

# **HITMAN LG640**

An in-line automated tool to test wood stiffness prior to processing.



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The Hitman LG640 uses stress wave velocity to assess wood quality of logs, enabling optimization of log processing decisions. Stiffness and related wood properties can now be automatically assessed in-line at mill operating speeds prior to processing.

End product properties are dependent upon the quality of log supply, and natural variation in wood properties from species, site, silviculture and genetics have complicated decisions regarding further processing. The industry has long needed an automated production line system to measure the quality of logs and assess them for optimal cutting patterns to maximize recovered values.

Now, using the Hitman LG640, logs can be sorted for production of lumber or veneer for specific purposes. Automated stress wave testing at an early processing stage, provides a measure of wood stiffness at mill production speeds so logs can be batched by target cutting pattern or veneer thickness.

The Hitman LG640 is of robust design and can be configured for use on logs being conveyed in either longitudinal or transverse direction.



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

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

## Features

- Automatic testing at mill operating speeds
- Data capture and interface with mill automation for real time monitoring
- Robust, industrial strength design and construction
- Simple maintenance and ease of operation
- Data-basing of results
- Log conveyor system continues at full operating speed during testing

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