



Visual and Moisture Analyzers for  
LVL Lay-up

**SECURE THE HIGH-QUALITY OF END  
PRODUCTS**



## Take full advantage of integrated data and enjoy the results

Visual analysis of veneer is the most common form of analysis, but why settle for it when you can have visual and moisture analysis in one compact system? Using data from multiple measurements instead of a single measurement ensures the best end-product quality.

Visual analyzers detect the defects and geometrical features of the veneer sheets. They ensure the dimensions of the veneer sheets are correct and automatically reject any sheets that are not suitable for the panel. Utilizing machine vision ensures consistent and high end-product quality and minimizes labor costs.

Combining visual information with moisture analysis gives additional benefits and leads to more efficient production. Moisture measuring ensures that veneers with too high moisture content are rejected before the hot pressing. This minimizes panel rejects caused by delamination. Accurate moisture measurement also allows the optimization of the glue spread rate, which leads to savings in glue costs.

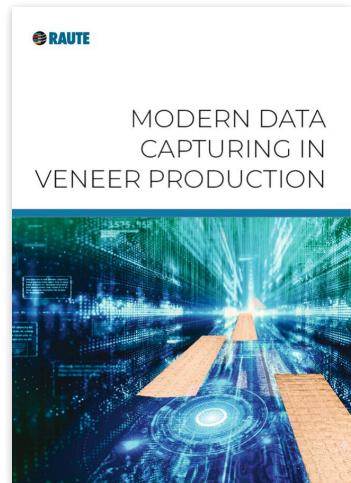
Improve the lay-up process with integrated visual and moisture analysis:

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

## Downloadable material



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# LVL Analyzers

## Analyzers for optimizing LVL production

Analyzers revolutionize LVL production by improving the overall efficiency of the entire mill. Data collected by the analyzers maximizes material utilization and minimizes process waste which leads to increased recovery.

LVL analyzers exceed by far the defect detection and grading accuracy possible to the human eye. Instead of inconsistent manual labor with high expenses, analyzers help you to produce high-quality LVL consistently in all conditions.

Modern analyzers grade the raw material 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 higher-quality LVL, 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 analyzers for different process phases of LVL production from veneer peeling to LVL lay-up. Our analyzers are designed to fulfill your most demanding grading needs. These intelligent analyzers help you make the most of your LVL production and maximize the overall recovery and efficiency of the mill. Analyzers for the LVL veneer production can be found in the veneer analyzers section.



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Making Wood Matter