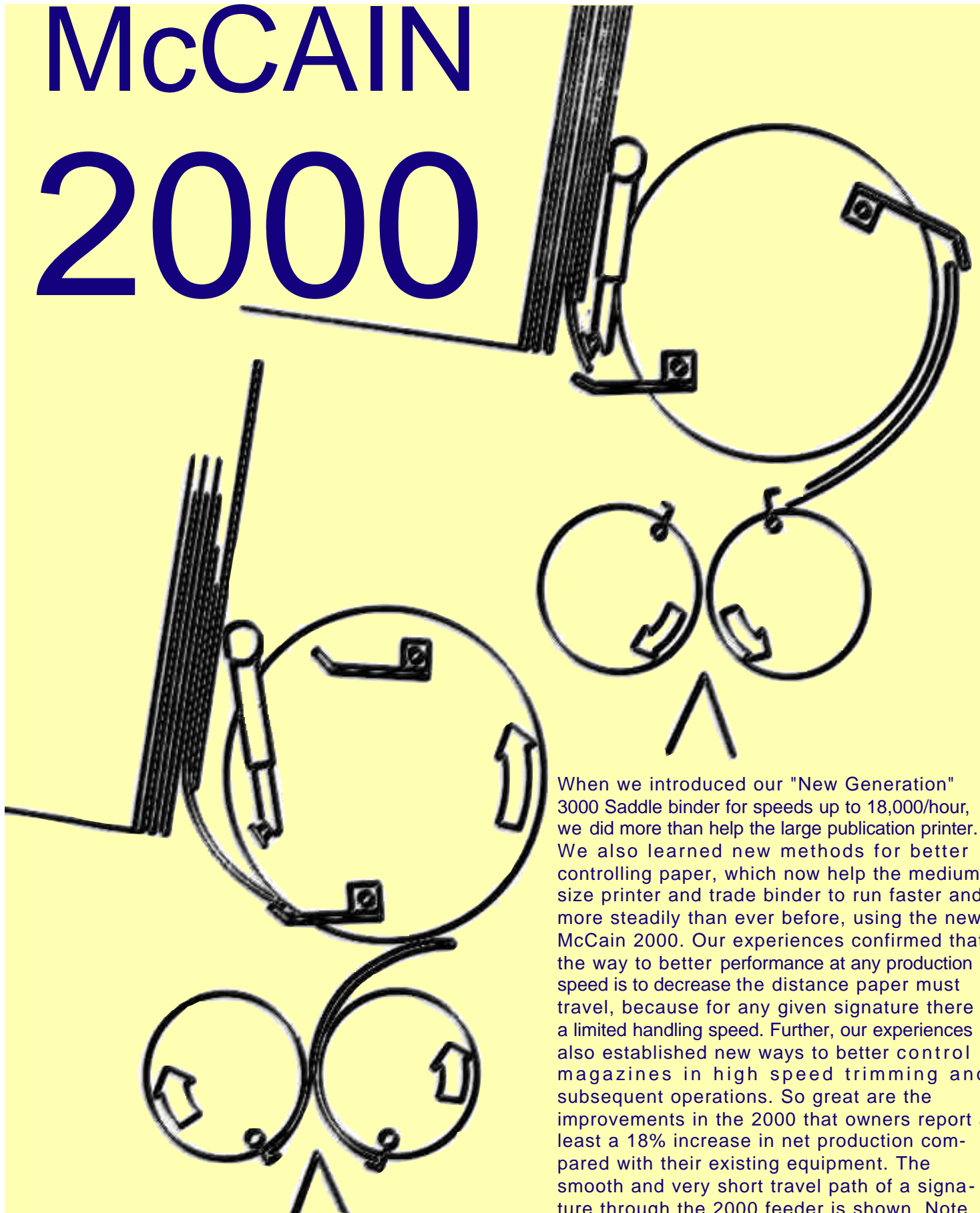


McCAIN

**IDEAS PROVEN AT 18,000 BPH
NOW HELP THE MEDIUM SIZE
PRINTER AND BINDER**

20000

McCain 2000



When we introduced our "New Generation" 3000 Saddle binder for speeds up to 18,000/hour, we did more than help the large publication printer. We also learned new methods for better controlling paper, which now help the medium size printer and trade binder to run faster and more steadily than ever before, using the new McCain 2000. Our experiences confirmed that the way to better performance at any production speed is to decrease the distance paper must travel, because for any given signature there is a limited handling speed. Further, our experiences also established new ways to better control magazines in high speed trimming and subsequent operations. So great are the improvements in the 2000 that owners report at least a 18% increase in net production compared with their existing equipment. The smooth and very short travel path of a signature through the 2000 feeder is shown. Note how compact and simple the action is, with nothing left to chance.

THE 2000 FEEDER

EASIER TO OPERATE FASTER TO SET-UP



NEW INFEED SET-UP GAUGE

takes the guesswork out of infeed settings... makes changeover fast and accurate. Just position the gauge - check that everything lines up correctly, and the infeed is ready to go!

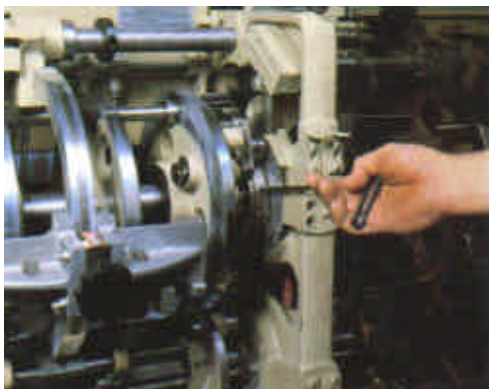
EASIER LOADING

