

EZ-CUT™

A fully automatic, unattended system for cutting cover materials in:

- *On-Demand Binding*
- *Library Binding*

Presently, in library binding up to 23 different sizes of pre-cut material are supplied commercially in up to some 40 different colors. However, most binders usually inventory between 6-10 different sizes in 20-24 different colors. Paying a premium for pre-cut sizes that must be subsequently cut again to the proper size as dictated by the actual measurement of the height, width and thickness of the book block is not a cost-effective approach to the problem, as waste becomes a significant factor.

Progress never stands still and at Mekatronics we are always ready to embrace the latest technological advances that will increase productivity and improve quality

• Safe:	Even though an unattended machine, it is fully guarded to prevent bystanders from reaching into any of the machine's moving parts.
• Versatile:	<p>A two-station machine featuring:</p> <ul style="list-style-type: none"> • Four vertical carousels storing different widths up to 17-1/2" [450-mm] each accommodating up to 24 rolls of material in 24 different colors. • A cutting station that travels between carousels and automatically: <ul style="list-style-type: none"> - Cuts to precise size - Cuts a dual notch for loading on the MEK-A-CASE™ case-making machine cloth tray - Identifies, with an ink-jet printer, the JOB, PIECE number and cloth information. - Loads finished pieces into trays of an automatic stacker.
• Economical:	Waste is minimized considerably. A case study of a bindery processing around 350,000 pieces of cover material has shown that the material and labor savings can yield a quick return on investment.
• Fast:	Accepts data for jobs to be processed from the bindery automation software PC. Time-shared functions speed up the retrieval of material to provide high throughputs. Retrieving, cutting to size, notching and loading different sizes and colors into a tray are accomplished in a matter of seconds.
• Reliable:	A Programmable Logic Controller (PLC) controls the machine with built-in diagnostics.



Technical Data

Power	7 kW, 220/380 V, 3 Ph, 50/60 Hz.		
Air:	0.1 cfm [3 lpm], 90 psi. [6 bar]		
Physical	Width	Depth	Height
	17' [5182]	15' [4572]	11' [3353]
Weight	7500 lbs. [3400 Kg]		

Note: Technical data subject to change.

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