Lucidyne

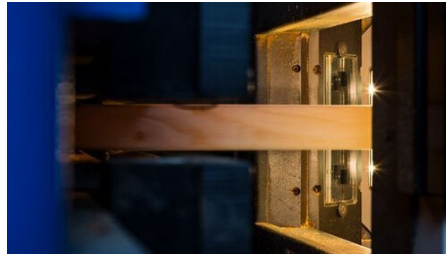High performance lineal scanning for planer mills

Customer benefits

✓ Maximizes fiber and value recovery powered by MiCROTEC Ai

✓ Most complete sensor array in the industry

✓ Best track record of uptime in the industry

✓ Completely configurable, fitting even the most challenging mill layouts

✓ Specialized in North American grading needs

MiCROTEC

The Lucidyne scans boards lineally, using MiCROTEC Ai to grade lumber. With powerful sensors working together as one sensor set, this scanner brings more accuracy and less complication to the scanning process, minimizing downtime, reducing trim loss and increasing product consistency. Specially designed for North American grading needs.

DEEP LEARNING PLATFORM

MiCROTEC Ai

LUCIDYNE
Lineal scanning for grading and sorting solutions

#innovatingwood

Accuracy

With spot-on defect detection delivered by MiCROTEC Ai, grading accuracy becomes near-perfect. Lucidyne minimizes above-grade in all grades. It is not easily fooled by blond rings, compression wood or shallow wane. It separates pitch from pitch-colored knots. It can tell the difference between a bark pocket and bark encasement. Grease spots and blemishes are not called knots. And MiCROTEC Ai does so much more.

Uptime, Uplift & Cost of Ownership

Lucidyne has the best track record of uptime in the industry. Mills with Lucidyne in one mill have replaced competitor scanners in their other mills based on the increased uptime alone. Superior uplift from our MiCROTEC Ai defect detection and our optimization algorithms bring even more value. Plus, Lucidyne has the lowest cost of ownership on the market – fewer parts to replace and less maintenance.

Defect Detection

MiCROTEC Ai completely "re-thinks" the way automated defect detection and grading is done. MiCROTEC Ai is a quantum leap in technology that brings defect detection to a whole new level of accuracy and allows extremely rapid responses to changes in your wood basket.

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.

MiCROTEC

Species

✓ Softwood

Feeding

✓ Lineal

Purpose of scanning

✓ Quality

Technology

✓ 3D Laser

✓ Color

✓ X-ray

✓ MiCROTEC Ai

Technical Data

✓ Speed up to 4500 ft/min

✓ Width up to 12"

✓ Thickness up to 6"

Application

✓ Grading

✓ Sorting

✓ Trimming

Feature

✓ NGR optimization

✓ Cut-in-2

✓ MiCROTEC Connect

Option

✓ QC Assist

✓ Moisture profile

✓ Strength Grading

MiCROTEC

World leading wood scanning solutions

24/7
MiCROTEC
SUPPORT

MiCROTEC
155 SW Madison Ave.
97333 Corvallis, OR
United States

T 541-753-5111
sales@microtec.us
https://microtec.us