Goldeneye 500

Multi-Sensor Quality Scanner for
lumber grading, chopping and sorting

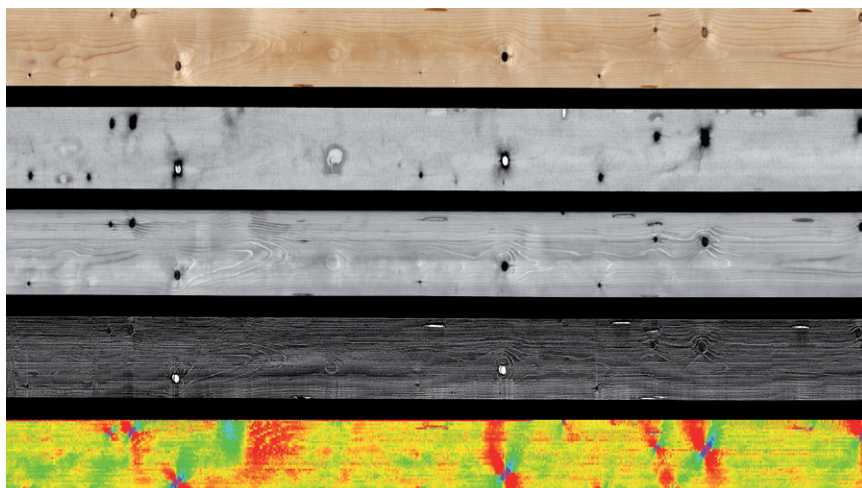Goldeneye 500

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Grading, chopping & sorting

The new Goldeneye 500 series comes with next-generation X-ray technology sensors and state-of-the-art cameras and components. Award-winning design and functionality is combined with the most accurate scanning results achievable by a lumber scanner for grading and quality measurement.

Microtec's Goldeneye 500 Multi-Sensor Quality Scanner allows you to recognize wood defects reliably and accurately in order to automate, streamline and optimize your production. The value optimization software considers customer specific grading, chopping and sorting rules to boost both recovery and resale value. All parameters and grading rules can be refined together with our engineering teams to get the most out of your production.

Goldeneye 500 Multi-Sensor Quality Scanner has a long product life and is protected from dust and debris thanks to its smart housing design. It is easy to use and can be simply integrated at any point within the processing plant as a flexible and customized modular system, tailored to your specific needs.

Production Applications

Sawmill
× Sorting
× Trimming

Planermill
× Sorting/Cross-cutting
× Trimming
× Structural
× Glulam/CLT

Remanufacturing
× Sorting/Cross-cutting
× Doors & Windows
× Flooring
× Furniture

Moulding & Millwork
× Flooring
× Doors & Windows
× Moulding

Goldeneye 500 Multi-Sensor Quality Scanner features
× **Color**
× **X-ray**
× **Laser scattering**
× **3D laser triangulation**
× **Grain deviation**

