RAUTE

Visual Analyzers for Veneer Drying

CONSISTENT VISUAL GRADING FOR DRY VENEER GRADING NEEDS

Grade veneer accurately to maximize the profits

Visual grading of the dried veneer is an extremely important production phase, especially for face grade veneers. Grading a sheet to a lower grade may decrease the value of the sheet by 50 %, which makes accurate grading essential for a profitable business.

Visual analyzers detect the defects and geometrical features of the veneer and grade the sheets accordingly. Grading can be done accurately for all wood species. Utilizing machine vision ensures accurate and consistent grading and minimizes labor costs compared to manual grading.

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.

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.