

Veneer Visual Analyzers R5 - Lay-up

**PERFECT SOLUTION FOR VENEER  
VISUAL QUALITY CHECK AT  
PLYWOOD LAY-UP LINE**



## Ensure high-quality panel and minimize panel rejections

Veneer Visual Analyzer R5 - Lay-up (formerly known as Mecano VDA-A Lay-up) is equipped with a high-accuracy camera system and industrial light system for optimized veneer dimension and defect detection. The analyzers ensure that veneer sheets are visually suitable for lay-up and automatically reject any sheets that are not.

Veneer Visual Analyzer R5 is fully compatible with Rautes' digital tools. These tools provide comprehensive data from essential elements of your veneer production, improving your overall production efficiency as also lay-up efficiency.

## Key benefits



IMPROVE  
PRODUCTION  
EFFICIENCY



INCREASE PROFITS

# Technical specifications

	Dark	Open
Veneer thickness (mm)	0.5 – 4.2	0.5 – 4.2
Available sizes (ft)	4 - 8	4 - 8
Grading accuracy	>95%	>95%
Open defects (e.g. Hole, Fishtail)	●	●
Dark defects (e.g. Dark wane, Dark knot)	●	

# Analyzers for Plywood Lay-up

## Minimize panel rejections and delamination at hot pressing

Utilizing analyzers at plywood lay-up line improves process efficiency. Without analyzers, operators need to monitor veneer sheets visually. For the human eye, evaluating veneer dimensions visually in a short amount of time is difficult which can lead to panel rejections due to wrong veneer sizes.

At the lay-up line, visual analyzers monitor the dimensions of veneer sheets and automatically reject any broken or otherwise disqualified sheets. Moisture analyzers monitor that all sheets are dry enough for hot pressing. Utilizing analyzers minimizes panel rejects due to delamination or undersized veneer sheets and releases the operator time for other tasks.

Visual and moisture properties can be analyzed with individual or integrated analyzers. Utilizing integrated analyzers saves floor space and money.



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Making Wood Matter