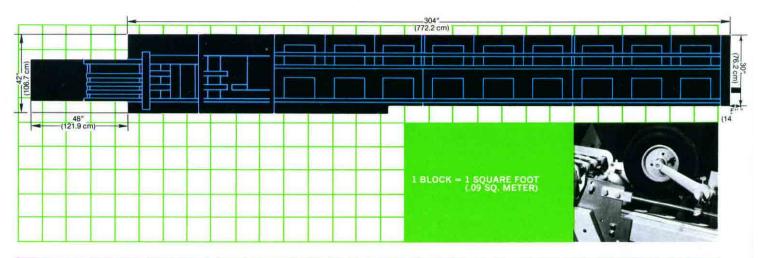
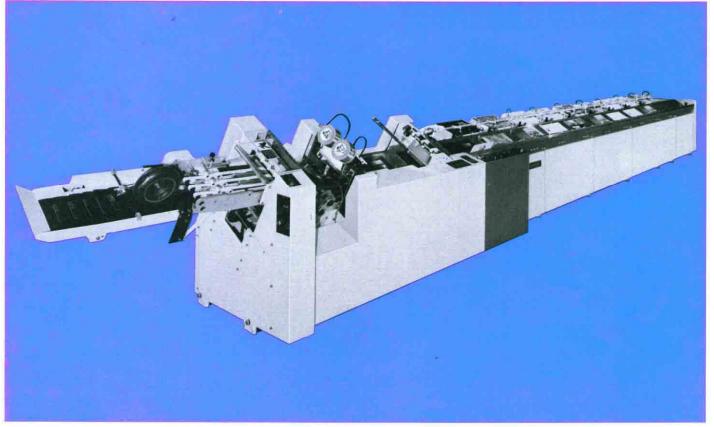
New Multibinder 250

Greater profitability for saddle-stitched booklets. Greater capacity for flat-sheet collating.

The Harris Graphics Multibinder 250 turns your job presses and duplicators into efficient and profitable booklet presses. It eliminates the need for 8-page signatures. You no longer have a heavy investment in folding equipment. Your labor cost is minimized. In addition to this lower cost-per-thousand on booklet jobs, you also get the capability of doing a complete range of flat-sheeting collating jobs up to 3/8" (9.5 mm) thick for a better machine utilization rate.





THE FOUR-PAGE PAYOFF

On saddle-stitched booklet jobs the Multibinder 250's unique approach gives you a real competitive edge. Because it works with 4-page sections – instead of signatures – you can forget about the usual production steps...

You can forget about a conventional folding operation. You can forget about standard folding impositions. You can forget about the theory that you need a large 16-page signature press to compete effectively in the booklet market.

Just pair-up a Multibinder 250 with your job presses or duplicators and your paper cutter and you can compete aggressively for profitable saddle-stitched booklet business.

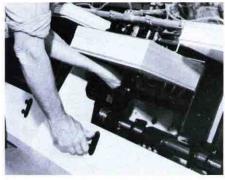
With this unique system there are just three production steps.

- 1. Print the press sheets.
- 2. Cut them into 4-page sections.
- 3. Load the unfolded 4-page sections into the Multibinder 250 for collating, stitching, folding and trimming. And you have professional-quality saddle-stitched booklets at a cost-per-thousand that gives you a real competitive edge.

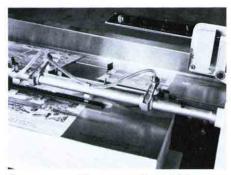
HOW THE MULTIBINDER 250 DOES IT!



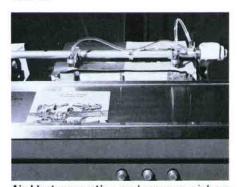
New hinged, wide back platforms provide convenient storage area for maximum sheet-size lifts. Hinged design drops platforms out of the way when not needed. Hoppers can be locked-out when not in use to reduce wear and permit set-up of next job while present one is still running.



Four-page sections are loaded into the hoppers. $11\frac{1}{2}$ " (292 mm) pile height is enough for one hour's running. Increased sheet size of $12\frac{1}{2}$ x 19" (137 x 483 mm) broadens application range.



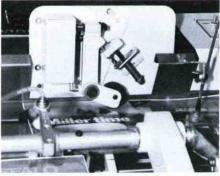
Four-page sections are gathered. New cam design gives a smoother sucker arm pickup and deposit curve for better sheet control.



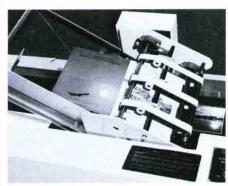
Air-blast separation and vacuum pick-up assure positive, mark-free feeding. Air and vacuum are supplied by two separate units for increased efficiency. Sealed gear box drives give smoother power transmission and reduced maintenance.



