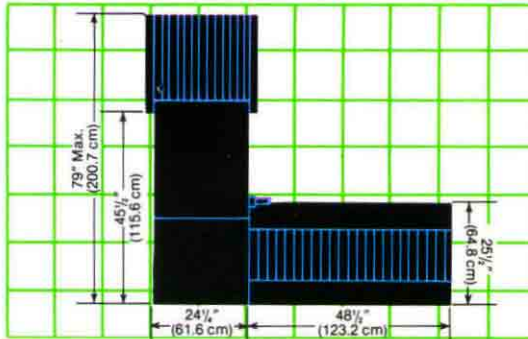


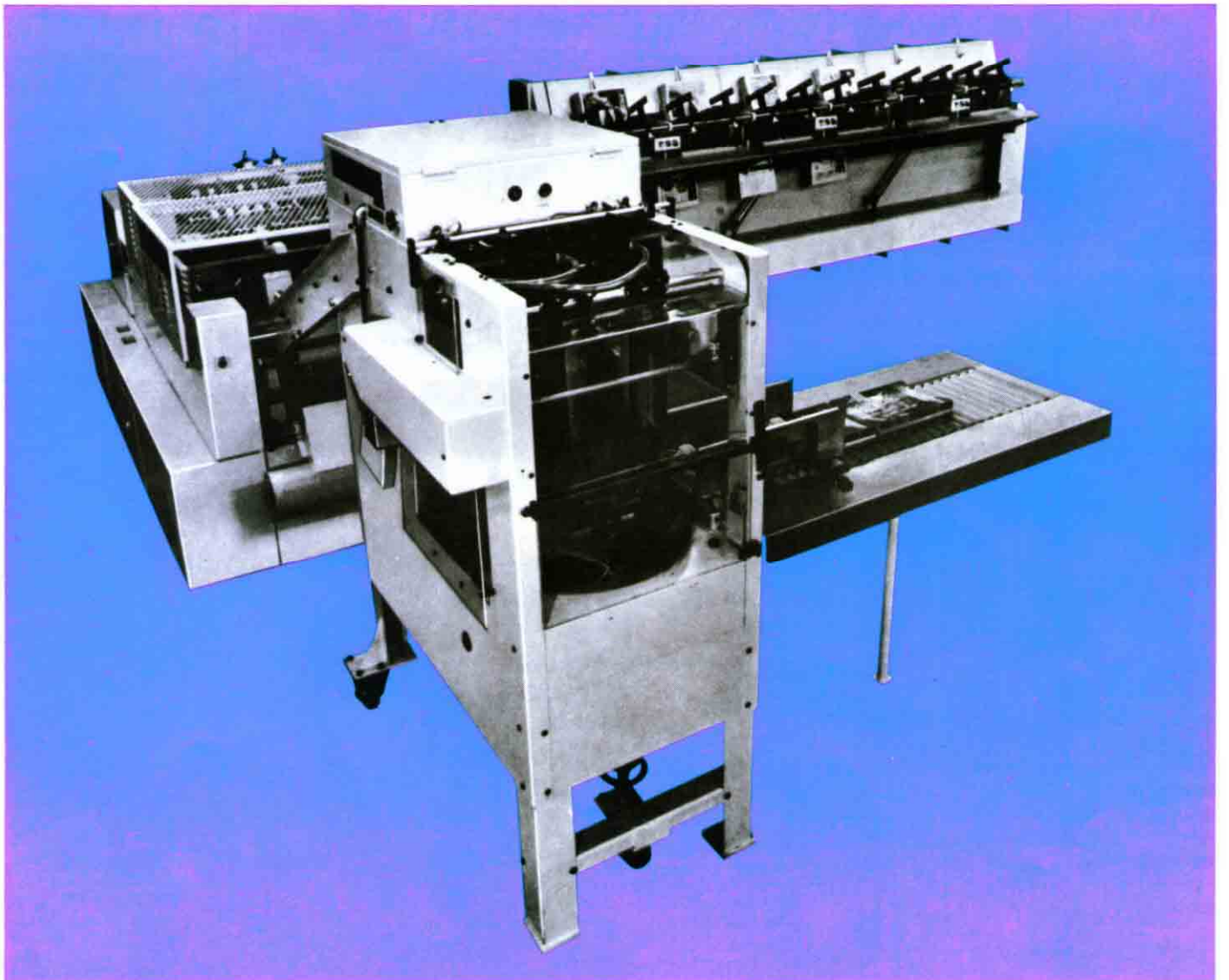
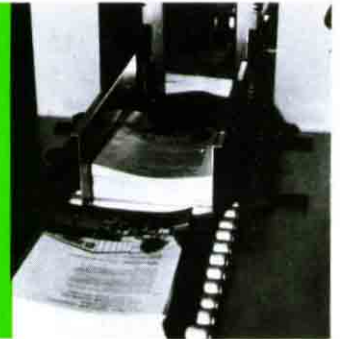
Compensating Counter / Stackers RS-10/12

