RAUTE

Visual Analyzers for Plywood Lay-up

CONSISTENT VISUAL GRADING TO MINIMIZE PANEL REJECTIONS



Secure lay-up efficiency to maximize the profits

Plywood lay-up is an important production phase because problems that lead to panel rejections come with a high price tag. For this reason, utilizing visual analyzers to avoid such problems is an efficient and cost-effective way to minimize panel rejections due to wrong veneer sizes.

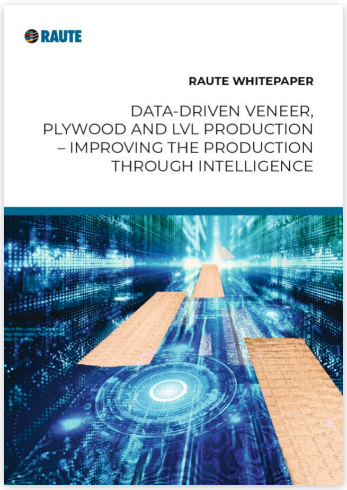
Visual analyzers detect the defects and geometrical features of the veneer sheets and control the lay-up. They ensure the dimensions of the veneer sheets are correct and automatically reject any sheets that are not suitable for the panel. Utilizing machine vision ensures consistent and high panel quality and minimizes labor costs compared to lay-up without utilizing visual analyzers.

Improve the lay-up process with accurate visual analysis:

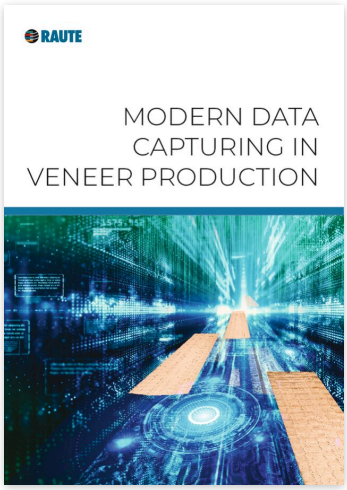
- When you want capacity that can be upgraded effortlessly and a line that allows modernization through process-specific updates, R5-Series is your solution.



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Plywood analyzers

Grading makes perfect

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

Plywood 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 plywood consistently in all conditions.

Modern analyzers 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 plywood, 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 plywood production starting from veneer peeling to plywood lay-up and different panel handling functions. These intelligent analyzers help you make the most of your plywood production and maximize the overall recovery and efficiency of the mill.