with over 50% more infeed capacity Signatures stand upright in a long, gently curved pile - making loading more convenient and faster. Since more signatures can be loaded at onetime, one person can handle more stations with less effort.



QUICK-CHANGE CLUTCH LEVER

times each two feeders in a single movement. Also turns feeders off when not needed. No tools - no time consuming adjustment. Feeders are also protected by overload clutch.

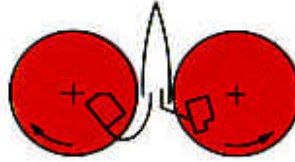


SIMPLE, POSITIVE FEEDER MAKEREADY

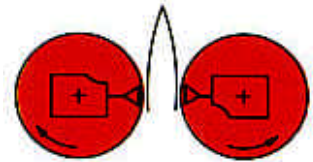
All adjustments are positioned up front, with large, easy-to-see calibration for accurate, positive setting. New signature changeover takes seconds. And all adjustments are positively locked.

MCCAINS FAMOUS 6-WAY FEEDER IS DESIGNED TO HANDLE EVEN THE TOUGH JOBS AT HIGH SPEEDS

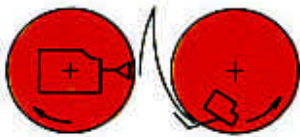
Only the McCain 6 way feeder is capable of these versatile opening actions. Vacuum and mechanical grippers combine to open any feedable signature smoothly and quickly, then drop it accurately on height adjustable, hardened steel gathering chains.



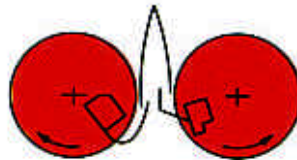
NORMAL LAP
Lap grippers take long leg. Opening gripper digs for short leg.



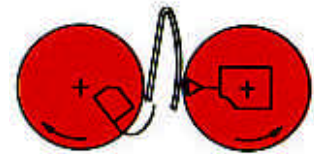
NORMAL VACUUM
Lap sucker takes one leg. Opening sucker takes other leg.



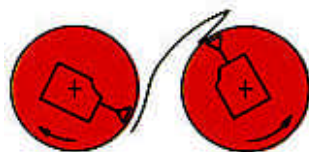
POST CARD IN BACK OF BOOK
Lap gripper holds the card, opening sucker is raised to meet flap.



LOW-FOLIO LAP
Lap grippers take short leg. Opening gripper takes long leg.



