

# Goldeneye 800

Multi-Sensor Quality Scanner  
for high performance planer mills and manufacturers  
of lumber construction products



# Maximum reliability and long-term efficiency

Goldeneye 800 Multi-Sensor Quality Scanner for high-speed applications maximizes recovery for high-speed planer mills and manufacturers of construction lumber and high-speed applications.

The high-speed next generation Multi-Sensor Quality Scanner determines quality of lumber at conveying speeds of up to 1200 meters per minute. Goldeneye 800 sensors scan lumber at high speed with unprecedented precision. In a fraction of a second knots, cracks, pitch pockets, holes, stain, decay, waness and other board defects are recognized and localized. New X-ray technology thoroughly engineered for durable scanning and optimization ensures high performance and accuracy at feed speeds of up to 1200 meters per minute.

Goldeneye 800 Multi-Sensor Quality Scanner works for both hardwood and softwood, green and dry lumber.

### Goldeneye 800 Multi-Sensor Quality Scanner features

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

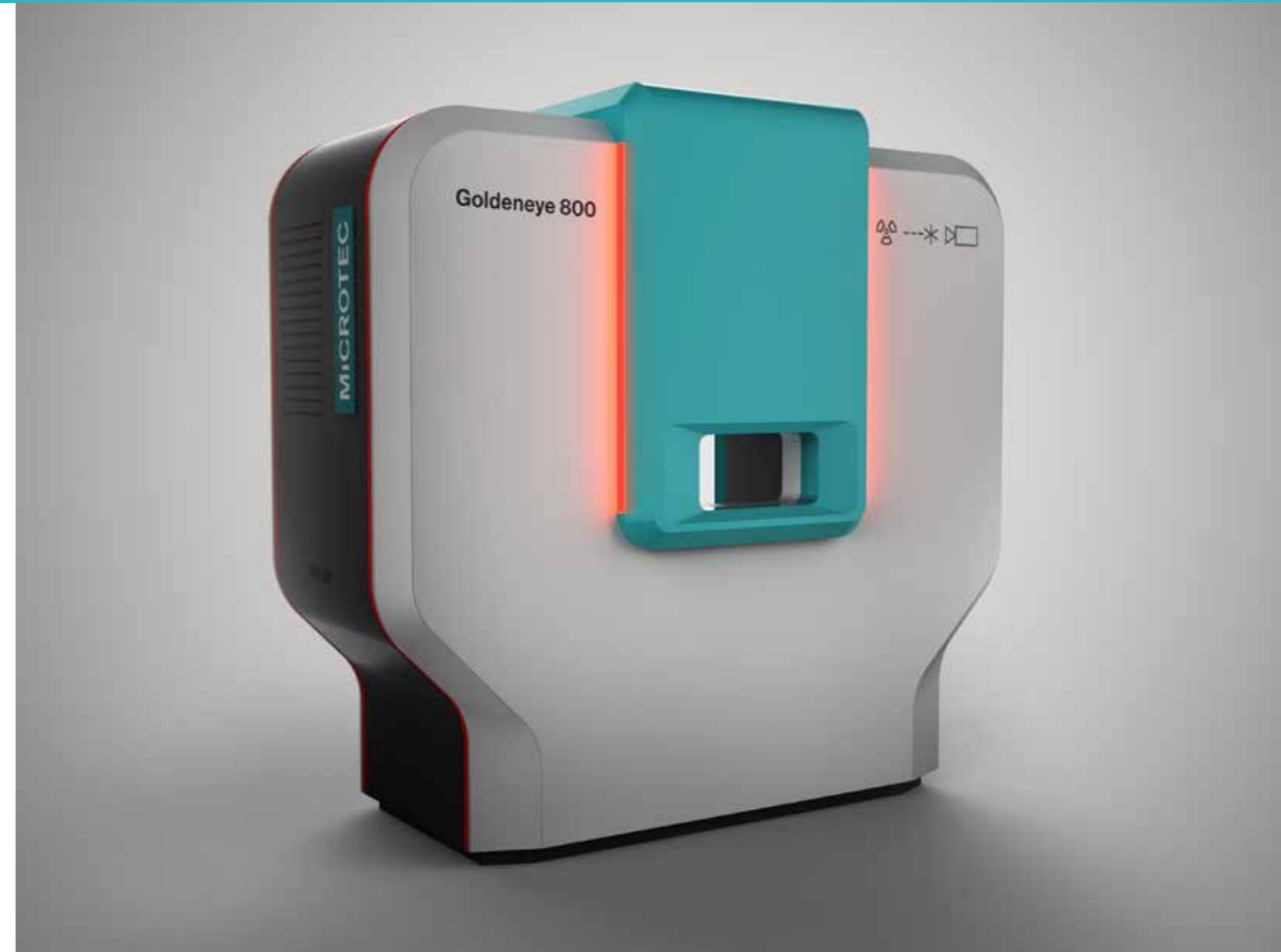


«Ruggedness, speed and measurement precision are key for high performance planer mills and manufacturers of construction lumber products. Our engineers have made sure that our customers have no need to compromise in terms of either throughput or reliability, and certainly not in terms of function.»

