

ULTRABIND™ 2

When it comes to Quality, Performance and Value, there is no other choice than this Self-Adjusting, Zero Make-Ready

DOUBLE-FAN ADHESIVE BINDER

Ideal for Hardcover On-Demand Book Manufacturing

The demand to process thinner and thicker adhesive bound book blocks brought about the redesign of its predecessor the **ULTRABIND™** introduced in 1991 that brought its users time and money savings. The new **ULTRABIND™ 2** is now capable of processing book blocks as thin as a *single page* and as thick as *3-1/2"* compared to *3/8"* and *2-1/4"* of its predecessor.

- **Safe:** Numerous safety features are designed into the **ULTRABIND™ 2** to meet the more stringent domestic and international safety requirements. Safety light curtains, electrically interlocked hoods, motors equipped with an electronic brake and a fully paneled machine prevent the operator from reaching into any of the machine's moving parts and assure safety.
- **Versatile:** A semi automatic, self-adjusting machine for binding book blocks of different sizes, thickness and types of paper with no make-ready or set-up. It integrates the *spine milling*, *spine notching*, *double-fan gluing*, *notch filling*, and *back lining* operations.
- **Enhanced Quality:** When double-fan adhesive bindings are done by hand, extreme care and consistency is necessary to achieve quality bindings. Because a text-block is milled, notched, double-fan glued and lined in *four separate hand operations*, the durability of the end product is at risk even with a superior adhesive. Also at risk are the debilitating wrist injuries known as carpal tunnel syndrome often incurred by those who perform repetitive tasks with their hands.

By integrating milling, notching, double-fan sanding, double-fan gluing, notch filling and back lining *all in one automatic* self-adjusting in-line machine, the **ULTRABIND™ 2** has removed the risks from what was once a demanding and unforgiving process. In addition, the **ULTRABIND™ 2** has provided the binder with new opportunities to enter the emerging lucrative market of *On-Demand Binding*. Most important, the **ULTRABIND™ 2** will increase the quality of your product, especially when used with Mekatronics' **ULTRAFLEX™** a specially formulated PVA adhesive with proven performance.
- **Simple & Effortless:** With all operations being automatically performed, not only is the *skill of operation minimized*, but also eliminates the debilitating wrist injury often incurred in conventional methods by those who perform repetitive tasks with their hands. *Safety is enhanced, fatigue is reduced, and productivity is improved.* An eye-level operator interface control panel is located within easy reach of the operator.
- **Heavy Duty & Reliable:** The **ULTRABIND™ 2** is ruggedly designed and built for heavy industrial use and trouble-free maintenance to give many years of reliable service. An Industrial Programmable Controller (IPC) controls the machine with diagnostics for ease of troubleshooting.



Technical Data

Range	Minimum	Maximum
Height	5" [130 mm]	15-1/2" [390 mm]
Width	5" [130 mm]	4" [355 mm]
Bulk:	Single page	3-1/2" [90 mm]
Power	15KVA, 220, VAC, 3 Ph, 60 Hz	
Air	3 cfm [75 lpm], 95 psi [6.5 bars]	
Floor Space	164" x 80" x 56" [417 x 203 x 142 mm]	
Weight	Approx. 5000 lbs. [2300Kg]	

Note: Technical data subject to change.

MEKATRONICS, INC./BENDROR INTERNATIONAL, LTD.

85 Channel Drive, Port Washington, NY 11050 • Telephone: (516) 883-6805 • FAX: (516) 883-6948