

# 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"> <li>• <b>Safe:</b></li> </ul>	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"> <li>• <b>Versatile:</b></li> </ul>	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 <b>MEKABIND™</b> is not only the ideal machine for the small binder or the in-house repair bindery, but also the ideal companion to the <b>ULTRABIND™</b> with a smaller range.
<ul style="list-style-type: none"> <li>• <b>Fast:</b></li> </ul>	With a 10 second cycle time, the <b>MEKABIND™</b> is the most productive machine in its class.
<ul style="list-style-type: none"> <li>• <b>Simple &amp; Effortless:</b></li> </ul>	<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"> <li>• <b>Ease of Maintenance:</b></li> </ul>	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"> <li>• <b>Heavy Duty Reliable &amp; Quiet:</b></li> </ul>	The <b>MEKABIND™</b> 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
<b>Height</b>	1" [25 mm]	16-1/4" [410 mm]
<b>Width</b>	3-3/8" [85 mm]	13" [330 mm]
<b>Bulk</b>	1/8" [3 mm]	3-1/2" [90 mm]

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

Note: Technical data subject to change.

**MEKATRONICS, INC./BENDROR INTERNATIONAL, LTD.**

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