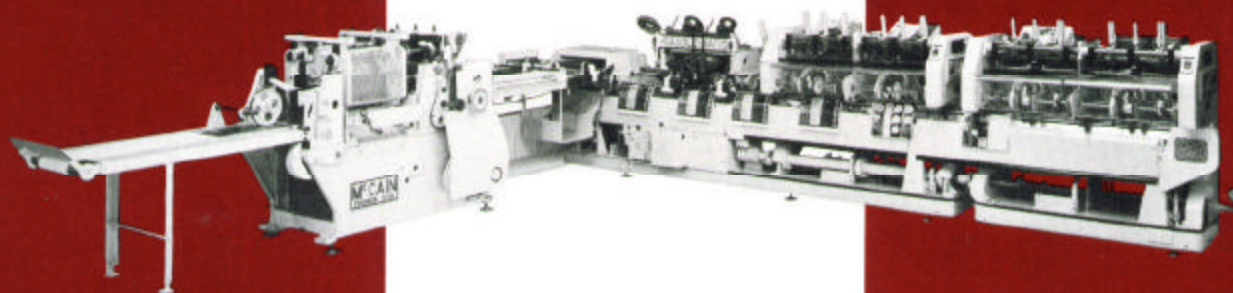


McCAIN **SADDLE-MATIC** **66** **SADDLE** **STITCHER** **FROM DEXTER**



An economical, automatic stitcher designed for the medium size printer . . . capable of providing the lowest binding cost per thousand of any saddle binder. Production speeds up to 6600 per hour with quick set-up time.

Here's the most economical path to higher, more profitable production of a wide variety of saddle-bound jobs: The McCain Saddle-Matic 66. This automatic saddle binder is designed to give you dependability and accuracy at low cost. It insures uniformly high quality from book to book at speeds adjustable from 2500 up to 6600 books per hour.

Loading and operating is all done from the left side of the Saddle-Matic 66 line. This permits one-man operation at moderate speeds, producing more books per man-hour than with any other saddle stitching line. Result: lowest possible cost per book.

The basic Saddle-Matic 66 unit includes a stitcher and the first two pockets, designed and constructed on a single base. No need to over burden yourself initially; add extra automatic feeder pockets in units of two as your operation grows. And for really efficient operation, you can even add the McCain automatic 3-knife trimmer at the delivery.

You can start profiting from automatic saddle binding, now, with the basic Saddle-Matic 66. Run two, three, four and even five signature jobs on the basic two pocket model. You simply pre-gather with a single stitch then rerun the doubled units. Thus, a five signature job can be produced in less labor-hours than on any hand fed unit . . . at much lower costs. Even after you acquire an automatic 3-knife trimmer, you can still pre-gather signatures using the switch delivery tray as shown in the lower center photograph on the facing page.

Practically no job is too small for the Saddle-Matic 66. It automatically feeds signatures from $3\frac{1}{2} \times 6"$ up to $11\frac{1}{2} \times 14\frac{1}{2}"$. Smaller sizes or very short runs can be handled simply by tilting back the automatic pockets for hand feeding. A built-in hydraulic pump moves the pockets in less than 25 seconds.

Bindery operators say the Saddle-Matic 66 is the quickest to set up as well as the most flexible. A complete four-pocket line can be made ready in 20 to 30 minutes . . . including caliper, stitcher and 3-knife trimmer. And for special problem jobs, Saddle-Matic flexibility permits using both mechanical and vacuum opening on the same signature for more positive control, maximum efficiency and speed. All this, plus well-known McCain dependability, proved in the world famous Unitized line.

A Saddle-Matic 66 operating as little as one day a week can pay for itself in just a few years in direct labor savings alone. More important, it increases your potential . . . reduces your costs to keep you out front competitively . . . enables you to go after new business.

Saddle-Matic 66 . . . most profitable saddle binding available at any price.



