Veneer Visual Analyzer R5 - Scarf-Jointing

INCREASE END PRODUCT QUALITY WITH A HIGHER YIELD

Improve the quality of joint veneer sheets and end products

Veneer Visual Analyzer R5 - Scarf-jointing(formerly known as Mecano VDA Scarf-jointing) detects the defects and geometrical features of the veneer and controls the scarfing. It ensures that the veneer sheet is suitable for scarf-jointing: the dimensions are sufficient, and no pieces have come off during processing or transportation.

The analyzer is equipped with a high-accuracy camera system and industrial light system for optimized defect detection. Advanced software includes multiple parameters for optimizing recovery and quality. It maximizes recovery by optimal veneer alignment and cutting veneer as little as possible when its size and shape are known. Almost an unlimited number of different recipes can be saved for different products. Those can be easily adjusted through the touch screen user-interface.

Veneer Visual Analyzer R5 is fully compatible with Rautes´ digital tools. These tools provide comprehensive data from essential elements of your veneer production, improving your overall production efficiency. The data can also be used as feedback to the dry veneer grading: grading parameters can be adjusted if the downgrading at the scarf-jointing line is too high.

Key benefits

MAXIMIZE VENEER RECOVERY

OPTIMIZE PRODUCTION EFFICIENCY

Technical specifications

	Open
Veneer thickness (mm)	0.5 – 4.2
Available sizes (ft)	5 - 10
Grading accuracy	>95%
Open defects (e.g. Hole, Fishtail)	●

Analyzers for Veneer Scarf-Jointing

Analyzers help you make the most of your raw material

Scarf-jointing is a great way to improve your veneer production and to maximize the raw material utilization rate. Analyzers for veneer scarf-jointing enable improved utilization of short blocks. At the scarf-jointing line, long-grain core veneers are jointed together from the short-length veneer.

Analyzers are the key factor for the efficient scarfing process. Without analyzers at the scarf-jointing line, operators working manually may not downgrade broken sheets and sheets with a major shape error. Another problem may be that the veneer sizing saw is set to cut some extra from every veneer to ensure that the scarf quality is good. Extra sawing causes raw material losses that can easily be minimized with the help of analyzers.