MICROTEC

Logeye Stereo

Revolutionary transverse stereoscopic real-shape scanner for logs





Customer benefits

- 360° real shape reconstruction during rolling
- Increase of throughput speed, yield and cutting performance
- \checkmark Easy operation on the bandsaw, carriage, end dogger, or short-coupled in-feeds
- Efficient and modular solution
- Direct connection to cutting optimization (Maxicut) and cutting line visualization software (Optiline)







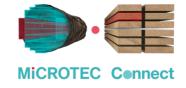
MiCROTEC's Logeye Stereo stereoscopic imaging system is the only worldwide scanner that provides a full 360° scan of a log as it's rolling into the carriage, headrig, end dogger, or from a transverse to lineal conveyor. Since the scanning takes place as it's transferred into the position, the log is already fully optimized and ready for sawing the instant it is dogged or sent through the sawline.

A patented revolution in carriage scanning

Logeye Stereo leads to higher throughput speed and vastly improved recovery, as the entire surface of the log is imaged without shadows or occlusions. The scanner can also detect the current rotation of the log at any point in the process, allowing full rotation optimization and turn correction. This feature was previously only possible on lineal scanning lines.







Providing unparalleled pattern optimization

In combination with MiCROTEC's Maxicut cutting optimizer and MiCROTEC's Optiline, the Logeye stereo provides full transparency of the optimized solution overlayed on the live image of the real log. The video of the top and butt end of the log is displayed in 5K.

MiCROTEC Connect

When integrated into the MiCROTEC Connect concept, Logeye Stereo performs a geometric matching at the carriage to achieve CT-based optimization.

Touchscreen Display

the carriage operations and the cutting optimization. The operator can take action at any time during the optimization or cutting of the log having the possibility to manually change a cut solution board by board.





Species

- Softwood
- Hardwood

Feeding

Transverse

Purpose of scanning

Dimensional

Technology

- Stereoscopy
- ✓ MICROTEC AI

Technical Data

- ✓ Log diameter up to 1400 mm/55.1"
- Modular in the function of the maximum log length
- ✓ Each module up to 1500 mm/59.1"

Application

- Headrig carriages
- End doggers
- Short coupled infeeds

Feature

- Cutting optimization
- 360° real log external shape
- ✓ MiCROTEC Connect

Option

Integrated movement compensation

MICROTEC

World leading wood scanning solutions



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