

CLEARCUT SERIES

60mm Wide Adjustable Applicators for Edgebanding Processes

Featuring an enclosed adhesive system, Valco Melton's ClearCut Series prevents adhesive degradation associated with previously existing roller systems, making it the ideal solution for working with PUR. By controlling the exact amount and placement of the adhesive on the board, the glue excess commonly found on board edges when using roller systems is completely eliminated. This results in a flawless end product, with minimal material and adhesive waste. Designed for intermittent applications, ClearCut Series hot melt guns are well-suited for use in wood sealing and edgebanding processes, and are available with either manual or motorized width adjustment systems.

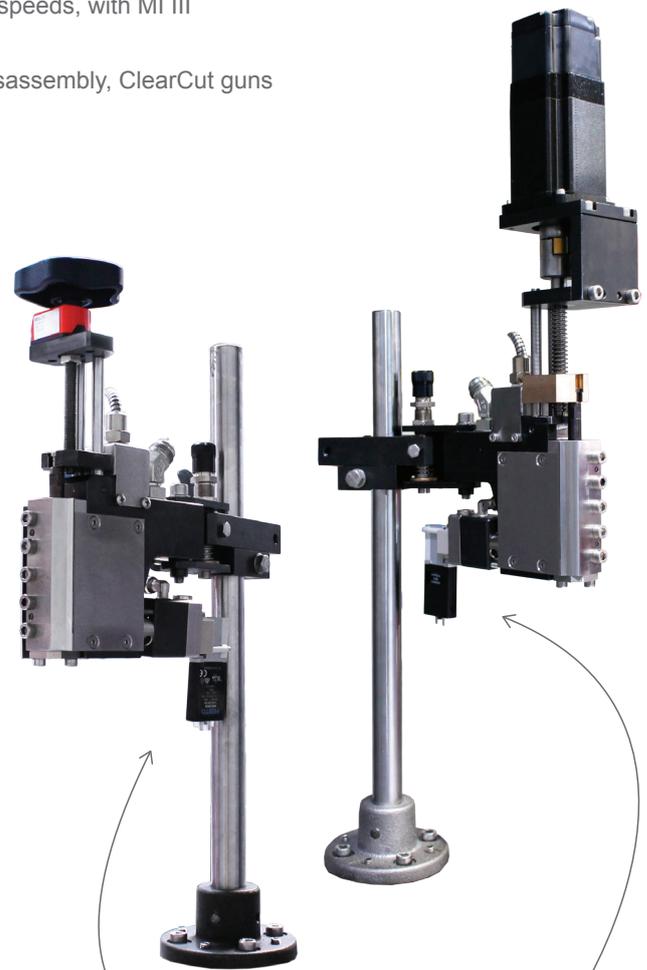
Benefits:

- Eliminate PUR degradation problems by using an enclosed adhesive application system
- Ensure a sharp cut-off, even when working at the highest line speeds, with MI III modules
- Easier maintenance. Simplified design for easy access and disassembly, ClearCut guns allow faster PUR cleaning and shim replacement tasks
- Select the width adjustment system that better suits your production needs: manual or motorized
- Guarantee a consistent application at any line speed. An integrated bracket technology absorbs the board impact during production for an homogeneous adhesive coating and increased gun durability

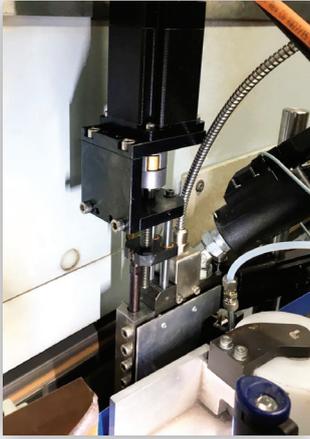


Automatic Width Adjustment

For a fully automated process, ClearCut solution can incorporate a sensor, to detect each board's exact thickness. The motor automatically adjusts the application width, within the tolerance range set for each batch.



High-speed MI III modules provide an excellent cut off at any line speed



Suitable for Edge Sealing Applications

Edge sealing is a key process for ensuring a defect-free, and long-lasting product, when working with the less expensive materials for the board panel. Filling the porous middle layer with EVA adhesive creates an homogeneous surface, facilitating the profile wrapping process. The use of more homogeneous but significantly more expensive materials can be avoided.

Utilizing the ClearCut Series guns, users can apply a flat and smooth surface along the edge of the board for easy and even profile wrapping or edgebanding application, and achieve a higher quality end product.

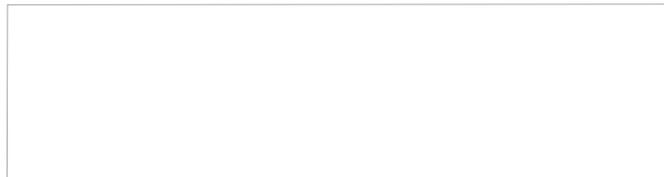
Combine ClearCut Guns with MCP-6 Pattern Controls for high precision dispensing

- Guarantees precise application of the adhesive patterns required for edgebanding and sealing processes, resulting in a defect-free end product with minimal adhesive waste.
- Automatic motor-speed tracking feature helps maintain a consistent adhesive volume during machine speed changes.
- Valves automatically shut-off when a board stops in the application area and reopen as soon as the machine restarts to eliminate wasted boards.



Technical Specifications

ClearCut Series Characteristics	
Max. Operating Temperature	240°C / 464°F
Max. Operating Hydraulic Pressure	100 bar/ 1450 psi
Max. Operating Cycle Rate	150 cycles per minute
Operating Air Pressure	4-6 bar/ 58-87 psi
Electric Supply	190-250 VAC 50/60 Hz
Max. Application Width	Up to 60 mm



For more information, visit valcomelton.com or contact your local Valco Melton representative.

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