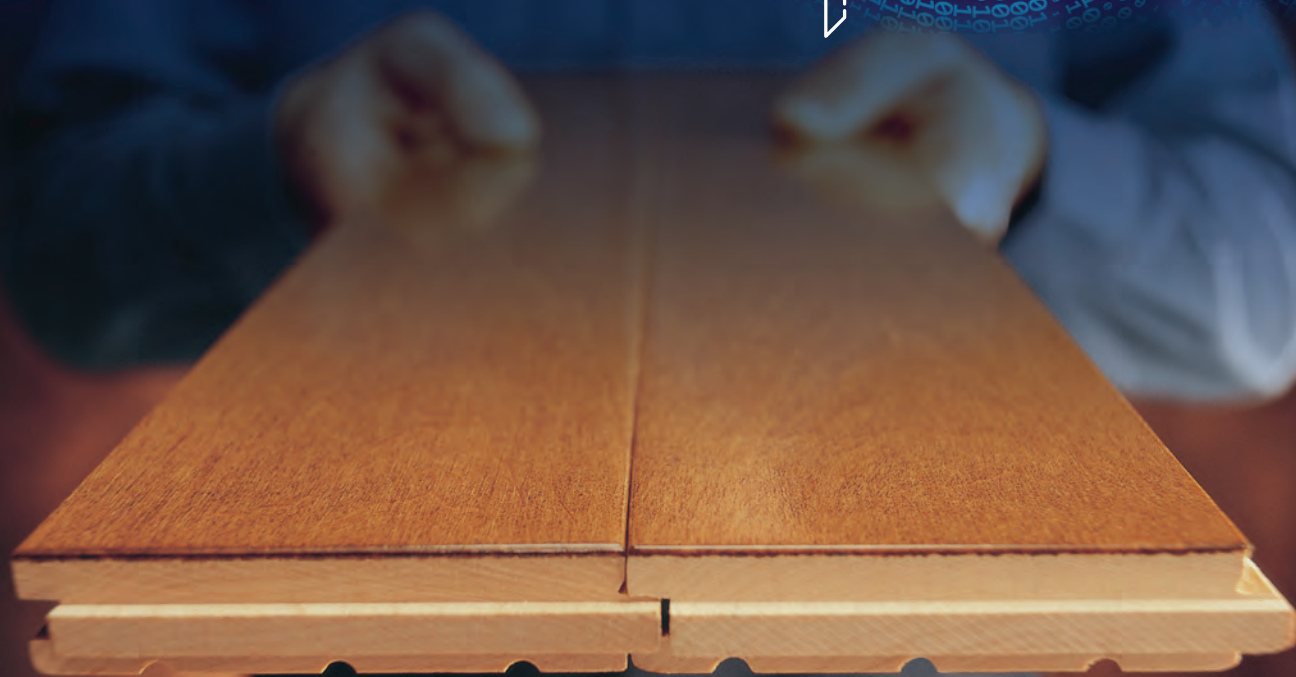


INTELLIGENT WOOD
SCANNING SOLUTIONS

IN SPECTOR



DIFFERENTIATE YOURSELF
AS A QUALITY LEADER

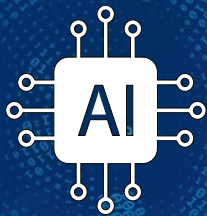
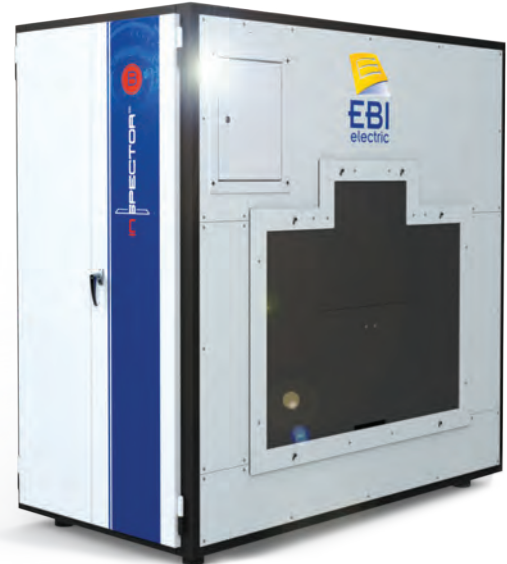




A AFTER side matcher **B** BEFORE side matcher

OPTIMIZATION

- Linear scanner (rip, cross-cutting, NHLA)
- Consistent interface for all scanner optimizations
- Color characteristic detection
- Physical defect detection
- Scans 1, 2, or 4 faces
- Color or 3D cameras
- Operator assistance



