

MEKALINE™

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

- *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 *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 book block feeding, rounding & backing, headband application and casing-in operations with increased capacity over conventional machines handling bulk sizes up to 3". A unique feature of this one-of-a-kind 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 over 500 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 or linked directly to the Tecnograf READY™ Casing-In and 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 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 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.

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