

HEAD BAND-IT™

A simple, versatile HEADBAND application machine

Until now, the application of headbands for single-copy library binding and ultra short-run demand-binding work was a labor-intensive and costly operation that had to be done manually. Progress never stands still and at

Mekatronics we are always ready to embrace the latest technological advances that will increase productivity and improve quality.



- Versatile:** A self-adjusting, semi-automatic machine for applying headbands to book blocks of different sizes and thickness with no make-ready or set-up. A Programmable Logic Controller (PLC) controls the machine with diagnostics for ease of troubleshooting.
- Simple & Fast:
300-600 /hour**

The book block with its spine facing towards the headband applicators is placed on the table. As it is slid inward against a fixed left-side register, it lifts a spine thickness-sensing gauge pulling the correct amount of headband material, lined with a double-sided adhesive tape, to match the spine. It also causes the right-side gauge with its headband applicator to move automatically and be stopped by the book block to form a guide to guarantee that the book block is pushed into the machine straight. The operator continues to slide and push the book block against pressing pads that trigger the cutting of the headband material and adhering it to the spine.

For multiple-copy operation, the first book block can be used for setting the machine for repeat operation of the same size book block thus increasing productivity.

The debilitating wrist injury resulting from the performance of repetitive tasks is eliminated.
- Safe:** A fully paneled machine that prevents the operator from reaching into any of the machine's moving parts assures operator safety.
- Reliable & Quiet:** Designed and built for heavy industrial use and quiet operation.



Technical Data

Range	Minimum	Maximum
Height	4" [100]	16" [406]
Width	4" [100]	16" [406]
Bulk	3/8" [10]	3" [76]
Power	0.250 Kw, 120/220V, 1 Ph, 50/60 Hz	
Floor Space	32" [812] x 24" [610]	
Weight	220 lbs. [100 Kg]	

Note: Technical data subject to change

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