



# Visual Analyzers for Veneer Scarf-Jointing

**MINIMIZE PANEL REJECTS BY  
ACCURATE VISUAL ANALYSIS**



## Increase production efficiency by utilizing analyzer data

Visual analyzers detect the defects and geometrical features of the veneer and control the scarfing. They are also utilized for veneer alignment, edge trimming, and veneer grading. Visual analyzers enable adjusting the scarf saw to an optimal position as no extra sawing is required. This produces thousands of veneer sheets more per year as saved raw material.

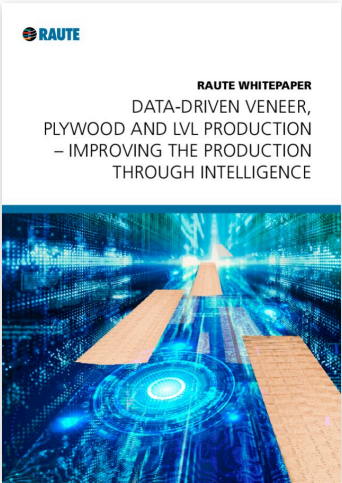
Utilizing a visual analyzer at the scarf-jointing line enables the downgrading of veneers that are not suitable for scarf-jointing. Forwarding these unsuitable veneers to composing improves the quality of scarf-joint veneer sheets and problems with too narrow sheets in the end product can be minimized.

Visual analyzers also provide accurate data to be used as feedback to the dry veneer grading: grading parameters can be adjusted if the downgrading at the scarf-jointing line is too high. The feedback data can also be transferred to the peeling line if the veneer cutting dimensions are incorrect. Analyzers and the use of data minimizes the need for manual labor, reduces production costs, and improves production efficiency.

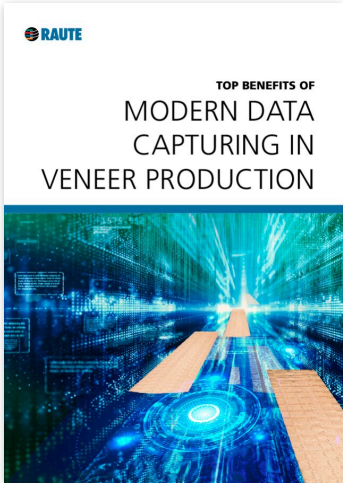
Improve the scarf-jointing with accurate visual analysis:

- When you want capacity that can be upgraded effortlessly and a line that allows modernization through process-specific updates, R5-Series is your solution.

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# Veneer analyzers

## Veneer grading makes perfect

It all starts from centering the blocks in the charger, followed by detecting the visual, moisture, and strength properties of the veneer - that is what veneer analysis is made of. Modern analyzers grade the raw material, make different kinds of process optimizations, and gather valuable information about the production. With all this data and knowledge, it is possible to achieve your goals, whether that is maximizing the recovery, producing more face veneer, or increasing your profits.

Overall process control can be achieved with data gathered from different process phases. Feedback between different functions gives valuable insight into the possible production bottlenecks and how to overcome them. With accurate analysis and the right information, you can maximize the raw material utilization rate and increase the overall production recovery while producing high-quality end-products.

Raute offering includes veneer analyzers for all functions from peeling and drying to different veneer handling functions. Our analyzers are designed to fulfill your most demanding grading needs. These intelligent analyzers help you make the most of your veneer production and maximize the overall recovery and efficiency of the mill.



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