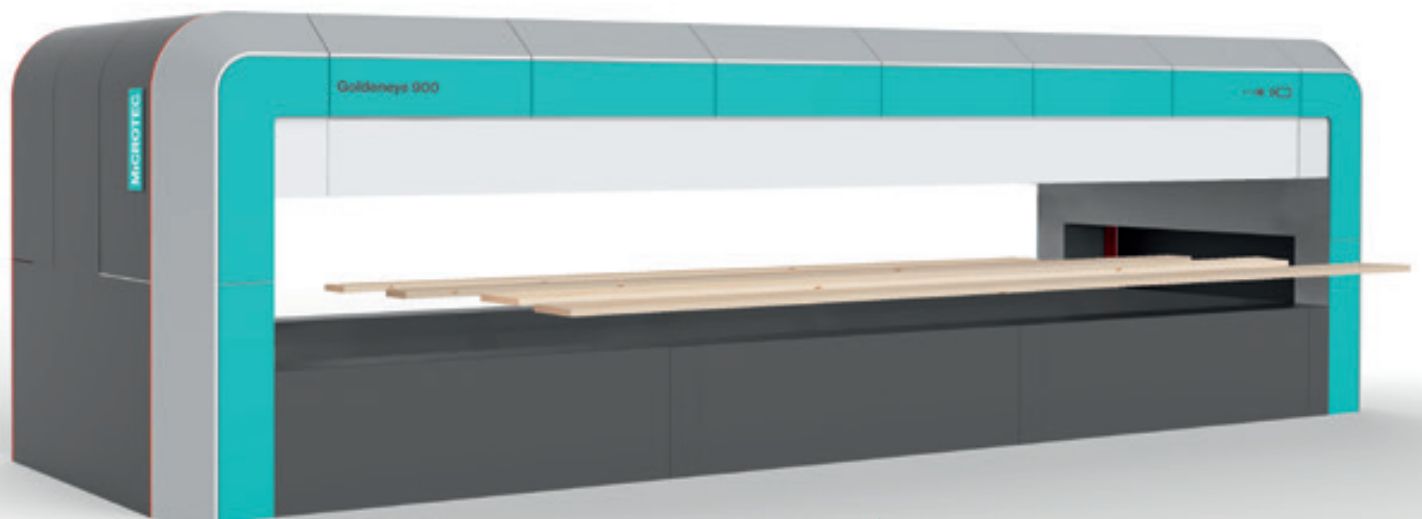


Goldeneye 900

Multi-Sensor Transverse Quality Scanner
for planed or rough lumber grading, trimming & sorting optimization
in green, dry or planer mills



- Goldeneye 900 features
- × **transverse feed**
 - × **4 sided scanning**
 - × **modular design up to 8 meters**
 - × **scans planed & rough lumber**
 - × **for green, dry & planer mills**

Next generation transverse lumber scanning

The world's no.1 Multi-Sensor Quality Scanner in transverse transport, the Goldeneye 900, is a showcase of the innovative technological capabilities of Microtec.

Goldeneye 900 determines the overall quality of green, dry or planed lumber in one pass from all four sides.

Value optimization before and after kiln drying is possible as the Goldeneye 900 grades both rough and finished lumber.

The scanner detects and localizes all types of knots as well as cracks, discoloration, pitch pockets, waness, curvature and other dimensional defects. This allows customers to automate, streamline and optimize all further production steps.



«The Goldeneye 900 reduces costs in planning, installing, commissioning and servicing. Our optimization boosts both recovery and value, in transverse green & dry sorting lines. Parameters and grading rules can be refined together with our engineering teams in order to get the most out of your production.»

Dott. Ing. Federico Giudiceandrea
Microtec CEO

Goldeneye 900 Multi-Sensor Transverse Quality Scanner features

- × Transverse transport
- × One scan solution from all 4 sides
- × For green, dry or planer mills
- × Simple installation, no elevation changes
- × Scans planed and rough lumber
- × Grades lumber based on individual quality parameters

Full quality grading

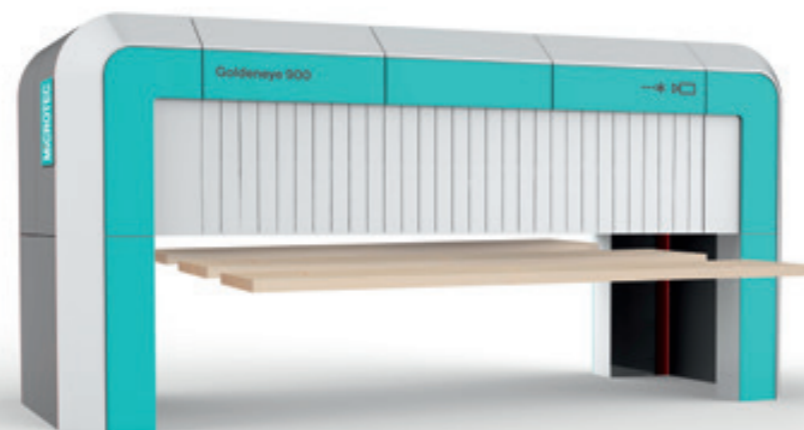
Goldeneye 900 provides accurate defect reconstruction as well as precision and reliability in determining surface quality of green and dry boards in transverse feeding. The seamless integration of color and laser scanners into one Multi-Sensor system delivers a gapless view of the surface of lumber. A simple and fast installation is assured due to a compact, single pass design. Since the boards do not need to be turned, the scanner only requires a single scan frame width. As no elevation changes are required, the scanner can be placed in an existing grading station or transverse chain section with minimal modification. The optimization software enables individual management of real and virtual optimization parameters for peak recovery. The evaluation of the scanned information is done using Microtec's powerful image processing and optimization algorithms in order to maximize recovery of downstream production processes.

- × Accurately recognizes, localizes and sizes knots and other defects such as cracks, pitch pockets and discoloration
- × Modular design, 2 to 8 meters
- × Implements customer specific grading, trimming and sorting rules
- × Comprehensive and easy to use user-interface



Goldeneye 900 features Multi-Sensor cameras and sensors for laser scattering, laser 3D triangulation and color analysis

Goldeneye 900 Multi-Sensor Transverse Quality Scanner reliably identifies wood defects, grading both planed as well as rough lumber as 4 sided or 2 sided top scanner.



Goldeneye 900

Dimension (3D laser triangulation)	D
Grain deviation (laser scatter)	S
Color	C
Strength grading	✓ (optional)
Board length	from 2 to 8 meters (6 to 26 ft)
Cross-section	up to 100×320 mm (4×12 in)
Conveyor speed	up to 200 lugs/min



World leading wood scanning solutions

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