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Veneer Visual Analyzer R7 - Patching

OPTIMIZE THE PATCHING PROCESS TO MAXIMIZE PRODUCTIVITY

Patch your veneer sheets to the desired quality grade

Accurate machine vision detects the dimensions and different types of defects on the veneer sheet. Veneer Visual Analyzer R7 (formerly known as Mecano VDA) has multiple features to optimize veneer patching. Intelligent patching algorithms optimize the number of patches and the patching route to maximize the patching line capacity.

The analyzer allows you to control the number of patches, for example, pcs/m², which is a limiting factor in some quality grades. The R7 series visual analyzer is specially designed for patching face veneer to maximize the value of your veneer sheets. It can be also used for grading face veneer sheets in cases when there are not enough bins for different grades in the dry veneer grading line.

Veneer Visual Analyzer R7 offers different detection technologies to match your needs. You can select the imaging method of the three available models: color, micro, or surface.

Key benefits

MAXIMIZE FACE VENEER RECOVERY

IMPROVE VENEER QUALITY

MAXIMIZE THE PATCHING LINE CAPACITY AND EFFICIENCY

All data subject to change

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Technical specifications

	Surface	Micro	Color
Veneer thickness (mm)	0.5 – 4.2	0.5 – 4.2	0.5 – 4.2
Available sizes (ft)	5 - 10	5 - 10	5 - 10
Grading accuracy	>95%	>95%	>95%
Color defects (e.g. Knot, wane)	●	●	●
Micro defects (e.g. Crack, pin hole)	●	●	●
Surface defects (e.g. Roughness, overlap)	●	●	●

Analyzers for Veneer Patching

Produce high-quality veneer with intelligent analyzers

Utilizing analyzers at the patching line helps maximize face veneer recovery and produce consistent high-quality veneer over four times faster compared to manual patching. You can easily improve the quality of your veneer sheets with patching and increase the profit at the same time.

Visual analyzers detect the patchable defects and geometrical features of the veneer sheet and provide a variety of parameters to control the patching. The analyzers grade the sheets at the same time and ensure that your veneer meets all quality standards.