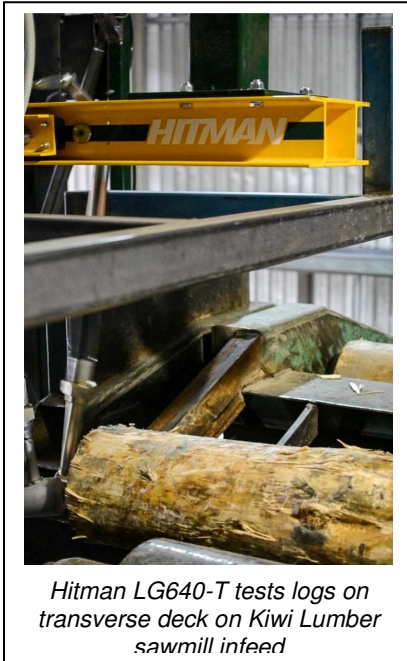


fibre-gen

# HITMAN

## CASE STUDY - KIWI LUMBER HITMAN LG640 DELIVERS MORE VALUE

HITMAN ENABLES TAILORED SAWCUT PATTERNS OF STRUCTURAL LOGS TO INCREASE MSG OUT-TURN AND NON-STRUCTURAL PRODUCT VALUE



Hitman LG640-T tests logs on transverse deck on Kiwi Lumber sawmill infeed

Independent Group Kiwi Lumber run three sawmills in the North Island of New Zealand and have recently installed a HITMAN LG640-T log grader in their Masterton mill infeed line. The sawmill runs a quad circular saw primary breakdown saw and targets structural sawn timber from a mixed stiffness local radiata pine resource.

Benefits of installing the Hitman LG640 include the following

- An increase in MSG recovery resulting from structural products being cut from closer to the core of high stiffness logs
- An increase in average value of non-structural products recovered by cutting larger dimension non-structural products from the core of low stiffness logs
- Ongoing costs of manually measuring acoustic velocity are eliminated and logistics constraints of log marking and segregating in yard are avoided
- Structural quality of log supplies are monitored, highlighting sources which provide highest yields and providing data for supplier log price negotiation

These benefits are achieved by the mechanised HITMAN LG640 measuring acoustic speed of all logs in line immediately prior to the primary breakdown, providing a direct indicator of stiffness as a key driver of sawcut pattern to optimise production of

structural and non-structural sawn timber products. Now available in transverse and longitudinal configurations the HITMAN LG640 can be installed in any sawmill log sorting or infeed line.

### COST OF HITMAN LG640 FROM \$0.19/M<sup>3</sup> SAWN TIMBER VOLUME

(FOR MILL ON 36 MONTH LEASE-TO-BUY, AND LOG MEAN V = 3.2km/sec, CONDITIONS APPLY)

HITMAN LG640 - COST AND EXAMPLE BENEFIT			
Sawn production	Cost/day	Cost/m <sup>3</sup> timber	Benefit/m <sup>3</sup> timber
25,000 m <sup>3</sup>	\$166.55	\$1.49	\$2.70
50,000 m <sup>3</sup>	\$166.55	\$0.74	\$2.70
100,000 m <sup>3</sup>	\$166.55	\$0.37	\$2.70
200,000 m <sup>3</sup>	\$166.55	\$0.19	\$2.70

#### HITMAN LG640 IS AVAILABLE NOW

- PURCHASE
- LEASE-TO-BUY
- LEASE

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#### Single product example based on generic prices

