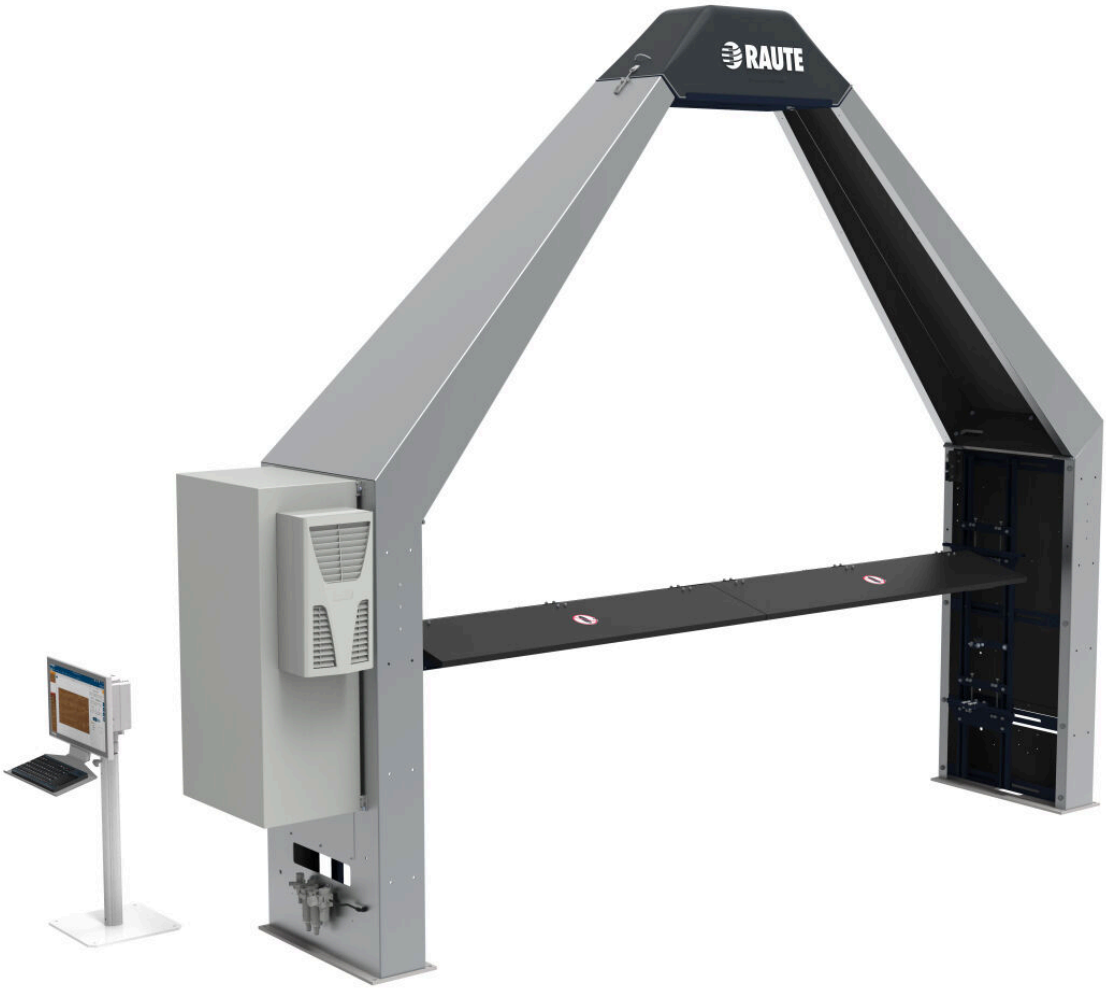
RAUTE

Veneer Visual Analyzer R5 - Peeling

HEAVY DUTY VENEER CLIPPING OPTIMIZER



Ensure high veneer quality and recovery with accurate visual clipping control

Veneer Visual Analyzer R5 - Peeling (previously known as VCA) offers an industry standard visual clipping optimization system. Accurate defect detection of open and dark defects combined with advanced control software makes sure that clipping is controlled optimally to achieve maximum recovery. The system has different clipping strategy settings available for various production needs. The defect and clipping parameters are visually presented in the user interface and easily adjusted through the touch screen. Developed over many years and based on hundreds of deliveries, this system is a solid and rugged solution for any peeling line.

Veneer Visual Analyzer R5 – Peeling can be installed on the peeling line of any manufacturer.

Key benefits

INCREASE VENEER RECOVERY

INCREASE PRODUCTION EFFICIENCY

Technical specifications

	Dark	Open
Veneer thickness (mm)	0.5 – 4.2	0.5 – 4.2
Available sizes (ft)	4 - 8	4 - 8
Open defects (e.g. Hole, Fishtail)	●	●
Dark defects (e.g. Dark wane, Dark knot)	●	●

Analyzers for Veneer Peeling

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

Veneer peeling is the first and one of the most influential phases in veneer production. The decisions made here define the efficiency, recovery, and quality of all downstream processes. That's why optimizing the peeling line begins with understanding the raw material and its features with the highest possible accuracy.

Intelligent analyzers measure multiple parameters to enhance peeling performance. Visual analyzers detect the best clipping point based on defects and veneer dimensions, moisture analyzers sort sheets into the correct moisture grades to maximize drying capacity, and centering analyzers optimize block alignment for the highest recovery. Some integrated solutions combine all these capabilities, even strength analysis, into a single compact system.

AI takes this optimization further. At the veneer peeling line, AI accurately detects challenging round-up defects such as bark, as well as defects suitable for patching. With extremely precise clipping and grading, AI helps improve raw material utilization and raise overall quality recovery before the sheets even reach the stacker. Instead of removing low-recovery veneer later at the core composer, mills can start making smarter decisions already at the first process step.

To support even more informed decisions, Raute analyzers also offer built-in patching, composing, and drying simulations. These tools let you evaluate how veneer will behave in later phases and ensure that only material suited for your production needs moves forward. For example, core composing simulations at the peeling line help you manage future recovery levels and control veneer inventory, improving mill-wide efficiency.

Take a look at our integrated analyzer solutions, which combine the features of two or even three analyzers, now including AI-enhanced defect detection and grading, into one compact system.