

MEKANOTCH™

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

Ideal for Entry-Level Hardcover On-Demand Book Manufacturing

Adhesive binding is a very demanding technology that leaves no margin for error. Material-related characteristics such as glossy, coated, or heavily calendared paper and adhesives establish the limits that cannot be exceeded without loss of binding quality. The **MEKANOTCH™** is a technology enhancer for producing superior quality with a **100% Increase in strength**.

Spine milling may be sufficient when processing book blocks with lightly sized or pulpy paper. However, when glossy, coated, or heavily calendared paper is encountered, its inability to expose fibers makes it inadequate. Traditional roughening techniques help to expose fibers to some degree, but in many instances they can be detrimental by destroying the fiber bonds at the paper edge. The **MEKANOTCH™** was specifically designed to complement and enhance adhesive binding technology.

- Safe:** Numerous safety features are designed into the **MEKANOTCH™** to meet the more stringent domestic and international safety requirements. A fully paneled machine and concurrent activation of two anti tie-down cycle-start switches assure operator safety.
- Superior Quality:** Independent laboratory tests used a double-fanned adhesive bound National Geographic periodical as a sample. After 72 hours of accelerated heat aging, the unnotched volume had a page-pull of 2.03 lbs. [0.92 kg.] per linear inch, while the notched sample yielded a value of 4.18 lbs. [1.9 kg.] per linear inch - - an impressive 106% increase in strength.
- Versatile And Fast:** Through a unique notching system, the **MEKANOTCH™** features adjustable spine-notching patterns in variable depths of cuts... all in just seconds!
- Simple & Effortless:** Operated by a single operator, the book block is easily inserted onto a platform, and two hand-buttons safely monitor the notching operation. Spine area is increased and additional paper fibers are exposed to enhance linkage between paper and adhesive.
- Heavy Duty & Reliable:** The **MEKANOTCH™** is ruggedly designed and built for heavy industrial use and trouble-free maintenance to safely produce durable high quality products and provide years of service with minimal maintenance and down time.



Technical Data

Range	Minimum	Maximum
Height	6" [152]	15" [380]
Width	3" [76]	Unlimited
Bulk	1/8" [3]	3-1/8" [79]

Notch Depth	Adjustable
Notch Intervals	5/16" [8 mm]
Power	4 Kw, 220 V, 3 Ph, 60 Hz
Air	5 cfm [140 lpm], 90 psi [6 bars]
Floor Space	21" x 36" [633 x 915 mm]
Weight	Approx. 400 lbs [181 Kg]

Note: Technical data subject to change.

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