PARALLEL FOLD NO-LAP
Center sucker takes closed edge. Opening gripper gets open edge.



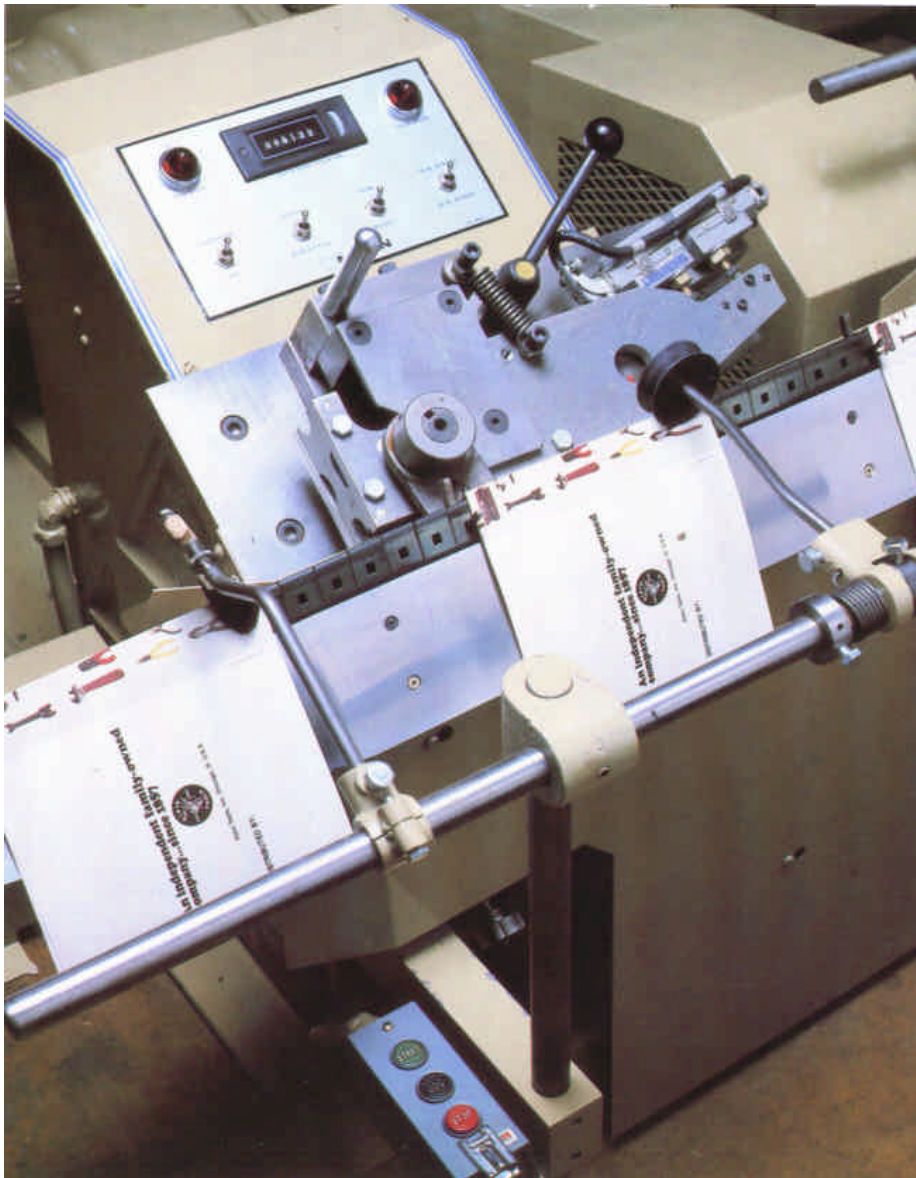
POST CARD IN FRONT OF BOOK
Lap gripper passes card to opposite sucker, lap sucker meets flap.

