



# Veneer Visual and Moisture Analyzer R5 - Lay-up

**MAXIMIZES LVL PRODUCTS QUALITY  
WITH INTEGRATED DATA**



## Improve production efficiency in the lay-up process

Veneer Visual and Moisture Analyzer R5 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. It also confirms that the veneer is at the correct moisture for hot pressing, minimizing the risk of delamination and rejected end products.

Veneer Visual and Moisture Analyzer R5 are 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, and giving you a broad view of the mill's performance.

## Key benefits



IMPROVE  
PRODUCTION  
EFFICIENCY



INCREASE PROFITS



MINIMIZE AMOUNT OF  
REJECTED END  
PRODUCTS



## Technical specifications

	Dark	Open
Veneer thickness (mm)		0.5 – 4.2
Available sizes (ft)	4 - 8	4 - 8
Grading accuracy	>95%	>95%
Moisture Sensors (pcs)	8 - 16	8 - 16
Moisture Range (mc)	5% - 20%	5% - 20%
Moisture Accuracy (mc)	±3%	±3%
Open defects (e.g. Hole, Fishtail)	●	●
Dark defects (e.g. Dark wane, Dark knot)	●	●
Face Veneer Thickness (mm)	0.5 – 4.2	

# Analyzers for LVL Lay-up

## Minimize panel rejections and delamination at hot pressing

Utilizing analyzers at LVL 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. When the analyzers monitor the sheets, the line operator can concentrate on 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