Lower cost-per-thousand out the door

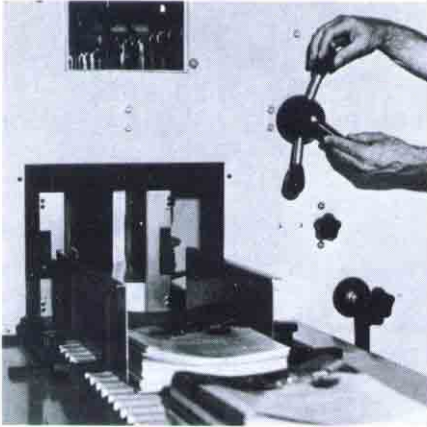
Harris Graphics Counter/Stackers work with Harris Graphics, Macey, Sheridan and other makes of inserter-stitcher-trimmers to deliver accurately-counted and evenly-stacked lifts ready for wrapping, boxing or skidding. They break the bottle-neck at the delivery end and, regardless of running speed or book thickness, let you handle the output with one person in most cases.



1 BLOCK = 1 SQUARE FOOT
(.09 SQ. METER)



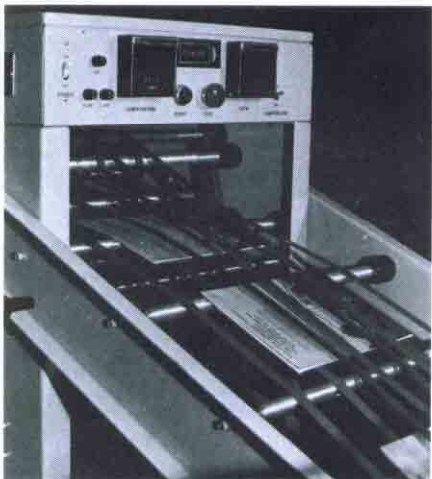
RS-10 DELIVERED FOR PACKING



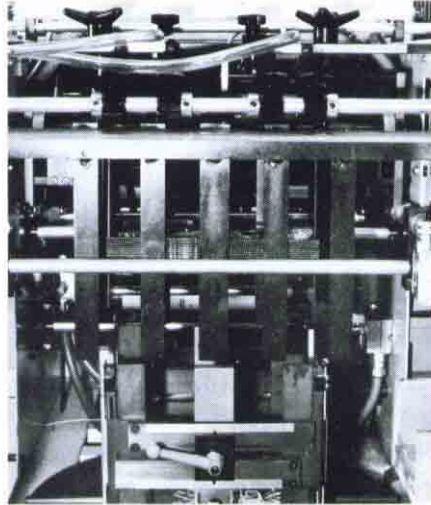
Counter/Stacker's fast, wrenchless makeready adds little or nothing to overall set-up time.



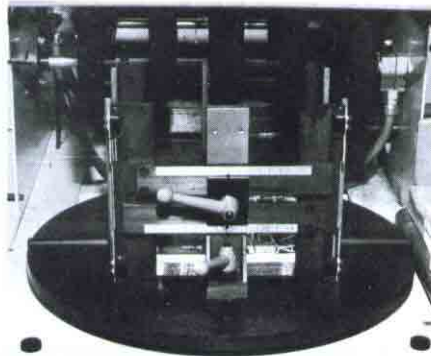
Total count per stack and count for each compensated lift is set. For this job, the count is 40 books per stack and 10 books before turning 180 degrees to compensate for the thickness build-up from the stitches.