McCain's RIGID, HEAVY-DUTY CALIPER STAYS ACCURATE AT HIGH SPEEDS

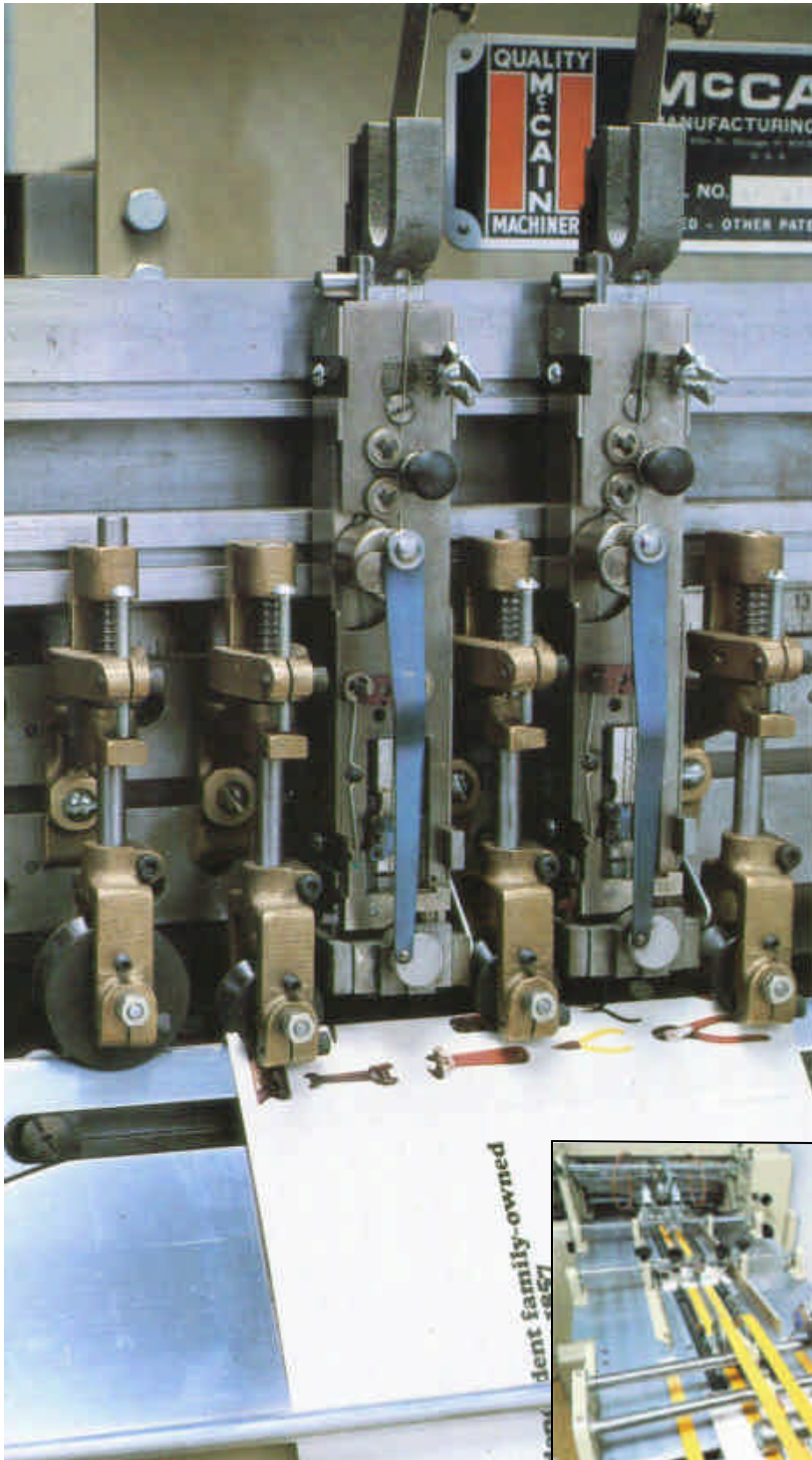


The McCain 2000 has a Rigid Heavy-Duty Caliper capable of sensitive readings even at high speeds. It can detect an extra or missing 4-page signature in thick books, even sense a missing postcard. It is designed to read anywhere along the book, and with a special electronic circuit that can detect signatures misaligned as little as 1/4" away from the collecting pin. Imperfect books - even books out of jog - are rejected without being

stitched. Twin light indicators are set by a single adjustment knob for simple quick thickness adjustment.



