Veneer Visual Analyzer R7 - Drying

VISUAL ANALYZER FOR THE MOST DEMANDING GRADING NEEDS

Sort your veneer accurately for the next process phases

Accurate machine vision detects the dimensions and different types of defects on the veneer sheet. Based on this information, the visual analyzer sorts the sheets into different grades. Veneer Visual Analyzer R7 (formerly known as Mecano VDA) has multiple optimization features to further improve veneer production. For example, you can maximize the amount of valuable face veneer or utilize virtual composing and patching to decide the most profitable way to handle the veneer.

Veneer Visual Analyzer R7 offers different detection technologies to match your needs. You can select the imaging method of the three available models: color, micro, or surface.

If you are also interested in analyzers for moisture and strength grading, our integrated R7 series analyzers are the perfect match for your needs.

Key benefits

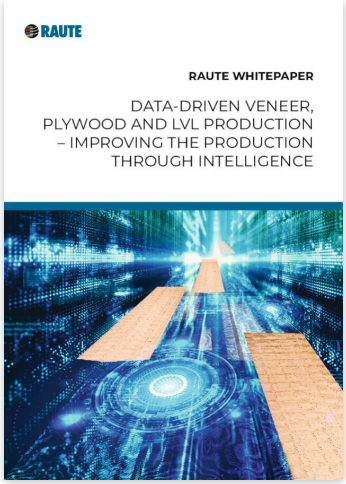
MAXIMIZE FACE VENEER RECOVERY

REDUCE THE REJECT RATIO IN THE FOLLOWING PROCESS PHASES

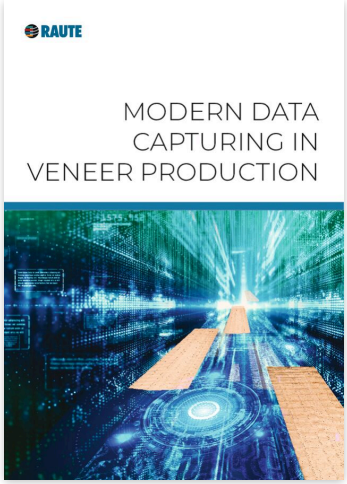
IMPROVE PRODUCTION EFFICIENCY

RAUTE
RAUTE

Downloadable material

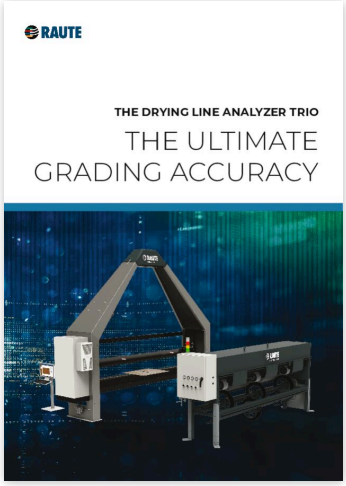


Download PDF



Download PDF

Download PDF



Download PDF

Technical specifications

	Surface	Micro	Color
Veneer thickness (mm)	0.5 – 4.2	0.5 – 4.2	0.5 – 4.2
Available sizes (ft)	5 - 10	5 - 10	5 - 10
Grading accuracy	>95%	>95%	>95%
Color defects (e.g. Knot, wane)	●	●	●
Micro defects (e.g. Crack, pin hole)	●	●	○
Surface defects (e.g. Roughness, overlap)	●	○	○

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.