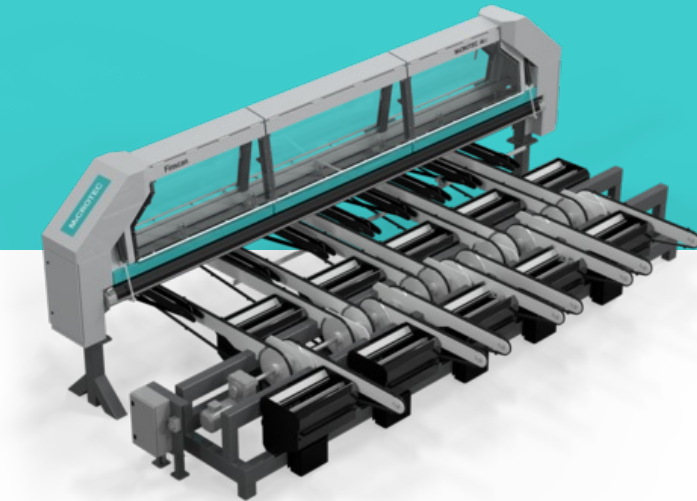# Finscan

Efficient transverse multi-sensor quality scanner

Customer Benefits
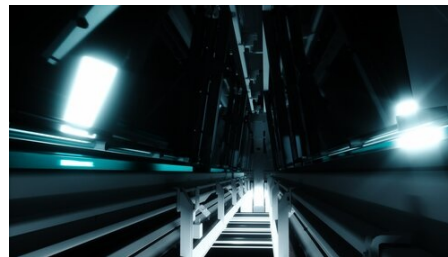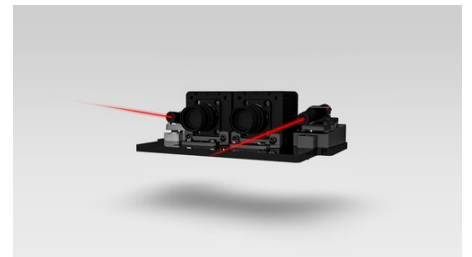
✓ Secures increased value yield and constant quality powered by MiCROTEC Ai

✓ Enhanced wane detection

✓ Full-length real-thickness measurement

✓ 3D module available as upgrade for existing Finscan

✓ Specialized in Northern European species

MiCROTEC

A staple of MiCROTEC's extensive product portfolio, the Finscan grading system is efficient, technically simple and easy to maintain. The transverse scanner is equipped with multiple sensors and related software that make it a perfect choice for any sawmill regardless of size. The Finscan system, specialized in nordic timbers, provides a proven value yield of over 96% at high speeds. New: Finscan 900 - combining the patented Finscan mirror system with the MiCROTEC 3D technology.

New MiCROTEC 3D module and uniform-colored lamps

The new MiCROTEC 3D module with in-house developed Crometic cameras, ensures full-length real thickness measurement and enhanced wane detection. Thanks to the new uniformed colored lamps customers also benefit from a refined color measurement and full integration into the MiCROTEC Ai platform and MiCROTEC Connect. Included in the new Finscan 900 and available as an upgrade to the current Finscan version.

Easy to use

The Finscan system can be used for both green and dry sorting. The system is very user-friendly, with an intuitive interface. Finscan also provides comprehensive web reporting tools for operators, production planners and management.

A patented mirror scanning system

Finscan optimizes and grades boards according to the given quality rules and provides accurate information for board trimming and sorting. Every board is measured on all four sides and a full analysis of the features and defects of sawn timber is ensured.

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.

DEEP LEARNING PLATFORM

MiCROTEC Ai8s

FINSCAN
Efficient transverse multi sensor quality scanner

#innovatingwood

MiCROTEC

Species

✓ Softwood

Feeding

✓ Transverse

Purpose of scanning

✓ Dimensional

✓ Quality

Technology

✓ Color

✓ MiCROTEC Ai

✓ 3D Laser

Technical Data

✓ Speed up to 240 boards/min

✓ Width up to 300 mm/11.8"

✓ Thickness up to 120 mm/4.72''

Application

✓ Sorting

✓ Trimming

Feature

✓ Nordic Timber Grade optimization

✓ MiCROTEC Connect

Option

✓ Simulation suite

✓ Synchronization suite

✓ Moisture profile

MiCROTEC

Finscan Models

Finscan 900

✓ Laser

✓ Color

✓ Patented mirror system

MiCROTEC

World leading wood scanning solutions

24/7
MiCROTEC
SUPPORT

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