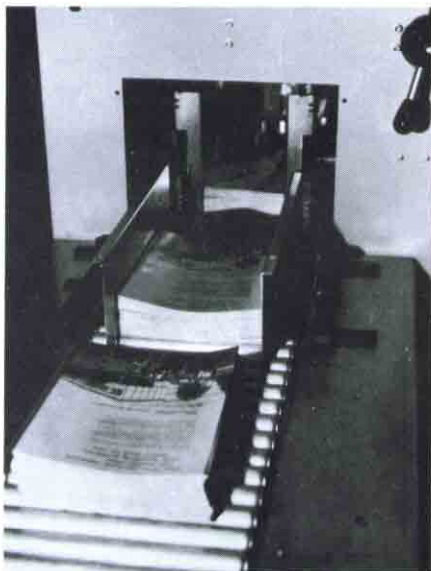
Books are conveyed from the trimmer up an inclined ramp by belts. A photo-cell counts them as they pass.



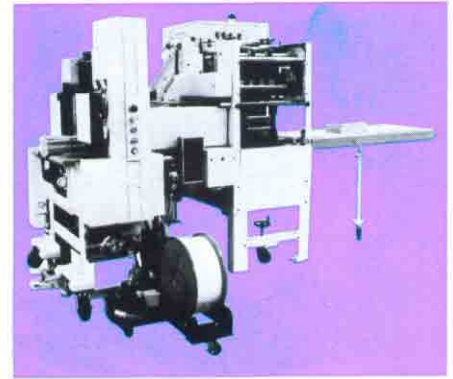
Books are collected in the upper bin. When the pre-set count for each compensated lift is reached, the lift is lowered onto the turntable. The drop is short to minimize disturbance.



Turntable rotates 180 degrees while the next lift is formed in the upper bin. When the pre-set count is reached, the second lift is lowered onto the first.



Completed, balanced and neatly jogged lifts move into the delivery area for stacking on skids, packing in boxes or conveying to a tying or shrink-wrapping machine without further handling.



In addition to the features of the RS-10, an RS-12 model permits pair-up with tying, banding and shrink-wrapping equipment to completely automate the packaging operation.

Specifications:

(Subject to change without notice)

Left or right delivery

BOOK SIZE

Maximum—12 $\frac{1}{4}$ x 18 $\frac{1}{2}$ " (320 x 470 mm)
Minimum—4 x 5 $\frac{1}{2}$ " (102 x 140 mm)

THICKNESS

Maximum—1 $\frac{1}{4}$ " (32 mm)
Minimum— $\frac{1}{32}$ " (.8 mm)

STACKING HEIGHT (MAXIMUM)

Standard machine

9 $\frac{1}{4}$ " (235 mm) compensated and non-compensated

13" machine

13" (330 mm) compensated and non-compensated

Straight-out delivery

Adhesive-bound or saddle-stitch with head or foot infeed; not recommended for saddle-stitch books with backbone-leading infeed.

BOOK SIZE

Maximum—12 $\frac{1}{4}$ x 12 $\frac{1}{4}$ "
(320 x 320 mm)

Minimum—5 $\frac{1}{2}$ x 5 $\frac{1}{2}$ "
(140 x 140 mm)

Thickness— $\frac{3}{4}$ " (19 mm) maximum
 $\frac{1}{32}$ " (.8 mm) minimum

STACKING HEIGHT (MAXIMUM)

Standard machine

9 $\frac{1}{4}$ " (235 mm) compensated or non-compensated

13" machine

13" (330 mm) compensated

INFEEED HEIGHT

Standard machine

26 to 38" (660 to 965 mm)

13" machine

29 $\frac{3}{4}$ x 41 $\frac{1}{4}$ " (755 to 1060 mm)

OPERATING SPEEDS (MAXIMUM)*

Max. Stacks with Min. Count

38 stacks/min. uncompensated

19 stacks/min. one-time compensated

12 stacks/min. two-time compensated

Min. Books Compensating

4 books — 9,000/hr.

5 books — 11,000/hr.

6 books — 13,000/hr.

CYCLE SPEED (MAXIMUM)

15,000 cycles per hour with 8 $\frac{1}{2}$ x 11" book. Production speed depends on size, thickness, kind and condition of stacks, books per stack and whether stacks are compensated or non-compensated.

POWER REQUIRED

3 KVA

AIR REQUIREMENTS (CUSTOMER FURNISHED)

80 psi at 3 CFM (5.625 kg/cm² at 1416 cm²/sec.)

WEIGHT

1,100 lbs. (500 kg)

*Ejecting books takes 1.6 seconds; compensating books takes 1 second.