

EZ-CUT™

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

- **Library Binding**
- **Demand 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

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| • 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

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| 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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