

# HITMAN *ST300*

Structural Valuation for Standing Trees



**fibre-gen**  
thinking timber

# HITMAN ST300

Now stiffness and related wood properties can be assessed in standing trees to support valuation, stumpage purchase, harvest planning, and enhance tree breeding programs.

The value of assessing wood properties for forest owners and management operations in buying or selling stumpage or in harvest planning is crucial to long term profitability. Similar values are involved in advanced tree breeding programs.

Using Hitman ST300 on standing trees enables planners to rank stands for structural harvest independently of age class. It also provides accurate measures of structural properties in breeding material as early as 8 years old.

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 ST300 has a proven track record in the determination of wood properties in standing trees and has performed reliably in extreme operational environments.



## Hitman ST300 has been scientifically proven to

- Rank stands for harvest planning
- Predict grade out-turn of structural logs
- Provide breeding values for stiffness

## Applications

The Hitman ST300 delivers these benefits to forestry, solid wood, veneer, and pulp and paper operations.

- Enables objective evaluation of stiffness and related wood properties in standing trees
- Optimal value decisions can be made before committing to stumpage purchase or harvest planning
- Tree breeding programmes identify low Microfibril angle material as early as 8 years

## Features

- Wireless operation means no cables
- Simple twin probe tool hit in with hammer
- Automatic distance measurement between probes
- Audible feedback to operator
- Wireless bluetooth link for data transfer to PDA
- Standard battery powered
- Ergonomic rugged waterproof design

## 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.

## fibre-gen Contact Us

Peter Carter  
Chief Executive

Direct +64 9 262 2067  
Mobile +64 27 414 7613

Unit 5 Amuri Park  
404 Barbadoes Street  
PO Box 27-017  
Christchurch 8013  
New Zealand

[peter.carter@fibre-gen.com](mailto:peter.carter@fibre-gen.com)  
[www.fibre-gen.com](http://www.fibre-gen.com)