

## Woodeye

Most trusted multi-sensor quality scanner for hardwood



### Customer benefits

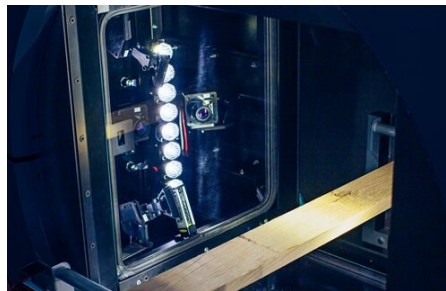
- ✓ Significant increase of lumber utilization thanks to precise feature recognition powered by MiCROTEC Ai
- ✓ Improved value yield and quick return on investment
- ✓ Best-in-class optimization for flooring, furniture and window components
- ✓ 30+ years of experience for hardwood applications
- ✓ Smart housing design for low maintenance and long-term life



Woodeye recognizes wood defects reliably and accurately in order to automate, streamline and optimize your production. The grading and optimization software considers customer specific grading, chopping and sorting rules to increase yield and final product quality.

## Award winning design

MiCROTEC has been proclaimed as one of the winners of the iF DESIGN AWARD 2022 for the Industry Sector. Their design represents a concentration of sophisticated high technology that allows quickly collecting thousands of images of the scanned boards. The shape of the Goldeneye and Woodeye scanners represents iconographically a big electronic eye.



## Flawless Performance

With cameras and sensors from all four sides, the Woodeye scanner creates a complete image of the material and its qualities. The system makes decisions on cutting, grading and sorting in a matter of milliseconds, with unprecedented accuracy and consistency.



## Unbeatable detection

Our system spots every imperfection and attribute so that the customer can set up the qualities and characteristics in their products as they desire. Whether you want to focus on durability flaws or aesthetic deficiencies, our software will meet your specific needs and level of quality.

## Powered by MiCROTEC Ai

Artificial Intelligence (Deep Learning AI) is integrated into all quality scanners from log to finished board. The AI knowledge of all MiCROTEC companies is merged into the MiCROTEC Ai platform, raising the possibilities of Deep Learning AI in the wood industry to a completely new level.



Species

✓ Hardwood

Feeding

✓ Lineal

Purpose of scanning

✓ Dimensional

✓ Quality

Technology

✓ 3D Laser

✓ Scattering Laser

✓ Color

✓ X-ray

✓ MiCROTEC Ai

Technical Data

✓ Speed up to 300 m/min-1000FPM

✓ Width up to 350 mm/13.7"

✓ Thickness up to 180 mm/7.09"

Application

✓ Sorting

✓ Trimming

✓ Cross-cutting

Feature

✓ Re-rip optimization

✓ Molding optimization

✓ MiCROTEC Connect

Option

✓ Simulation suite

✓ Synchronization suite

✓ Moisture profile

✓ Warp profile

✓ Annual ring orientation

Woodeye Models

<div>Woodeye 301</div> <div><div>✓ Laser</div><div>✓ Color</div><div>✗ X-Ray</div><div>✓ Speed up to 150 m/min (500FPM)</div><div>✓ Sorting, Cross-cutting</div></div>	<div>Woodeye 302</div> <div><div>✓ Laser</div><div>✓ Color</div><div>✓ X-Ray</div><div>✓ Speed up to 150 m/min (500FPM)</div><div>✓ Sorting, Cross-cutting</div></div>	<div>Woodeye 501</div> <div><div>✓ Laser</div><div>✓ Color</div><div>✗ X-Ray</div><div>✓ Speed up to 300 m/min (1000FPM)</div><div>✓ Sorting, Cross-cutting</div></div>	<div>Woodeye 502</div> <div><div>✓ Laser</div><div>✓ Color</div><div>✓ X-Ray</div><div>✓ Speed up to 300 m/min (1000FPM)</div><div>✓ Sorting, Cross-cutting</div></div>
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# World leading wood scanning solutions



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