

MEKALINE™

The ideal, versatile, zero make-ready, self-adjusting machine for:

- *On-Demand Binding* • *Short-run Edition Binding* • *Library Binding*

The successes of Mekatronics' standalone self-adjusting machines, in operation worldwide for many years, brought about the development of the **MEKALINE™**. The machine heralds another major technological breakthrough to increase productivity not only for *library binders*, but also for *edition binders* that must process short and ultra-short runs such as those encountered in the emerging *on-demand binding* market.

<ul style="list-style-type: none"> • Safe: 	Numerous safety features are designed into the MEKALINE™ to meet the more stringent domestic and international safety requirements. Electrically interlocked doors and a fully paneled machine prevent the operator from reaching into any of the machine's moving parts and assure operator safety.
<ul style="list-style-type: none"> • Versatile: 	The MEKALINE™ is a fully automatic, self-adjusting machine that can process randomly intermixed book blocks of different sizes, thickness and types of paper with no make-ready or set-up. It integrates the <i>book block feeding, rounding & backing, headband application and casing-in</i> operations with increased capacity over conventional machines handling bulk sizes up to 3". A unique feature of this <i>one-of-a-kind</i> machine that can greatly benefit library binders entering into the emerging <i>demand binding</i> market is the ability to operate the rounding and backing and casing-in stations as independent standalone machines.
<ul style="list-style-type: none"> • Fast: 	Capable of producing 360 book blocks per hour for increased productivity over conventional methods. Input can be directly linked to trimmer and output from the casing-in machine can be linked to the CENTURION™ Building-In machine for a fully automatic operation.
<ul style="list-style-type: none"> • Simple & Effortless: 	With all operations being automatically performed, not only is the <i>skill of operation minimized</i> , but also eliminates the debilitating wrist injury often incurred in conventional methods by those who perform repetitive tasks with their hands. <i>Safety is enhanced, fatigue is reduced, and productivity is improved.</i> An eye-level interface control panel is located within easy reach of the operator.
<ul style="list-style-type: none"> • Heavy Duty & Reliable: 	The MEKALINE™ 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	3-1/2" [90 mm]	15" [380 mm]
Width	4" [100 mm]	15" [380 mm]
Bulk	1/4" [6 mm]	3" [76 mm]

Power	7.5Kw, 220 V, 3 Ph, 60 Hz
Air	2.12 cfm [60 lpm]
Floor Space	11 ft. x 16 ft. [3353 x 4877 mm]
Weight	4000 lbs. [1815 Kg]

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