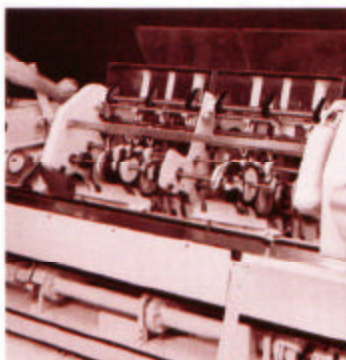
3-KNIFE TRIMMER



Set-up of the Saddle-Matic 66 is the simplest yet. Here the pile guides on the pocket are being adjusted with the large wing-nuts. Two adjustments set-up the pocket for lap signature . . . time: 20 seconds per pocket; for signatures without lap, about 70 seconds total.



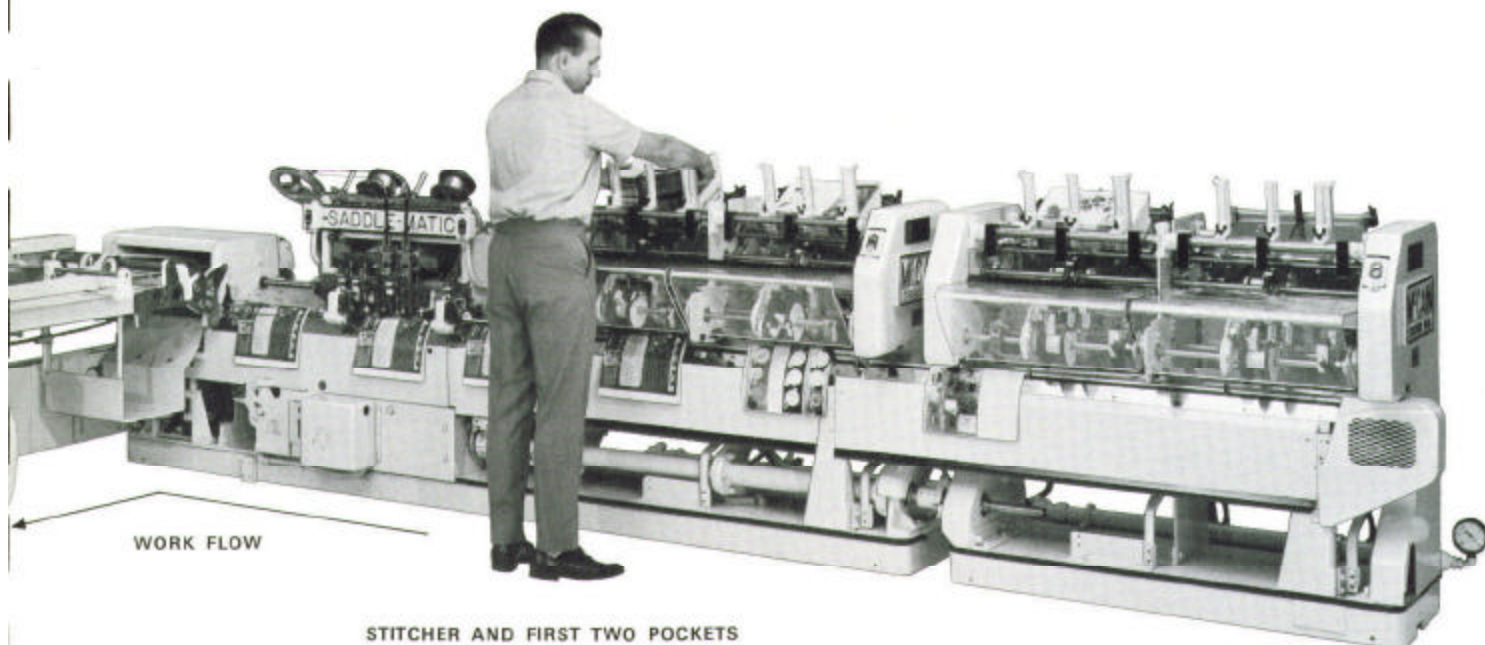
Adjustment of the backbone register gauge in the pocket is done on a direct reading scale. The gauge has a patented deflector that gives the signature ample room coming into the gauge, then compresses to guarantee perfect register, prior to lap grippers closing.



Pockets tilt back in less than 15 seconds giving extra versatility to the Saddle-Matic 66. Tilting the pockets back opens the saddle for hand feeding of signatures smaller than $3\frac{1}{2} \times 6"$ or for very short runs.



