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Log Optimizer Allows for the best log scanning in the industry with a:

- scan density up to 1/2" (10 mm)
- line speed up to 1,000' (300 m) per minute



TECHNOLOGY. QUALITY. CUSTOMER EXPERIENCE.



GEN³

LOG OPTIMIZER

PERFORMANCE FEATURES

- For all types of optimized primary log breakdowns: log turner, log sorter, chipper canter, twin, quad, etc.
- Can replicate any curve sawing from a downstream machine
- Better True Shape modelling
- Select solution based on a risk factor (rotation error for example)
- Minimum face (width and length) can be defined for each face (left, right, top and bottom)
- Optimizer can minimize mechanical movement by using last solution (controlled by a maximum loss factor)
- Possibility to define a set of active sawing patterns, a set of non-valid sawing patterns (exclusion list) OR let the optimizer decide the best one to use

SIMULATION FEATURES

- Easy comparison tool to analyze multiple simulation results
- Live simulation which compares side to side solutions from live production logs optimized with different parameters
- Save as much as 20,000 logs per simulation lot
- Optimization advanced analysis tool, allowing user to test alternate solutions by forcing a sawing pattern or adding a sideboard

CHARACTERISTICS

- Unlimited number of configurable products and optimization based on price or volume
- Optimizes according to planer target dimensions
- Full support of profiling tools
- Log turner can be set for horns down, up or minimal movement
- Second scanner can be added to validate and/or do a correction on log rotation
- Log capture tool for simulation based on log's characteristics and/or solutions
- Modular frame with a configuration of 3 or 4 sensors to capture maximum data
- Option of a second set of scanners for tight spaces

USER INTERFACE

- High definition, browser-like user interface allowing multiple screens across all systems and flexible, per-user customization
- Multiple screen views of the log including high resolution 3D view, wire frame view and raw/filtered data view
- Live history of the last 5,000 logs
- Complete log journal of user activity and parameter changes
- Seamlessly integrated document viewer for archiving, exporting, reporting and printing in most popular formats (XLS, PDF, etc.)
- Archive and save parameters manually and automatically for easy restoration
- System-wide, centralized logs, alarms and status information for increased serviceability, production and quality management
- User can simulate, perform log captures and advanced solution analysis without interfering with the production
- Cutting edge software and hardware architecture

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450.434.8389 • info@autolog.com • WWW.AUTOLOG.COM

1240, Michèle-Bohec
Blainville (Qc) J7C 5S4 Canada

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