

HITMAN LG640

Automated log segregation
for value recovery



fibre-gen
thinking timber

HITMAN LG640

Now, using the Hitman LG640, high stiffness logs can be sorted automatically on the log line for high value structural lumber or LVL veneer processing. Working at mill production speeds logs can be processed to maximise returns, or batch sorted for value based saw cut or veneer thickness decisions.

Hitman LG640 enables real-time management of infeed log supplies, verifies acoustic log specifications and builds knowledge of external resources for future log buying decisions. Logs can be sorted for the best processing option.

Stiffness of green wood in logs and stems is variable depending on species, site, genetics and silviculture, as well as the location within the tree from which logs are cut. Acoustic velocity measurement is used because it is a direct measure of wood stiffness.

The Hitman LG640 is configured for low maintenance, high duty cycle operation and has proven to provide high accuracy, reliable log measures for processing in the log sort yards or on the mill infeed lines.



The Hitman LG640 delivers these benefits to sawmill and veneer mill operators

- Enables objective evaluation of log stiffness
- Automatic assessment of each log at mill processing speed
- Enables log quality from each forest or supplier to be determined
- Identifies log quality at mill to optimize processing
- Enables precise prediction of MSG/MSR yield from incoming logs
- Delivers precise yeild information on incoming logs for G1 and G2 LVL veneer grades
- Quick, efficient, reliable, and cost effective
- Enhanced occupational safety relative to manual testing

Features

- Automatic testing at mill operating speeds
- Non-stop log measurement system to allow log line to continue at full operating speed
- Longitudinal or transverse conveyed logs
- Data capture and interface with mill automation for real time monitoring
- Simple maintenance and ease of operation
- Data-basing of results
- Robust, industrial strength design and construction

Support

Fibre-gen specialises in technology applications for enhancing value recovery and process efficiencies in the forest and wood processing supply chain. Our team provides consultation and expertise to forest harvesting and wood processing industries. We are committed to maximizing the benefits and returns to our customer's business through the ongoing support and application of acoustic technologies.

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