

MEKABIND™

AT LAST ... a Reliable & Affordable DOUBLE-FAN ADHESIVE BINDER

Many have attempted to develop a compact Double-Fan Adhesive Binder that would produce a quality product, be reliable for heavy industrial use and at the same time be affordable, but have met with little success.

Now, Mekatronics, Inc., the developer of the **ULTRABIND™** multi-operation, in-line adhesive binder, is pleased to introduce the **MEKABIND™** double-fan adhesive binder.

<ul style="list-style-type: none"> • Safe: 	Operational safety is ensured by minimal clamping force during placement of the book block between clamps prior to the concurrent activation of two anti tie-down switches.
<ul style="list-style-type: none"> • Versatile: 	A self-adjusting automatic machine capable of processing paperbacks, books, serials and tabloids from 1/8" (3mm) to 3-1/2" (90 mm) in thickness with no make-ready or set-up. The MEKABIND™ is not only the ideal machine for the small binder or the in-house repair bindery, but also the ideal companion to the ULTRABIND™ with a smaller range.
<ul style="list-style-type: none"> • Fast: 	With a 10 second cycle time, the MEKABIND™ is the most productive machine in its class.
<ul style="list-style-type: none"> • Simple & Effortless: 	<p>Operated by a single operator with loading and unloading done at the same position for optimized throughput. The operator steps on a foot switch which causes two clamps to advance and centrally clamp the book block with minimal force to ensure operator safety.</p> <p>Two concurrently activated, anti tie-down switches cause the clamps to grip the book block with full force and oscillate against the glue application roller thus fan-gluing each individual sheet on both sides to provide extra strength and durability.</p> <p>Upon completion of the gluing cycle, the clamp stops with the spine of the book block facing upwards and tilted towards the operator for efficient application of the pre-glued back lining material. Depressing the foot switch again will open the clamps for the removal of the book block.</p>
<ul style="list-style-type: none"> • Ease of Maintenance: 	Quick disassembly and assembly for ease of cleaning without disturbing previously made adjustments and with no special tools needed.
<ul style="list-style-type: none"> • Heavy Duty Reliable & Quiet: 	The MEKABIND™ is ruggedly designed and built for heavy industrial use and trouble-free maintenance to safely produce durable high quality products, which will provide years of service with minimal maintenance and down time. A Programmable Logic Controller (PLC) with built-in diagnostics accurately controls all cycle functions. Independent speed controls for glue application roller and book block clamp rotation provide for optimized product quality.



Technical Data

Range	Minimum	Maximum
Height	1" [25 mm]	16-1/4" [410 mm]
Width	3-3/8" [85 mm]	13" [330 mm]
Bulk	1/8" [3 mm]	3-1/2" [90 mm]

Cycle time	Adjustable from 10 to 15 sec.
Power	0.2 Kw, 220 V, 1 Ph, 60 Hz
Air	0.05 cfm [1 lpm], 90 psi [6 bars]
Floor Space	Width 33-1/4" [845 mm], Depth 29" [730 mm]
Working Height	Adjustable from 34-1/4" [870 mm] to 46" [1165 mm]
Weight	Approx. 340 lbs [155 Kg]
Option	Casters available

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