

# CLEARCUT SERIES

## Enclosed Adhesive Application System for Edgebanding Processes

ClearCut Series hot melt guns are designed for intermittent applications in wood sealing and edgebanding processes. Enclosed adhesive application systems prevent adhesive degradation associated with previously existing roller systems, which makes them 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. Available in 3 different formats to adapt to the most constricted installation spaces, all with either manual or motorized width adjustment options.

Apply on Edge



*ClearCut Standard  
Manual Width Adjustment*

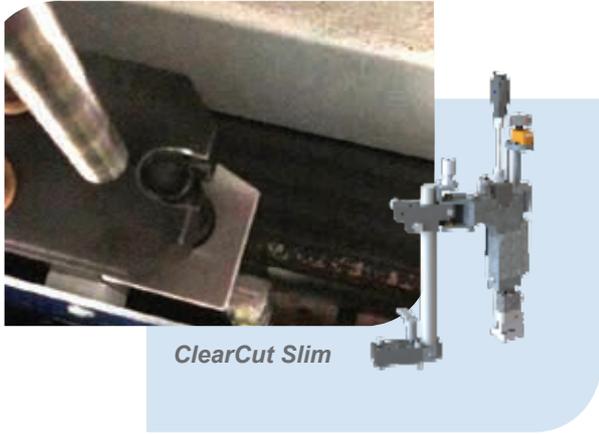
*ClearCut Standard  
Motorized Width Adjustment*



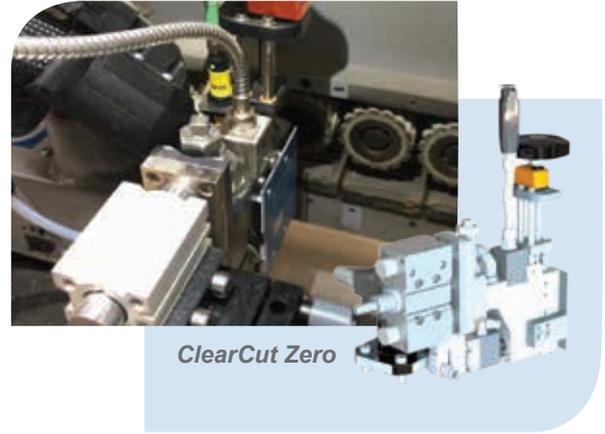
Apply on Board

- Precise and consistent adhesive application. MI III modules ensure a sharp cut-off, even when working at the highest speeds, avoiding glue excess on board edges. An integrated bracket technology absorbs the board impact during production for an homogeneous adhesive coating and increased gun durability
- Easier cleaning and maintenance. Simplified design for easy access and disassembly, ClearCut guns allow faster PUR cleaning and shim replacements
- Reduce adhesive usage by up to 30%. The precision and consistency achieved in the application results in a flawless end product, minimizing material and adhesive waste, thus improving the environmental footprint.

**Adapted to your process.** Three format options available to fit in most any edgebander: Standard, Slim or Zero. Application may be done on the edge directly, by incorporating a specially designed bracket. Manual or motorized width adjustment options available.



*ClearCut Slim*



*ClearCut Zero*

### Compact Footprint Design Options

The limited installation space available on certain edgebander models requires a different applicator format. Together with ClearCut Standard version, Valco Melton offers:

- *ClearCut Slim*: its module positioning reduces the overall applicator dimensions
- *ClearCut Zero*: the adhesive nozzle is placed at the front of the applicator instead of the side

### Automatic Width Adjustment

For a fully automated process, ClearCut solution may 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.



## Technical Specifications

	ClearCut Standard	ClearCut Slim	ClearCut Zero
Dimensions (LxWxH)	278x150x269 mm	263x100x400 mm	263x100x269 mm
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	1190-250 VAC 50/60 Hz		
Max. Application Width	Up to 60mm, up to 90mm		

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