



# Strength Analyzers for Veneer Drying

## ACCURATE STRENGTH GRADING TO SECURE PLYWOOD AND LVL PROCESS



## Produce high-quality structural wood products

The purpose of strength analysis is to sort the veneers into different strength grades after drying. Strength grading is needed to produce products that require structural strength such as LVL. Selecting veneer sheets that meet a certain strength ensures that the end product meets the requirements set by standards. Grading the sheets correctly enables producing stronger engineered wood products.

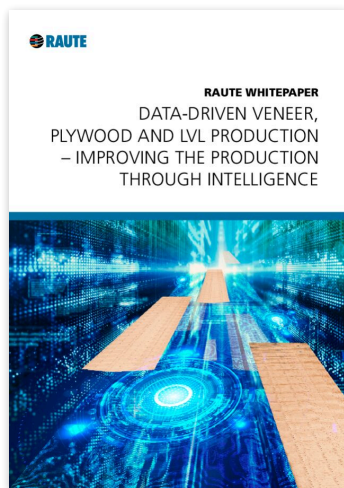
Grading sheets to different strength grades ensures the most resource-efficient way for using veneer. Lower-grade sheets can be utilized for the inner layers of a laminated product, while the higher-grade sheets can be used for outer layers. This way the raw material is used efficiently, which maximizes veneer value and increases revenue.

Raute R7 series strength analyzer is perfect for the most demanding strength grading needs:

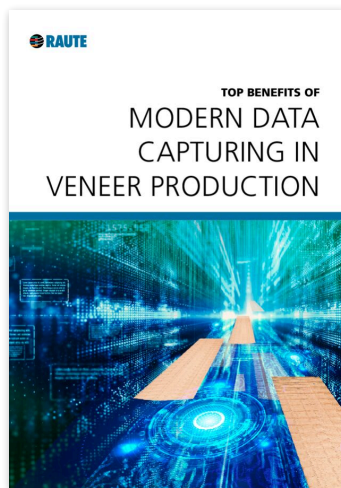
- Put automation and machine vision in full use with R7-Series and master your productivity with high speed.



## Downloadable material



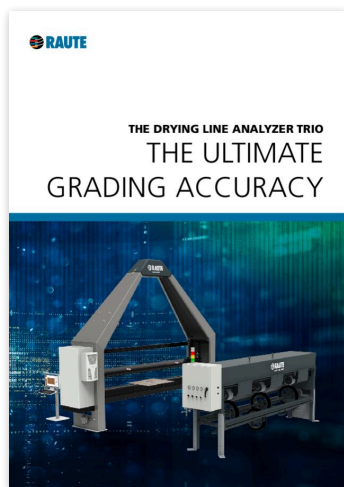
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# Veneer analyzers

## 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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