The basic unit consists of (right to left) two feeder pockets, caliper and stitcher all mounted on the same base. Additional pockets (units of two), hand-feed stations and/or automatic 3-knife trimmer can be added at any time.



WORK FLOW

STITCHER AND FIRST TWO POCKETS

TWO ADD-ON POCKETS



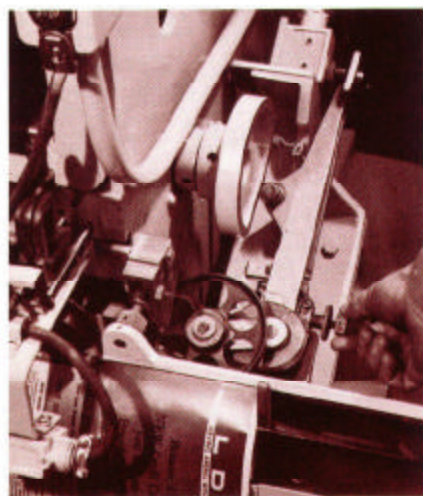
The stitching heads are positioned on a direct reading scale. The Saddle-Matic 66 can be set up to stagger stitch from $\frac{1}{4}$ to 1". Stagger stitching prevents stitch build-up in stacks of books that can slow up guillotine-type trimming operations. A box cam drives the stitching heads efficiently even at the highest speeds.



As books leave the stitcher, the collecting chain drops away on the left side of the saddle and a separate chain takes over for positive positioning at center line of the delivery system.



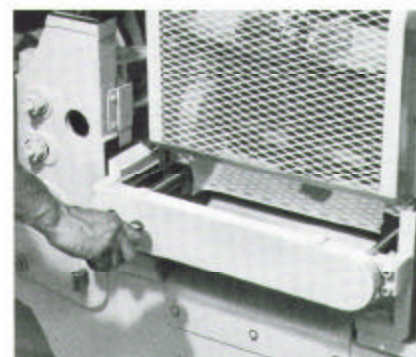
These pushers are positioning the book against backbone stops, registering the book for the front trim. The $\frac{1}{2}$ " McCain 3-knife trimmer maintains accurate positioning, flattening and clamping of the book during the entire trimming operation.



The stitcher's built-in caliper is being adjusted by setting this knob. Complete set-up can be made in one or two minutes . . . without having to run the line. The caliper prevents stitching books that are incomplete and sends them to a reject tray.

