



Veneer Visual and Moisture Analyzer R7 - Peeling

VISUAL AND MOISTURE OPTIMIZATION IN ONE INTELLIGENT SYSTEM



Proper visual and moisture grading maximizes veneer quality

Accurate machine vision detects the dimensions and different types of defects on the veneer ribbon. Based on data, the analyzer optimizes clipping to achieve the best possible veneer recovery. At the same time, the analyzer grades the sheets to different grades according to the moisture content. Accurate grading leads to optimized drying and improved veneer quality by allowing optimized drying parameters for each grade.

Veneer Visual and Moisture Analyzer R7 (formerly known as Mecano VCO+MVA-G) offers different detection technologies to match your needs. You can select the imaging method of three available models: color, micro, or surface. Moisture analysis is based on microwave technology.



Key benefits



**MAXIMIZE VENEER
RECOVERY**



**PRODUCE MORE
FULL-SIZE VENEER
SHEETS**



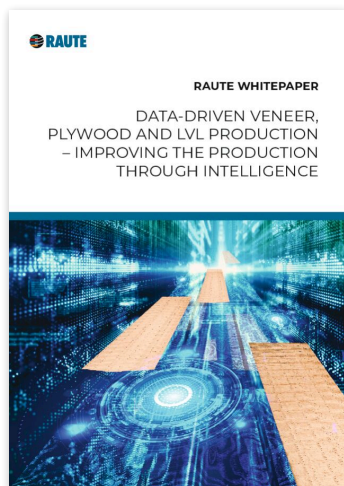
**IMPROVE DRYING
CAPACITY**



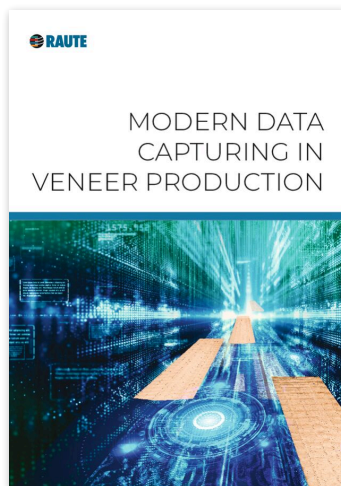
**MAXIMIZE VENEER
QUALITY**



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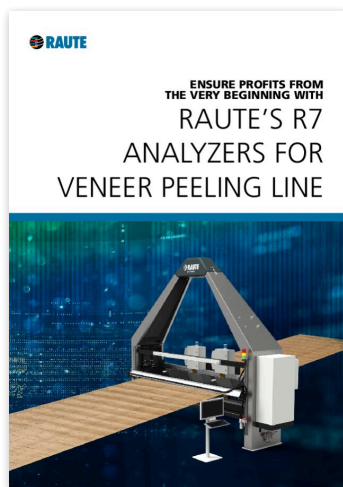
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Technical specifications

	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)	●	●	●
Moisture Sensors (pcs)	5 - 10	5 - 10	5 - 10
Moisture Range (mc)	50% - 150%	50% - 150%	50% - 150%
Moisture Accuracy (mc)	±15%	±15%	±15%

Analizers for Veneer Peeling

Analizers make the most of your raw material starting at the peeling line

Peeling is the first process phase in veneer production. It is also one of the most important process phases, so it truly makes a difference in what happens at the peeling line.

Multiple things can be measured with analyzers to enhance the peeling process. Optimize block centering with intelligent analyzers to maximize veneer recovery. Visual analyzers detect the best possible point for each cut based on the visual defects and the veneer dimensions. Moisture analyzers enable sorting the veneer sheets for different moisture grades to maximize drying capacity.

Some analyzers do this all and even strength analysis at once. Take a look at our integrated analyzer solutions which combine the features of two or even three analyzers into one compact system.



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Making Wood Matter