RAUTE

Visual Analyzers for Veneer Composing

IMPROVE RECOVERY AND CAPACITY WITH VISUAL DEFECT DETECTION



Smart clipping enables making the most of your veneer sheets

Visual analyzers detect the geometrical features and the defects of the veneer sheet. The best possible clipping point is defined by the analyzer and the information is forwarded to the composer to execute the cut. The clipping decisions are based on pre-defined grading rules.

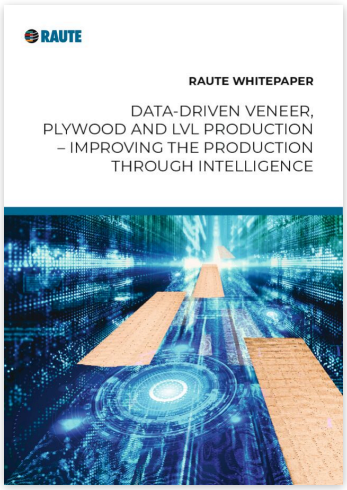
Different visual analyzers are suited for different composer types. The R7 series analyzer is suitable for all composer types ranging from face to core composers. It offers all available optimization features combined with the best imaging methods. The R5 series analyzer is suitable for core veneer composing.

There are many visual analyzers to choose from:

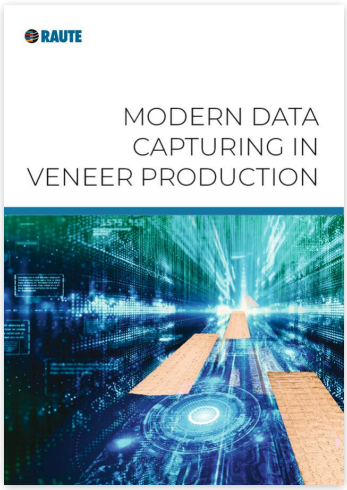
- When you want capacity that can be upgraded effortlessly and a line that allows modernization through process-specific updates, R5-Series is your solution.
- Put automation and machine vision in full use with R7-Series and master your productivity with high speed.



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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.