McCAIN'S PROVEN "TROUBLE-FREE" STITCHER IS THE BACKBONE OF THE 2000



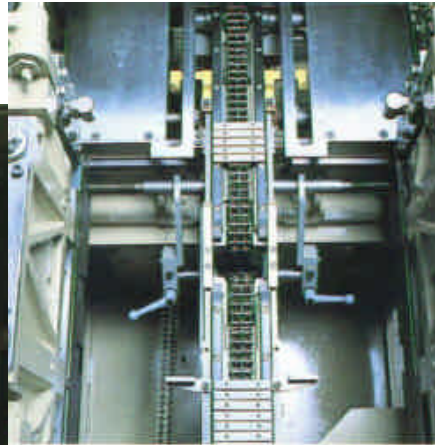
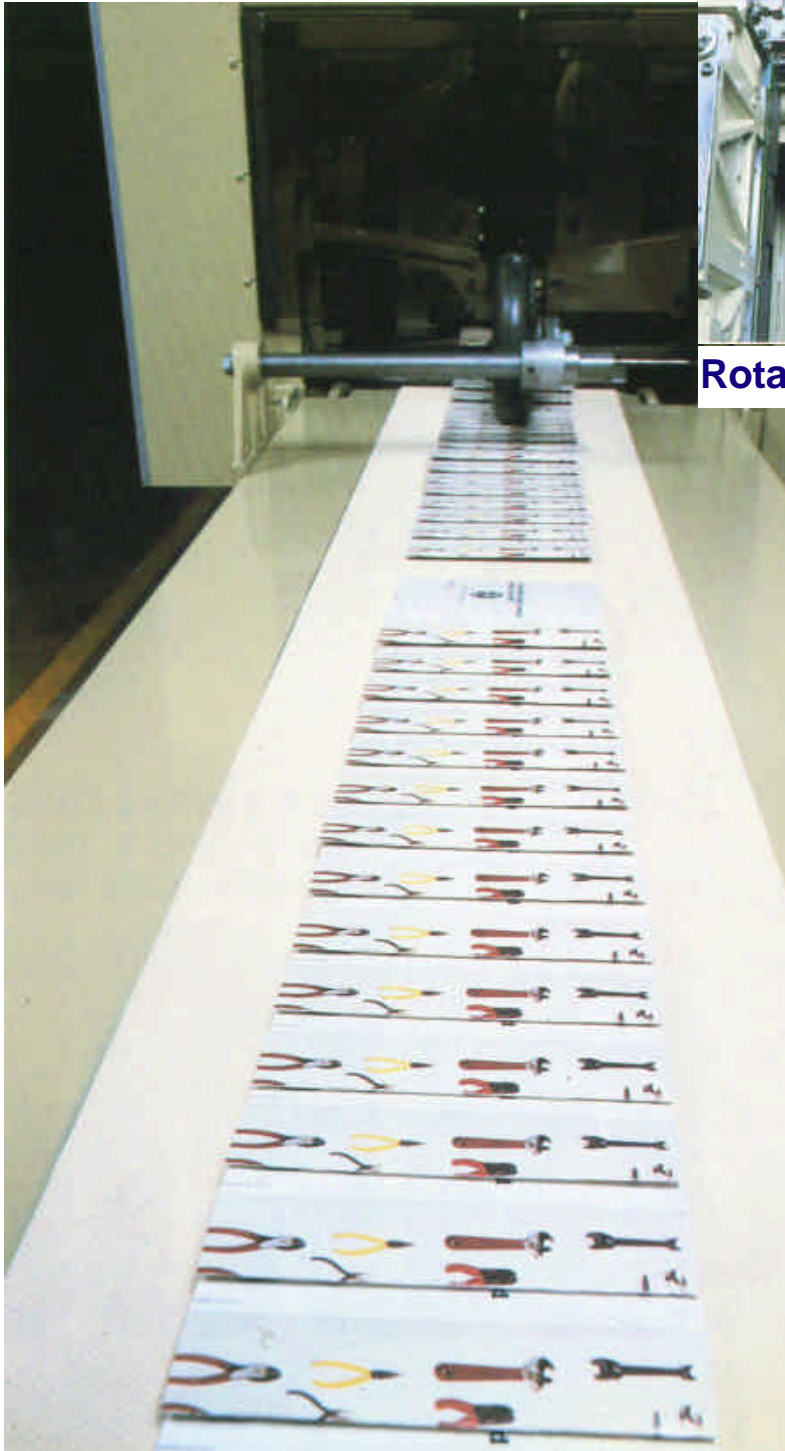
The Speedbinder stitcher is protected by jam detectors, overload spring and clutching to prevent costly damage and downtime. It's constructed with 80 sealed bearings and has an automatic lubrication system for smooth, trouble-free operation with minimum maintenance.

