

HEAD BAND-IT™

Take the Headaches out of HEADBANDS and dress up.

Headbands dress up the appearance of hard cover books and are a requirement from most publishers.

For most, the application of headbands for on-demand, short-run hard cover binding is a labor-intensive and costly operation that has to be done manually with glue brush, scissors and careful hands.

Now, Mekatronics is proud to offer the **HEADBAND-IT™, the only self-adjusting machine of its kind.** A fast and easy-to-operate machine that will increase productivity and improve quality while eliminating your headaches and bottlenecks.



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| <ul style="list-style-type: none"> • Safe: | Operator's safety is assured by a fully paneled machine that prevents the operator from reaching into any of the machine's moving part. The debilitating wrist injury resulting from the performance of repetitive tasks is eliminated. |
| <ul style="list-style-type: none"> • 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. |
| <ul style="list-style-type: none"> • Simple & Fast: 300-600* /hour | <p>Single Copy Mode--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 adhere it to the spine.</p> <p>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.</p> |
| <ul style="list-style-type: none"> • Reliable & Quiet: | Designed and built for heavy industrial use and quiet operation. |

** Higher throughputs and smaller bulk sizes [as low as 1/4" (6mm)], can be obtained by applying the headband material to a pile of multiple copies fed into the machine and later separated with a safety utility blade. [See video](#)*



Technical Data

| Range | Minimum | Maximum |
|---------------|-------------|-----------|
| Height | 4" [100] | 16" [406] |
| Width | 4" [100] | 16" [406] |
| Bulk | 5/16" * [8] | 3" [76] |

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|--------------------|-----------------------------------|
| Power | 0.250 Kw, 220V, 1 Ph, 50/60 Hz |
| Air | 0.35 cfm [1 lpm], 90 psi [6 bars] |
| Floor Space | 32" [812] x 24" [610] |
| Weight | 220 lbs. [100 Kg] |

Note: Technical data subject to change

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