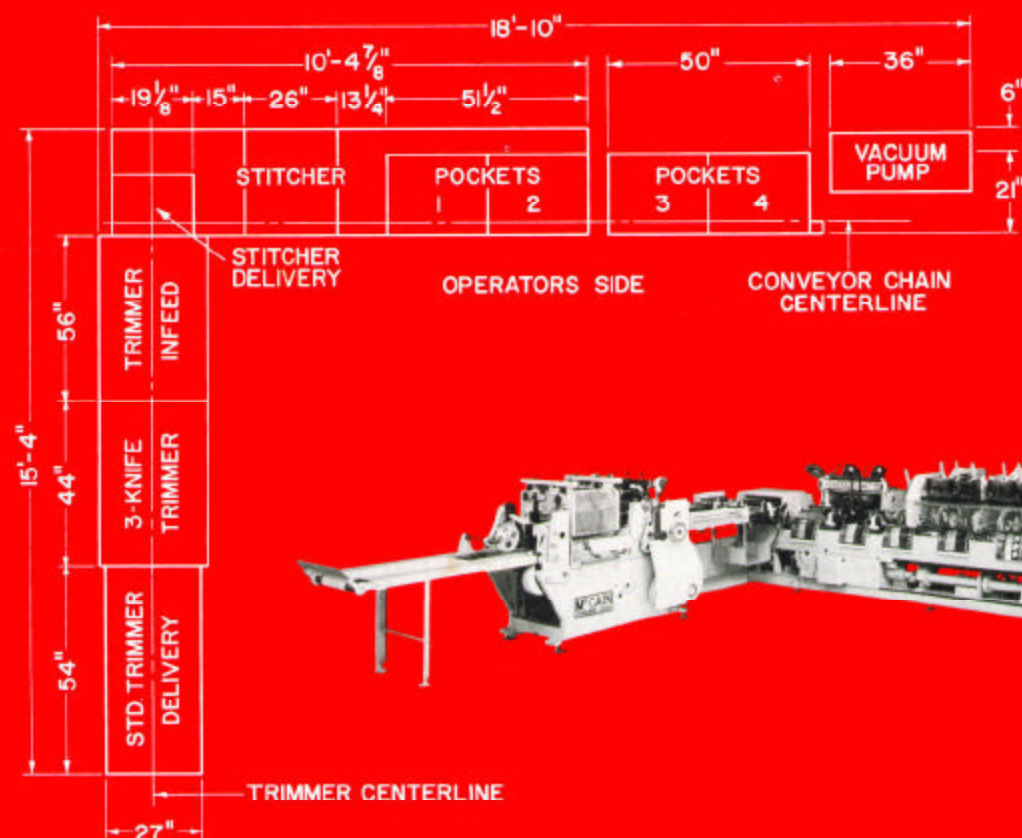


Belt delivery system shingles books onto a built-in conveyor or feeds books singly if the line is equipped with the automatic 3-knife trimmer. Unstitched books are rejected to the tray underneath. If the work is not to be trimmed—such as in pre-gathering, the system can deliver books to switch delivery tray at top right.

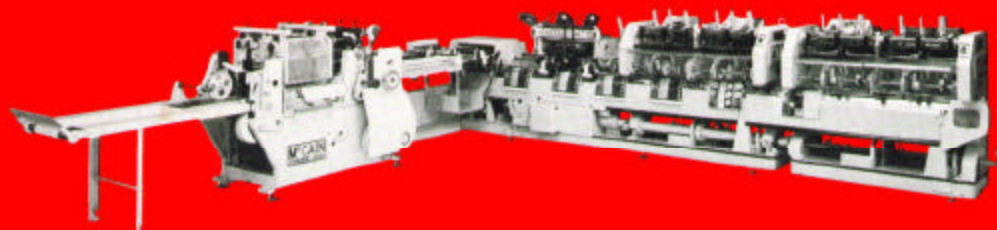


Head and foot knives are set simultaneously on a direct reading scale with one adjustment only. Once set, the trim is always square. Rugged knife construction of the $\frac{1}{2}$ " McCain trimmer virtually eliminates vibration for more accurate trimming. Normal minimum trim size $4\frac{1}{4}$ x 7"; optional attachments available down to $2\frac{1}{2}$ x 8", $3\frac{1}{2}$ x 6" and other sizes (on request).

McCain Saddle-Matic 66



Vacuum pump is movable. For each hand-feed station allow 33" extra.



The basic Saddle-Matic 66 occupies only 30 square feet of floor space. Small and compact, yet built with the heavy-duty, Big Machine construction that withstands constant usage under heavy work loads. Hardened steel cams and sprockets, plus sealed-in roller bearings throughout assure long lasting dependability and easy maintenance. All carrier chains and pocket drives are equipped with overload clutches that disengage the motor to prevent damage to the equipment. A three horsepower motor operates the entire machine at speeds variable from 2500 to 6600 signatures per hour.

The Saddle-Matic 66 is another example of high quality and high net production of the equipment in the full Dexter line. For more information, write The Dexter Company, 2011 W. Hastings St., Chicago, Illinois 60608.

THE DEXTER COMPANY



MGD

MIEHLE-GOSS-DEXTER, INCORPORATED

MIEHLE—Sheet-fed and web-fed offset and dual-purpose presses; carton equipment.

GOSS—Web-fed offset and letterpress newspaper presses and offset publication presses.

DEXTER—Folders; equipment for saddle, side, perfect and hard binding. Paper finishing and converting equipment.

MGD SALES—Offset duplicator.

FINCOR—Electronic controls.

LAWSON—Hydraulic-clamp, automatic spacing cutters; 3-knife trimmers; multiple-hole drills.

M-D BLOWERS—Rotary positive blowers
MGD RESEARCH & DEVELOPMENT