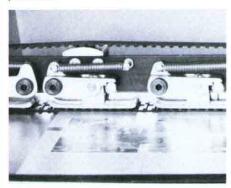
Gathered sets are registered top to bottom by the 30 degree angled tray and at the trailing edge by pusher fingers.



Gathered sets are calipered for "unders" and "overs" by a quick-set inspector. Indicator lights speed setting and signal "miss" or "double."

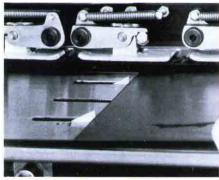


Incorrect gather can be sent to new optional reject tray rather than stopping the machine. Non-stop operation gives better realization of machine production potential.



Register Belts close on gathered sets and take them from the pusher fingers. Belts carry gathers just short of the final register position and raise out of contact.

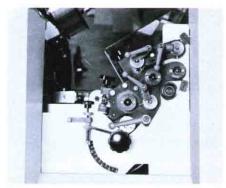
MULTIBINDER 250



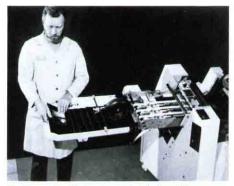
Cam-controlled pusher fingers move the gathers into final register position for stitching. Double sets of register stops give more positive alignment, minimize any skewing tendency and result in improved fold-to-stitch accuracy.



Gathered sets are center-stitched and then Register Belts take over again and convey them into the buckle folder. Folder is completely gear-driven for smoother, troublefree operation.



Folder Rollers are on eccentrics to permit side-to-side adjustment to compensate for uneven book thickness caused by reply cards, half-pages, etc. and further minimize skewing.



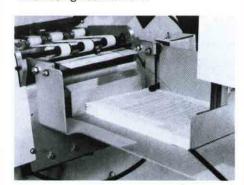
Gathered, stitched and folded sections are then face trimmed and finished booklets delivered.



Re-feed station is available as optional equipment to handle high-page count gathers or booklets that exceed the number of hoppers on the machine.



Changeover for collating is fast and simple. The upper roller assembly is pivoted out of the way to completely clear the collating path and the folder basket dropped. Pivot feature also permits easy removal of jams when doing booklet work.



Stitcher and trimmer can be disengaged and the tape delivery replaced with an optional inline offset stacker and you're ready to collate sets up to a full 3/8" (9.5 mm).

Specifications:

(Subject to change without notice)

Saddle-stitched

Minimum. Flat 5 x 8" (127 x 203 mm) Folded 5 x 4" (127 x 102 mm) . . . Flat 12½ x 19" (318 x 483 mm) Folded 12½" x 9½" (318 x 241 mm)

Maximum thickness 17 sheets of 50 lb. (74 gm/sq. m) stock, or equivalent. 5/32" (4 mm) Number of stitches Two (2) head std., 4 max.

SHEET SIZE Collating

Minimum 5 x 5" (127 x 127 mm) Maximum 121/2 x 19" (318 x 483 mm) Maximum thickness - 3/8" (9.5 mm)

SPEED (cycles per hour)

1,950 to 5,500 Production speed depends on size, thickness, kind and condition of stock and other operating conditions. Speed electrically controlled with a pilot

FEEDER

Number of feeders - 5-9-13-17.

Feeder pile height — 111/2" (292 mm) high or approximately 3,000 sheets of 20 lb. (74 m/sq. m) Bond. Hoppers not in use, can be locked out. Positive, vacuum sucker pickup with air separation.

DETECTOR

Rotary Pack Inspector for "unders" and "overs".

STITCHER

Two stitcher heads furnished. Four stitcher heads maximum. Manual drive disconnect for stitcher and trimmer.

FOLDER

Buckle type "Down" folder.

Fully gear driven.

Upper and lower folder rollers lift and lock in open position for increased collating capacity.

FACE KNIFE

142" (38 mm) maximum trim off.

DELIVERY

Motor driven creeper belt.

POWER REQUIREMENTS

1 H.P. Drive motor — 5, 9, 13 stations 2 H.P. Drive motor for 17-station model 44 H.P. Tape Unit motor 1/20 H.P. Creeper Belt motor

3 H.P. Pump motor — 5- and 9-stations

Two 3 H.P. Pump motors — 13- and 17-stations

OPTIONAL EQUIPMENT

Reject Unit

Continuous feeders, Model 229 Refeed at starting end, Model 218A

Missing sheet detectors at each station — Model 219

Remote control assembly — Model 251

Stitcher/punch - Model 232

Extra set face knives

Add-on stations in units of four

Signa Punch — Model 258U Inline offset stacker — Model 225

Batch Counter - Model 644