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Goldeneye 500 integrates perfectly into all common cross and chop sawlines in order to increase yield in wood component production. Goldeneye 500 Multi-Sensor Quality Scanner precisely recognizes and localizes wood defects in wood components such as door and window stock.
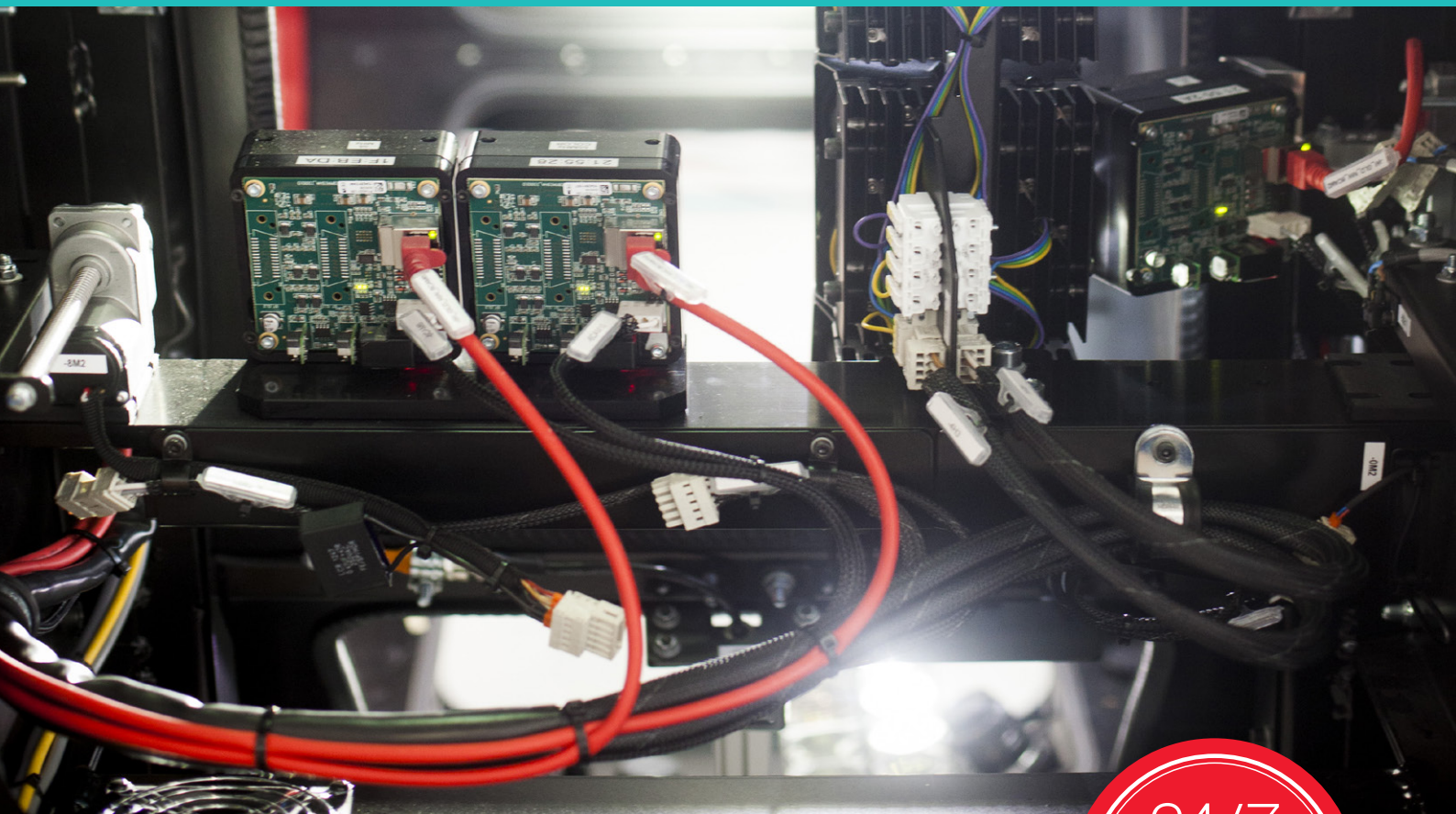
The Goldeneye 500 Multi-Sensor Quality Scanner is built with state-of-the-art scanning modules that are easily upgradable, interchangeable and combined according to your specific needs.

Goldeneye 500 Multi-Sensor Quality Scanner features

× Multi-Sensor cameras and sensors
× Next generation X-ray technology to identify wood defects that are not visible on the surface and to determine the internal structure of the lumber
× Color scanning with Full HD resolution
× Laser 3D triangulation
× Laser scattering and grain deviation
× High-speed on-chip image processing with 64-bit operating system

Goldeneye 500 features	501	502	506
Dimension (3D laser triangulation)	✓	✓	✓
Grain deviation (laser scatter)	✓	✓	✓
Color	✓	✓	✓
X-ray		✓	✓
Resonance frequency (laser interferometer)			✓
Board cross-section	up to 130 x 300 mm (5 x 12 in)		
Conveyor speed	up to 300 m/min (1000 ft/min)		

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24/7 MiCROTEC SUPPORT

World leading wood scanning solutions

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