ARTIFICIAL INTELLIGENCE IMPROVEMENT

DETECTION

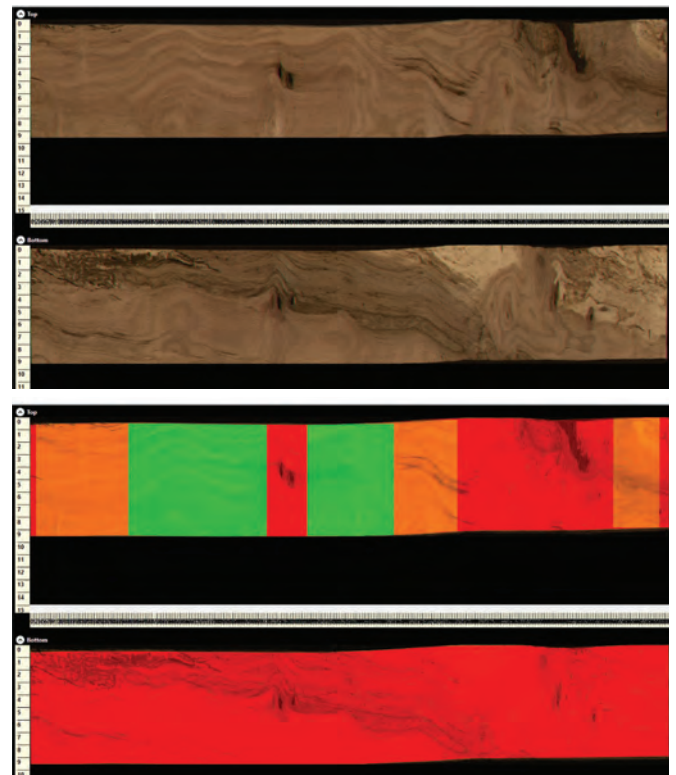
Rot control detection
Species detection
Defect detection

AI IMPROVEMENTS

- Rot detection, heat traces
- 95% efficiency vs 15-20% conventional vision
- Better wood categorization
- Rot and color variation control
- Continuous AI training

OPTIMIZATION MODES

- Cross-cutting, rip, NHLA grade, sorting
- Defect detection power



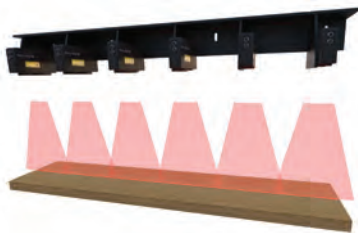
ADVANTAGES



F

**INSPECTOR F
FINISHING**

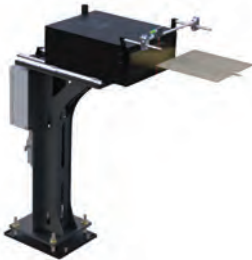
- Finish scanner (stain, varnish, color)
- Panel inspection on the finishing line
- Defect detection
- Product standardization



T

**INSPECTOR T
TRANSVERSAL**

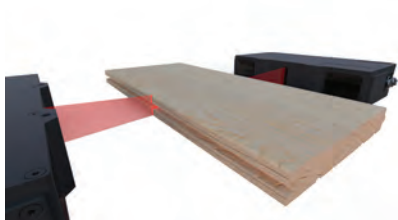
- Optimization (edging, sorting, NHLA)
- Product optimization maximized based on yield and value
- Defect detection with AI



E

**INSPECTOR E
END BOARD**

- End board defect detection
- High-frequency inspection
- Increased product quality control



P

**INSPECTOR P
PROFILE**

- Dimensional profile control (end, side)
- Product conformity assurance
- Enhanced product quality control
- Operator assistance



R

**INSPECTOR R
I.D. READING**

- Wood board precision tracking
- Utilization of AI in the process



S

**INSPECTOR S
SPECIES DETECTOR**

- Wood species control within the same production lot

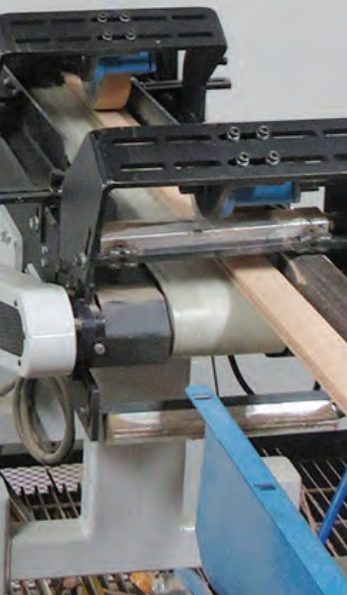
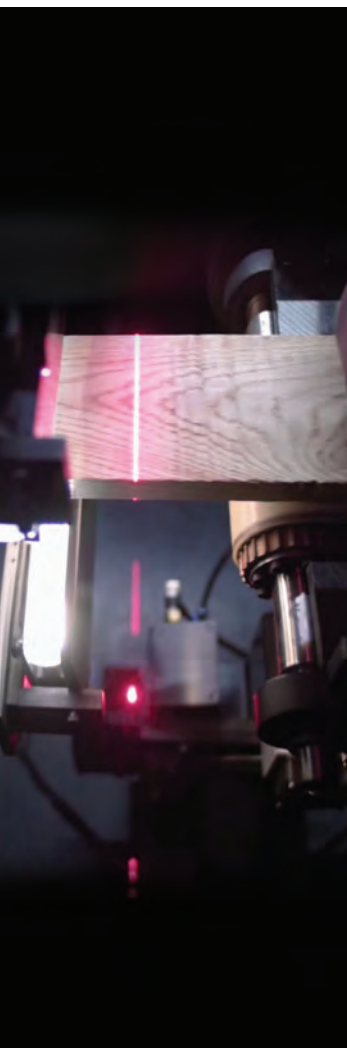


Image courtesy of Mirage



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CUSTOMERS USING



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