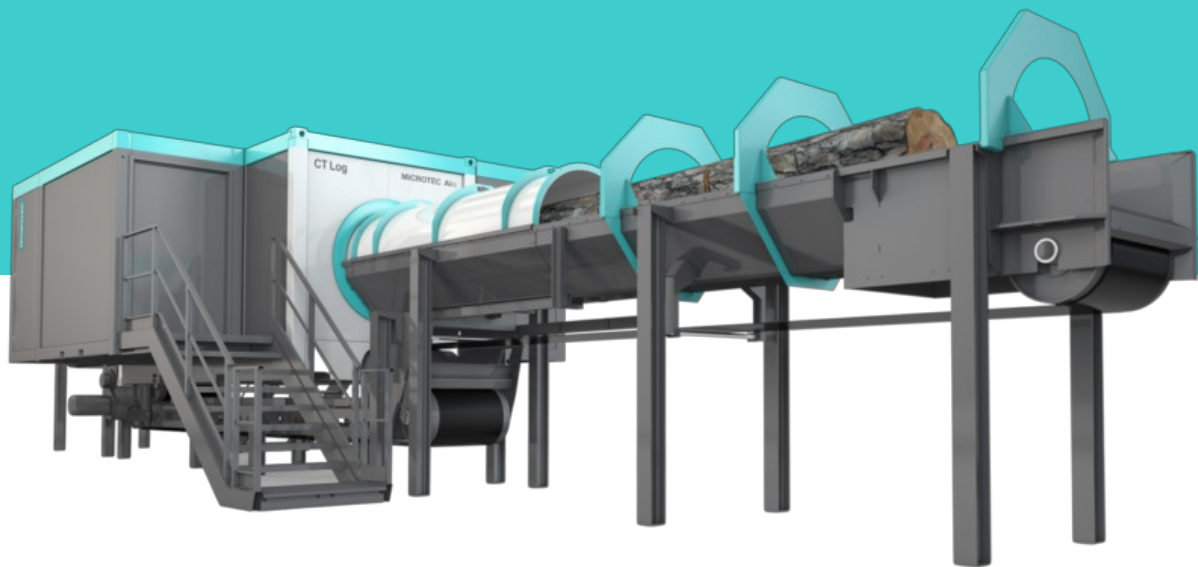


CT Log

World's only computed tomography scanner for logs



Customer Benefits

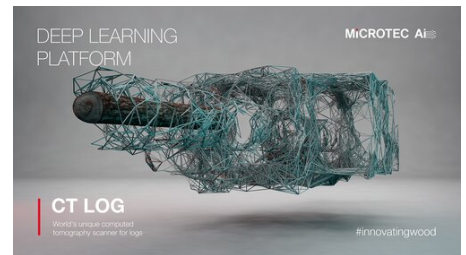
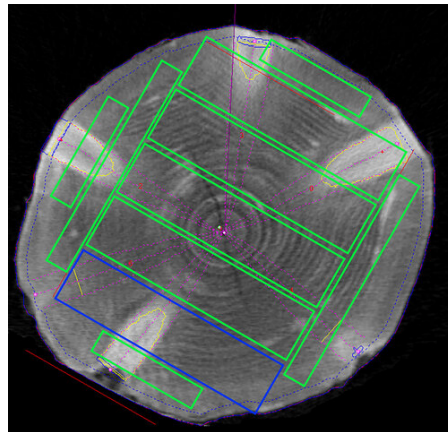
- ✓ Exact three-dimensional internal wood defect detection in size and position powered by MiCROTEC Ai
- ✓ Most effective solution for value & resource optimization
- ✓ Complete and exact virtual boards stock already in the logyard
- ✓ Prediction & optimization of sales values
- ✓ Cut on demand (MiCROTEC Connect)



MiCROTEC's CT Log computed tomography scanner provides a complete reconstruction of the logs' internal features allowing logs to be graded and sorted by quality and optimizes the cutting solution with the highest value in real-time.

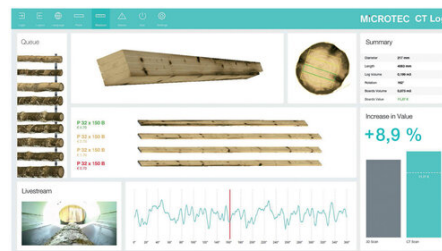
The best cutting strategy

The CT Log scanner provides the size and location of each internal defect of the log, allowing the Maxicut Pro cutting optimizer to find the best cutting solution by grading each virtual board in advance. This not only maximizes the value of the final products, but also creates a virtual stock of boards. You know exactly which boards you will produce at your logyard before cutting!



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.

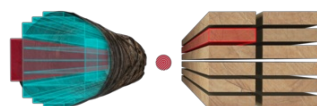


MiCROTEC Connect

As a part of the MiCROTEC Connect solution, CT Log is the starting point for the identification of each log and board throughout the whole production process. CT Log predicts the quality of each board.

Value uplift increase starting from 5%

CT Logs around the world are installed in different lines for different applications and wood species. Depending on the sawmill's production, the value uplift provided by the CT Log starts from 5% to more than 20%.



MiCROTEC Connect

Species

✓ Softwood

✓ Hardwood

Feeding

✓ Lineal

Purpose of scanning

✓ Dimensional

✓ Quality

Technology

✓ X-ray

✓ Computed Tomography

✓ MiCROTEC Ai

Technical Data

✓ Pass-through diameter 900mm/35½"

✓ Speed up to 180 m/min-590 FPM

Application

✓ Sorting and grading

✓ Bucking

✓ Cutting optimization

✓ Fingerprint

Features

✓ Full 3D log description

✓ Quality grading

✓ Strength grading (optional)

✓ Cutting optimization

✓ MiCROTEC Connect

Certification

✓ Sweden (SE)

Options

✓ Simulation suite

World leading wood scanning solutions

MICROTEC
Julius-Durst 98
39042 Bressanone
Italy

T +39 0472 273 611
sales@microtec.eu
<https://microtec.com>

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