



smarti[®]
wood scanning





WS 100 Lumber Compact Scanner

One-side scanning
 Finger joint quality
 Cutting optimization and sorting
 Conveyor belt speed up to 7 m/s
 Knots
 Wanes
 Pockets
 Cracks
 Piths
 Holes
 Resin
 Rotten wood
 Texture
 Blue stains / brown stains (optional)
 Color grading and classification (optional)
 Measurements (height, width, length)
 Max. width/height of lumber - 40 cm
 Edge quality
 Etc.

WS 1000 Lumber Mega Scanner

Up to 4 side scanning
 Cutting optimization and sorting
 Conveyor belt speed up to 7 m/s
 Knots
 Wanes
 Pockets
 Cracks
 Piths
 Holes
 Resin
 Rotten wood
 Texture
 Blue stains / brown stains
 Color grading and classification
 Measurements (height, width, length)
 Max. width/height of lumber - 40 cm
 Edge quality
 Wood density (x-ray)
 Bark pockets (x-ray)
 Pitch pockets (x-ray)
 Visible piths (x-ray)
 Internal holes detection (x-ray)
 Etc.



WS 500 Lumber Cross Scanner

One-side scanning
Cutting optimization and sorting
Conveyor belt speed up to 7 m/s
Knots
Wanes
Pockets
Cracks
Piths
Holes
Resin
Rotten wood
Texture
Blue stains / brown stains (optional)
Color grading and classification (optional)
Measurements (height, width, length)
Max. width/height of lumber - 40 cm
Edge quality
Etc.



WS 3000 Log Scanner

Cutting optimization and sorting
High conveyor belt speed supported
Length
Diameter - from 8 cm to 120 cm
Volume
Curvature
Taper
Bark pockets (x-ray)
Pith pockets (x-ray)
Internal holes (x-ray)
Resin channels (x-ray)
Inside abnormalities like:
nails, shrapnel etc. (x-ray)
Etc.



WS 300 Log Carriage Scanner

Cutting optimization and sorting
High conveyor belt speed supported

Length

Diameter - from 8 cm to 120 cm

Volume

Curvature

Taper

Etc.



Lumber and Log Scanning

Cutting Optimization and Sorting

Increasing Yield and Quality

High Conveyor Belt Speeds

High Accuracy

Artificial Intelligence Technology

Supplier Tracking

And Much More...

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