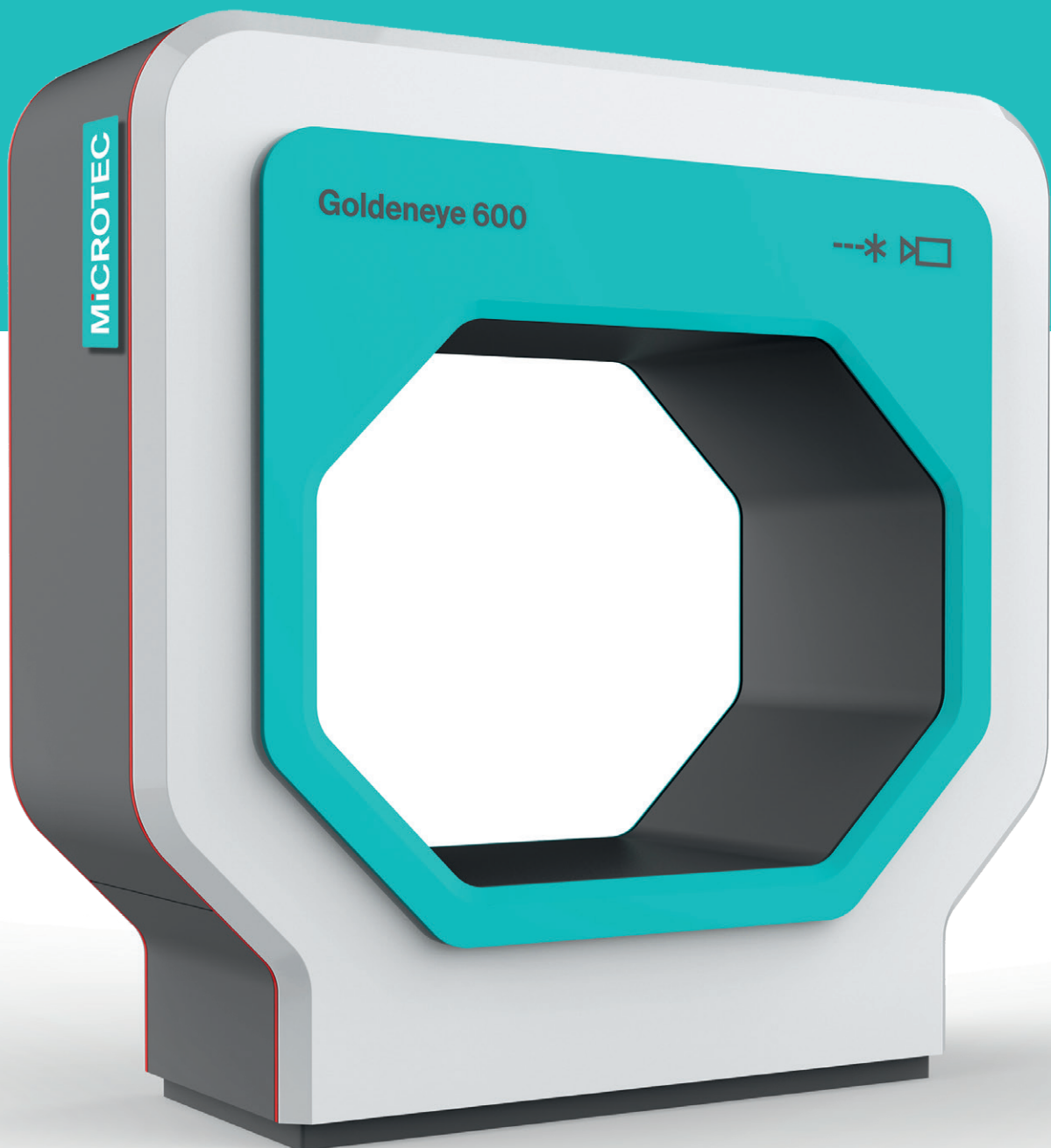


Goldeneye 600

Multi-Sensor Quality Scanner for rip optimization & defect repair



Repair panel defects & optimize ripping

Goldeneye 600 Multi-Sensor Quality Scanner scans large boards and panels up to 1.8 meters wide. Geometric, visual as well as X-ray Multi-Sensor cameras and sensors determine the real value of lumber, including their internal properties. The scanner detects and localizes all types of knots, as well as cracks, discoloration, pitch pockets, bark, pith, wane, distortion, and other dimensional defects. Goldeneye 600 offers two types of applications, namely for sawmill as well as repairing machinery.

