# RAUTE

Veneer Visual and Moisture
Analyzer R5 - Drying

## VISUAL AND MOISTURE ANALYSIS IN ONE COMPACT SYSTEM

# Compact analyzer for random and core veneer grading

This analyzer with integrated visual and moisture analysis is an affordable solution for lower capacity lines. It is best suited for grading core veneer and random size sheets. Accurate machine vision detects the dimensions and different types of defects on the veneer sheet. At the same time, the analyzer grades the sheets to different grades according to the moisture content.

Veneer Visual and Moisture Analyzer R5 offers different detection technologies to match your needs. You can select the imaging method of the two available models: open or dark. Moisture is measured by the contacting brushes and the moisture analysis defines peak and average moisture on the veneer sheets.

# Key benefits

**EASY AND FAST INSTALLATION AND START-UP**

**SMALL SPACE REQUIREMENT**

**IMPROVE PRODUCTION EFFICIENCY**

**IMPROVE VENEER QUALITY**

All data subject to change

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# References



CHINA

## Guangxi Guoxu Spring Woodbased Panel Co., Ltd.

Raute has delivered modern, high technology veneer production lines with high-quality analyzers to Guoxu Spring Woodbased Panel Co., Ltd in South China.



Read more

## Images and videos

VIDEO



Link to video content

# Technical specifications

| | Dark | Open |
|---|---|---|
| Veneer thickness (mm) | 0.5 – 4.2 | 0.5 – 4.2 |
| Available sizes (ft) | 4 - 8 | 4 - 8 |
| Grading accuracy | >95% | >95% |
| Moisture Sensors (pcs) | 8 - 16 | 8 - 16 |
| Moisture Range (mc) | 5% - 20% | 5% - 20% |
| Moisture Accuracy (mc) | ±3% | ±3% |
| Open defects (e.g. Hole, Fishtail) | ● | ● |
| Dark defects (e.g. Dark wane, Dark knot) | ● | ● |

# Analyzers for Veneer Drying

## Grade the sheets accurately for the following process phases

At the drying line, it is crucial to grade the sheets correctly to forward them to the next process phases. The best solution is to let intelligent analyzers do the grading for you to secure consistent and smart decisions. Analyzers also provide valuable data from the drying process. The data helps you improve production and optimize the drying result which leads to better veneer quality and higher profit.

Modern analyzers grade sheets based on visual properties, moisture content, strength, and density of the veneer. Different properties can be analyzed with individual or integrated analyzers. Our integrated analyzer solutions combine the features of two or even three analyzers into one compact system. Utilizing integrated analyzers saves floor space and money and what's most important, improves grading accuracy.