GoldenEye | Advanced x-ray wood log scanning system for sawmills

High end X-ray technology applied to optimize resource efficiency and value added in sawmills

Goldeneye 300 Multi-Sensor Quality Scanner reliably recognizes wood defects, selects according to strength classes and classifies the wood precisely. The optimization results according to parting and sorting, responding to quality requirements. Goldeneye 300 Multi-Sensor Quality Scanner consists of modules with a color, laser and X-ray scanner to accurately classify wood defects. Goldeneye 300 is connected with the trimming saw and the miter saw to obtain the maximum yield.

MORE DETAILS

CHALLENGE ADDRESSED

5.- Enhance economic and environmental performance of forest supply chains

KEYWORDS

wood processing; scanning; industry 4.0

COUNTRY OF ORIGIN

Italy

DOMAIN

Inventory, monitoring

DIGITAL SOLUTION

Yes

SCALE OF APPLICATION

Cross-border/multi-lateral (several countries)

TYPE OF SOLUTION

Sensors, measurement equipment

INNOVATION

Yes

START AND END YEAR

2013 -

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REFERENCES AND RESOURCES

MAIN WEBSITE

https://microtec.eu/it/applicazioni/applicazioni/goldeneye300/

PROJECT WEBSITE

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PROJECT REFERENCE

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RESOURCES

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LOGO OF BEST PRACTICE

LOGO OF MAIN ORGANIZATION

PROJECT UNDER WHICH THIS FACTSHEET HAS BEEN CREATED

Rosewood 4.0

POST DATE

23 Dec 2021

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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY