



Panel Visual Analyzer R7 - Repairing

**EASY TO ADJUST GRADES TO BE
REPAIRED**



Ultimate analyzer solution for panel repairing needs

Up to 50% repair material saving is achieved by analyzing each panel surface carefully. Our Panel Visual Analyzers R7 - Repairing (formerly known as Mecano VDA Panel Repairing) uses 3D scanners and high-resolution color cameras for achieving the most accurate defect detection. With highly accurate defect detection and defect size measurement, it can minimize the repairing and consumption of the repairing material.

Together with the defect analysis, the analyzer optimizes the repairing routes. These mean saved repair material and maximized capacity and the highest possible end-product quality. Our R7 analyzer is the perfect solution for the Raute's Panel Repairing Line R7 but can also be used for panel grading purposes. Multiple recipes for different products are handled and tuned through the easy-to-use touch screen user-interface.



Key benefits



**MAXIMUM
PRODUCTION
CAPACITY**



**USES 20% LESS
REPAIRING
MATERIALS THAN
TRADITIONAL
REPAIRING METHODS**



**SMALL SPACE
NEEDED**



**IMPROVE
PRODUCTION
EFFICIENCY**



Technical specifications

	3D Surface
Available sizes (ft)	5 - 8
Grading accuracy	>95%
Color defects (e.g. Knot, wane)	●
Surface defects (e.g. Roughness, overlap)	●
Dark defects (e.g. Dark wane, Dark knot)	●
Face Veneer Thickness (mm)	1.0– 4.2
3D defects (e.g. Hole, Split)	●

Analyzers for Panel Handling

Ensure the panel quality in the final pass

Raute's products cover all technologies for panel handling.

Panel repairing can help you achieve the best possible smooth surface quality. Ecological and efficient panel repairing is at the heart of our development. Panel repairing visual analyzers are designed to identify repairable defects on any plywood and optimize panel repairing efficiency. Repairing the defects maximizes the panel's end quality and value, enabling better recovery for the whole mill.

Panel testers allow you to test your panels to evaluate and improve their quality, strength and stiffness. Using a panel tester ensures that your final product meets the structural standards. Testing your panel properties in-house also makes it easier and quicker to check lay-up formulas and ensure that your design properties are maintained.



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Making Wood Matter