The gripper bar slide track holds gripper posts in perfect alignment for complete control of stitch placement. This unique gripper bar has built-in wear adjustment for continued accuracy. Stitches can be staggered for flatter stacking of books. Holds up to 8 stitching heads - can set stitches as close as 1-7 8" on centers. An 18D head stitcher can be furnished.



The 2000 trimmer infeed has twin moving tapes that minimize friction, drag and book distortion. Books move with a steady motion and minimum spacing between books for lowest travel speed. Chain driven lugs carry the book into proper position for exact front cut register by two overhead pushers.

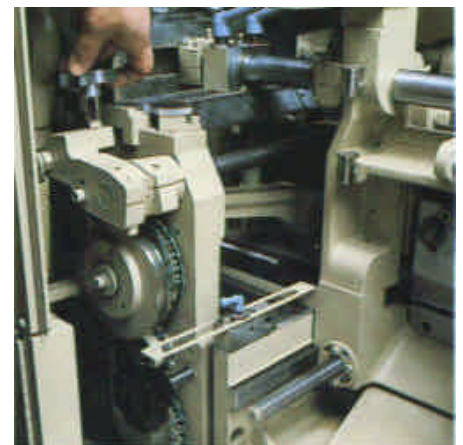
POSITIVE CONTROL, ABSOLUTE POSITIONING, AND CLAMPING ASSURE A SQUARE, EVEN CUT



Rotary Book Conveyor

After the book is positioned for the front cut, McCain's new triple-action clamp smoothes the book - first at the backbone, then middle, and then front for a clean, straight cut. The book is then moved to the head/foot cut position by a rotary book conveyor. The bottom pushers

advance the book freely against the back stops, where side joggers make sure of perfect alignment for the final trim. Books are then moved to the delivery table by a second conveyor, eliminating normal marking problems. Books are under complete and positive control at all times, so that even at highest speed, quality remains constant. Make-ready adjustments are made by conveniently located knobs and levers. The McCain 2000 (MTC) trimmer is designed to handle a wide range of sizes (down to 3" x 6") without special attachments.



Cam Operated Flattener Clamp

McCain 2000

No matter how you look at it, you just can't find a faster, more versatile, better built saddlebinder for the money.



FINISHED SIZE SPECIFICATIONS:

Maximum Trim Size 11-3/4" x 19"

Minimum Trim Size: 3" x 6"

Thickness 4 pp to 1/2"

Inline mailing, counter separator table and counter stacking are available options.



COVER FEEDER

McCain's Inline cover feeder is an option that should always be given consideration. It is designed to score, (inside or outside), fold, and feed covers to the gathering chain at speeds that make it compatible with the Model 2000. It eliminates the need for a separate folding operation and double handling, and-as with all McCain machinery, changeover is quick and simple...can be done in seconds. The Cover Feeder needs no separate power has a 20" backbone capacity.

Other 2000 accessories include the McCain Universal Signature Loader (MUSE) shown at the infeed of first feeder. It automatically separates signatures, shingles them and delivers a continuous stream to the saddle binder infeed. A 4-45, trimmer attachment, 4th and 4th and 5th knife that makes either Chop Cut or Punch Cut for 2-up work is also available