that will result from bucking to trimming. Cant and side board product control are independent. The Windows based interface allows ease of setup and system monitoring, with complete reporting features.

The Newnes-McGehee bucking optimizer utilizes our advanced linear scanning sensors to completely scan the log at high resolution in real-time. Powerful processors handle the scan data and transmit it to the optimization computer over a high-speed mill network.

Besides those features and benefits you'd expect from a log bucking system, we've built additional features into our optimization software to further enhance the recovery of valuable wood fibre:

Features & Benefits:

- ▶ User configurable for imperial or metric measurement systems
- ▶ Windows based user interface has the same look and feel as current Newnes-McGehee optimizers
- ▶ High resolution 19" color monitor maximizes visibility of user interface
- ▶ Durable touch screen operator workstation available for mill floor
- ▶ Compatible with Newnes-McGehee's sawmill optimization Mill Host®
- ▶ Easy upgrade to future software versions
- ▶ Optimization and controls designed and built by Newnes-McGehee for 100% integration
- ▶ 7/24 Service and modem connection for remote diagnostics

Options:

Side-shifting precision end trim saw or "zero" saw is available complete with either hand crank or linear positioner to achieve infinite lengths.

- ▶ Length sensing photo-eyes mounted overhead in a protective enclosure
- ▶ Various hold down configurations available
- ▶ Configuration for 6" cutting depth