

# SPEED-NIP™

## The ideal, versatile BOOK COMPRESSOR

• <b>Safe:</b>	Designed to meet the more stringent domestic and international safety requirements. With the exception of the opening into which the book block is fed and protected by the proven DIGI-GUARD™ safety device that prevents injury should the operator's fingers or hand be in the working area, the machine is totally covered with louvered panels.
• <b>Unique Self-Adjusting &amp; Fast:</b>	A machine that speeds up the process of compressing or "smashing" the swell in the folded signatures or the glue buildup in adhesive bound book blocks to yield a flat and square binding edge. The flattened book blocks make it possible to trim larger piles with greater accuracy and improve rounding and backing, thereby reducing production costs as well as improving the quality of the product. Processes intermixed sizes, thickness and types of paper with no make-ready or set-up.
• <b>Versatile:</b>	The <b>SPEED-NIP™</b> can be adjusted to meet various requirements. It is perfect for: <ul style="list-style-type: none"><li>• Book block compressing and smashing.</li><li>• Nipping folded paper for material handling savings.</li><li>• Laminating</li><li>• Compacting</li></ul>
• <b>Simple &amp; Effortless:</b>	Operation is automatic from the moment the work, regardless of the thickness, is placed into the trough tripping a switch that brings the moveable jaw to apply the proper pre-selected amount of hydraulic force. The time dwell is adjustable by a solid-state timer.
• <b>Heavy Duty Reliable &amp; Quiet:</b>	The machine is designed and built for heavy industrial use and trouble-free maintenance. Over <u>90%</u> of all Mekatronics' <b>SPEED-NIP™</b> machines sold worldwide since 1952 are <u>still running</u> today. A new pump operating at a conversational noise level of 60 dB has a 50% noise level reduction over its predecessor. Should normal wear cause failure of any part, modular construction makes repair easy.



### Technical Data

Dimension	Minimum	Maximum
Height (Head to Tail)	3" [76 mm]	18" [457 mm]
Width (Front to Back)	4" [102 mm]	15" [381 mm]
Bulk (Thickness)	¼" [6 mm]	3-1/2" [89 mm]

Capacity	20 tons
Cycle Time	30 strokes/min. with zero dwell
Dwell time	Adjustable from 0 – 23 seconds
Power	5 KW, 220 V, 3 Phase, 60 Hz
Floor space	22" [740 mm x 40" [1,020 mm]
Weight: (Net)	Approx. 1,100 lbs [2,220 Kg]

Note: Technical data subject to exchange

MEKATRONICS, INC./BENDROR INTERNATIONAL, LTD.

85 Channel Drive, Port Washington, NY 11050 • Telephone: (516) 883-6805 • FAX: (516) 883-6948