

# HITMAN PH330

Automated Wood Quality Measurement  
for Log Making and Segregation



**fibre-gen**  
thinking timber

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Hitman PH330 is Fibre-gen's automated, real-time, wood quality measurement tool for harvesting operations. The patented processor head attachment determines wood stiffness, enabling value based log making decisions and segregation and delivery of logs to the best value processing operation. Hitman PH330 is generic and easily re-configurable to fit into the most commonly used head types for in-forest grading of stems and logs.

This 'world first' system uses proven acoustic technology to test stiffness progressively up a stem prior to making log cutting decisions. The head then cuts logs to meet user input stiffness specifications, so harvesting crews can match logs to a mill's wood strength requirements.

Stiffness of green wood in logs and stems is variable dependent on species, site, genetics and silviculture. Acoustic velocity measurement is used because it is a direct measure of wood stiffness.

The Hitman PH330 is configured for low maintenance, high duty cycle operation and has proven to provide high accuracy, reliable log measures for processing in forest, on landings and in roadside operations.



## Hitman PH330 delivers benefits to forest owners and managers and mills

- Enables identification of structural logs during log making
- Guides log length cutting decisions to meet target mill length specifications
- Enables objective evaluation of wood stiffness in thinnings for higher value recovery
- Enables segregation to get the right logs to the right mill
- Operation is quick, efficient, reliable, and cost effective
- Offers enhanced occupational safety relative to manual testing in a mechanised environment

## Features

- Automatic testing at processor head operating speeds
- In-cab sonic velocity display
- Data capture and storage for later download
- Interface with head optimiser for value based log making
- Simple maintenance and ease of operation
- 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 to processor head operations.

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