Veneer Visual and Moisture Analyzers R5 - Lay-up

MAXIMIZES END 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 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, and giving you a broad view of the mill's performance.

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%
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)	●	

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.