Goldeneye 600 Rip Optimization Multi-Sensor Quality Scanner features

- × Color cameras, lasers, and X-ray sensors
- × Recognizes and localizes defects such as knots, cracks, discoloration, pitch pockets, bark, pith, wane, and other dimensional defects.
- × Very low false positive detection rate
- × Ergonomic and compact modular design, 600 up to 1800 mm wide

Production Applications

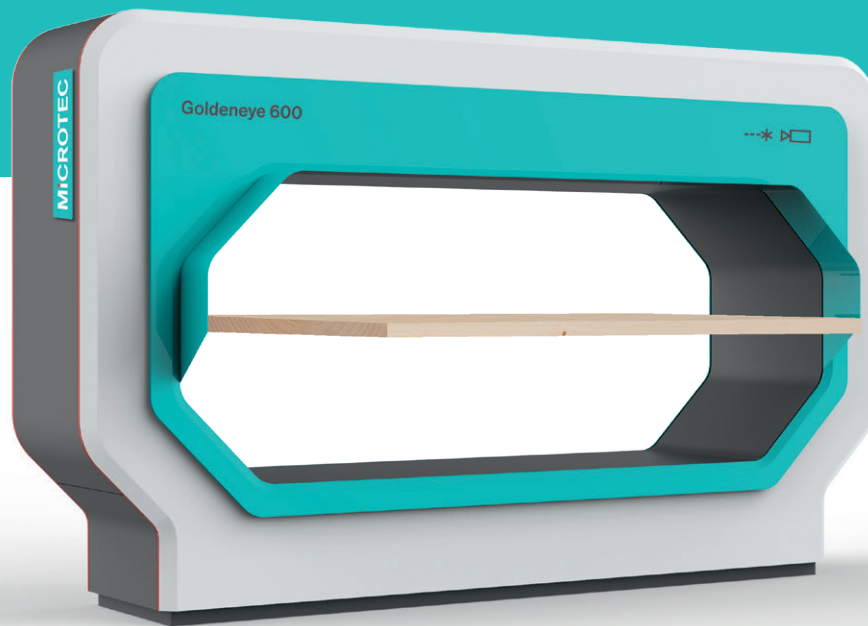
Sawmill

- × Rip/Edger
- × Sorting
- × Trimming
- × NHLA

Repairing Machinery

- × Glue application
- × Boats/Plugs application





Goldeneye 600 panel scanner 1800 mm (70 in) wide

Rip Optimization for sawmill

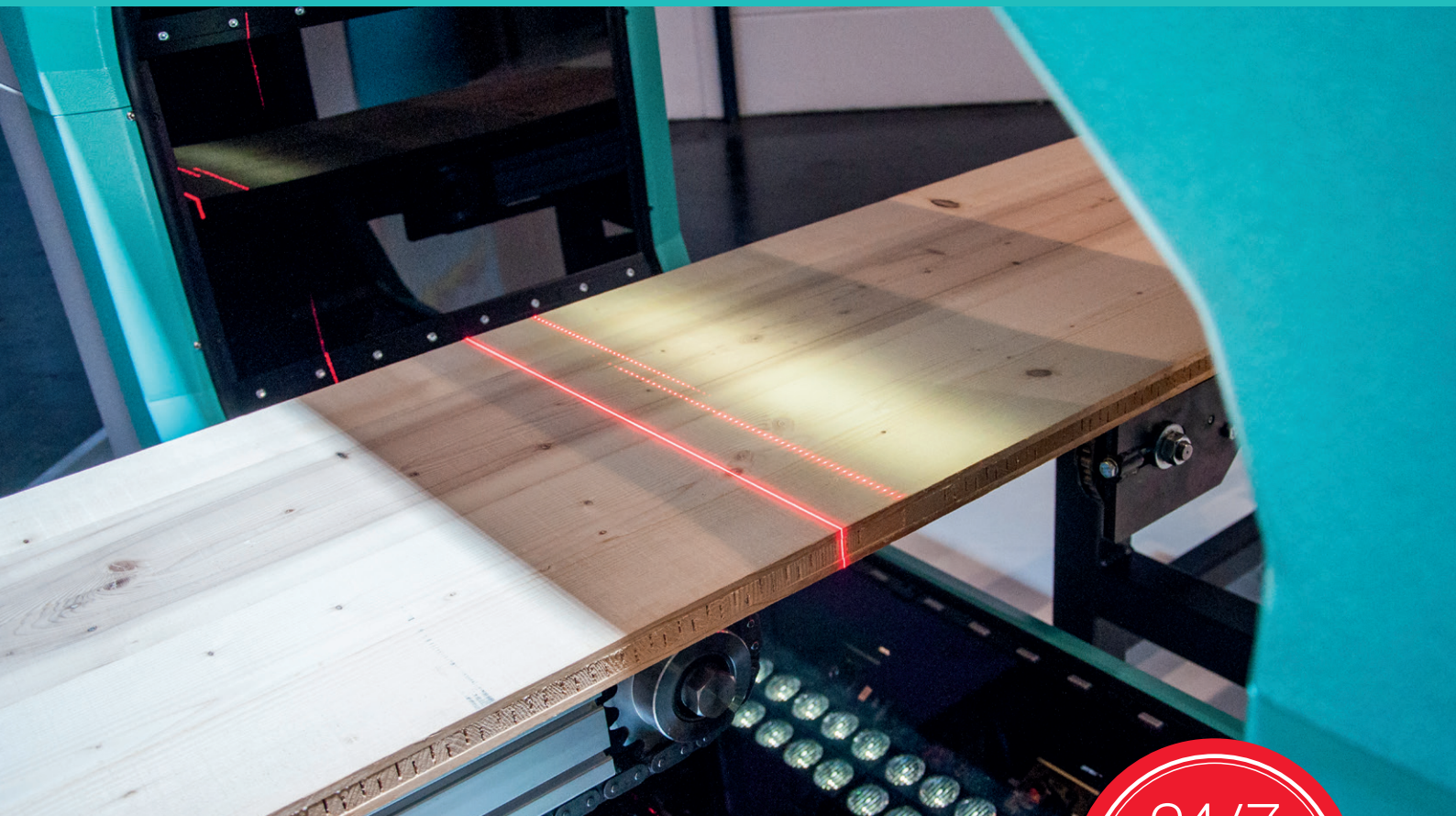
Goldeneye 600 Rip/Edger Optimization Multi-Sensor Quality Scanner can be used for ripping/edging of green or dry lumber. The scanner processes each board property and wood defect on the surface and/or internally by the X-Rays. The optimizer will get the best optimization solution to maximize the final virtual rip&chop solution for customer production by considering all possible combinations from the activated product list. Microtec Rip Optimization allows optimizing ripping according to the highest quality and value of the single board.

Defect repair solution for wood panels

Microtec Goldeneye 600 provides the best system for grading and repairing panels of different wood species and different levels of finishing. Size and position of each defect can be determined precisely, also providing significant savings on putty consumption. After the boards are scanned, they are transferred to a defect repair station. Each defect is routed and filled according to the most efficient movement path of the patching robot. Different processing units mill, glue and repair the respective defects according to scanner specifications. Microtec defect repair solution allows you to achieve a constant quality on your board surface.

Goldeneye 600 features	Goldeneye 601	Goldeneye 602
Dimension (3D laser triangulation)	✓	✓
Grain deviation (laser scatter)	✓	✓
Color	✓	✓
X-ray		✓
Board cross-section	100 × 600 mm (4 × 24 in) up to 100 × 1800 mm (4 × 70 in)*	
Conveyor speed	up to 350 m/min	

* extendible in steps of 300 mm (12 in)



World leading wood scanning solutions



Microtec
Via Julius-Durst Straße 98
39042 Bressanone/Brixen, Italy
T + 39 0472 273 611
info@microtec.eu
microtec.eu

The information contained in this catalog may be
subject to technical changes and modifications.
Design: www.farbfabrik.it
© Microtec. All rights reserved. 05/2019