Dott. Ing. Federico Giudiceandrea  
Microtec CEO

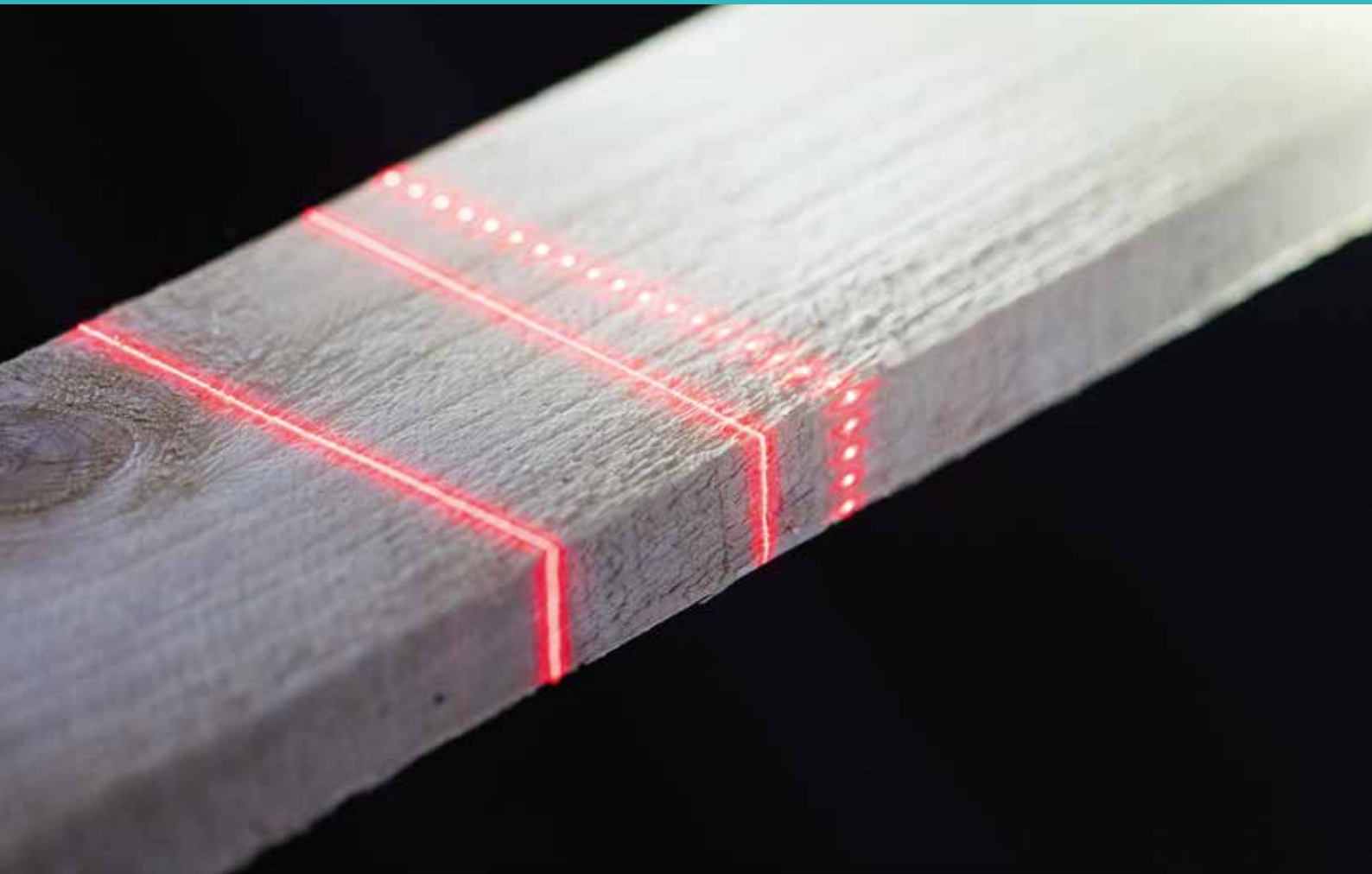
#### Goldeneye 800 details

- × outstanding heavy-duty design
- × maximum wear-resistance in critical areas
- × robust infeed/outfeed press roll system
- × increased service life thanks to innovative engineering
- × fully integrated X-ray source and cooling system
- × excellent maintainability



#### Goldeneye 800 features

	801	802	806
Dimension (3D laser triangulation)	D	D	D
Grain deviation (laser scatter)	S	S	S
Color	C	C	C
X-ray		✓	✓
Resonance frequency (laser interferometer)			✓
Cross-section	up to 100 × 300 mm (4 × 12 in)		
Conveyor speed	up to 1200 m/min (4000 ft/min)		



# World leading wood scanning solutions

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