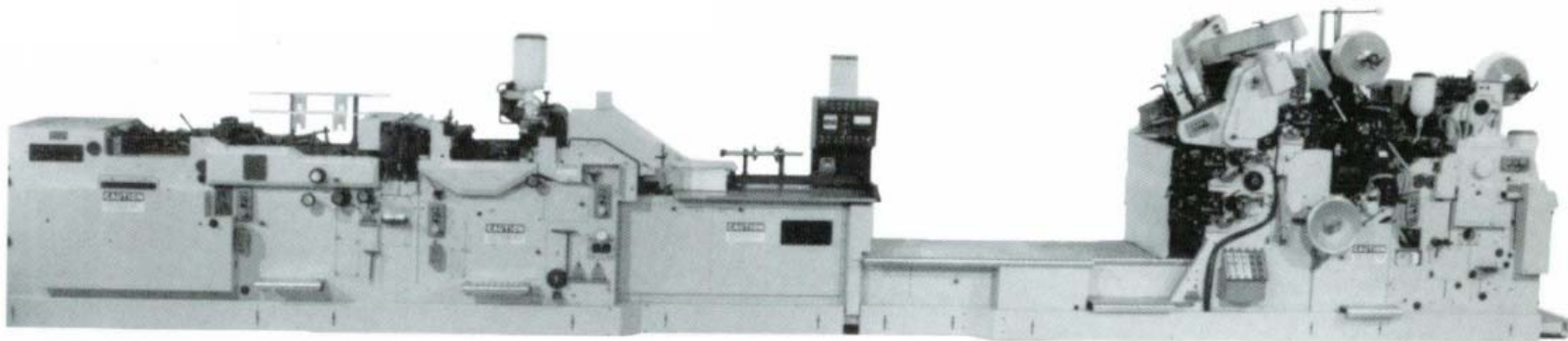




**ROTAMATIC 800 Series
High Speed Quick Change**

**F. L. Smithe
COMB. #1**

RA



Basic machine with printer, panel cutter
and patching attachment





ROTAMATIC 800 Series High Speed Quick Change

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RA

The Champion ROTAMATIC "RA" 800 series of machines represent an important technological advance in high speed quality envelope manufacturing equipment. This machine employs simplified methods and procedures for rapid change-over to produce booklet (wallet), diagonal (banker) and other specialty envelopes. Short and long runs of plain, window and/or printed envelopes are produced efficiently with remarkable speed (up to 800 EPM).

From feed to delivery, the high-speed ROTAMATIC RA 800 Series of machines has been designed to make envelope production easier, faster and more profitable. Size change program sheets, part of a standardized change-over procedure, have enhanced the ability to quick size change. Easy external running adjustments, together with simple mechanized adjustments are also used throughout the change-over procedure, thereby saving valuable time during an envelope production.

With the ROTAMATIC RA 800 Series of machines, "production versatility" is a major design consideration. Features contributing to the versatility of the ROTAMATIC RA Series of machines include:

- * Building block type construction of machine sections for ease of installation & moving, or for adding optional machine sections.
- * Contemporary guarding, designed to reduce noise levels.
- * Adaptability with web attachment for low cost entry into web production market, while maintaining full die-cut capabilities.

Optional attachments to the basic RA.

- * Up to five-color printing is available by use of modern flexographic printers, which are doctor blade adaptable. The main printer attachment includes one inside and two outside printers, while the additional fourth & fifth printer unit would include two outside printers.

- * The RA will also produce envelopes with single or multiple windows as well as the plain envelope. The panel cutter unit allows windows to be cut, per the size limits shown enclosed.

- * A High Speed Patching unit, due to its unique gum application method, allows patching of windows equal to the machine production limits of up to 800 EPM. The HSP unit, in conjunction with the standard patcher, can be used to produce double patching and to "over-patch" an inner pocket. Timed seal gumming of patched envelopes can also be achieved with this attachment, plus a "peel-n-stick" type of application.

- * A double outside side seam (D.O.S.S.) unit produces that style of envelope plus other special styles.

- * Banding of pre-set quantities of envelopes can be obtained through the addition of the "RB" high speed banding unit. Its designed construction consists of a vacuum belt band transfer, hot melt adhesive for band sealing, an accurate 5 to 50 counter, and tabbing capabilities.

- * Shovel style feeder can also be added to compliment the RA versatility in order to run special "lite" weight paper or for pre-printed stock.



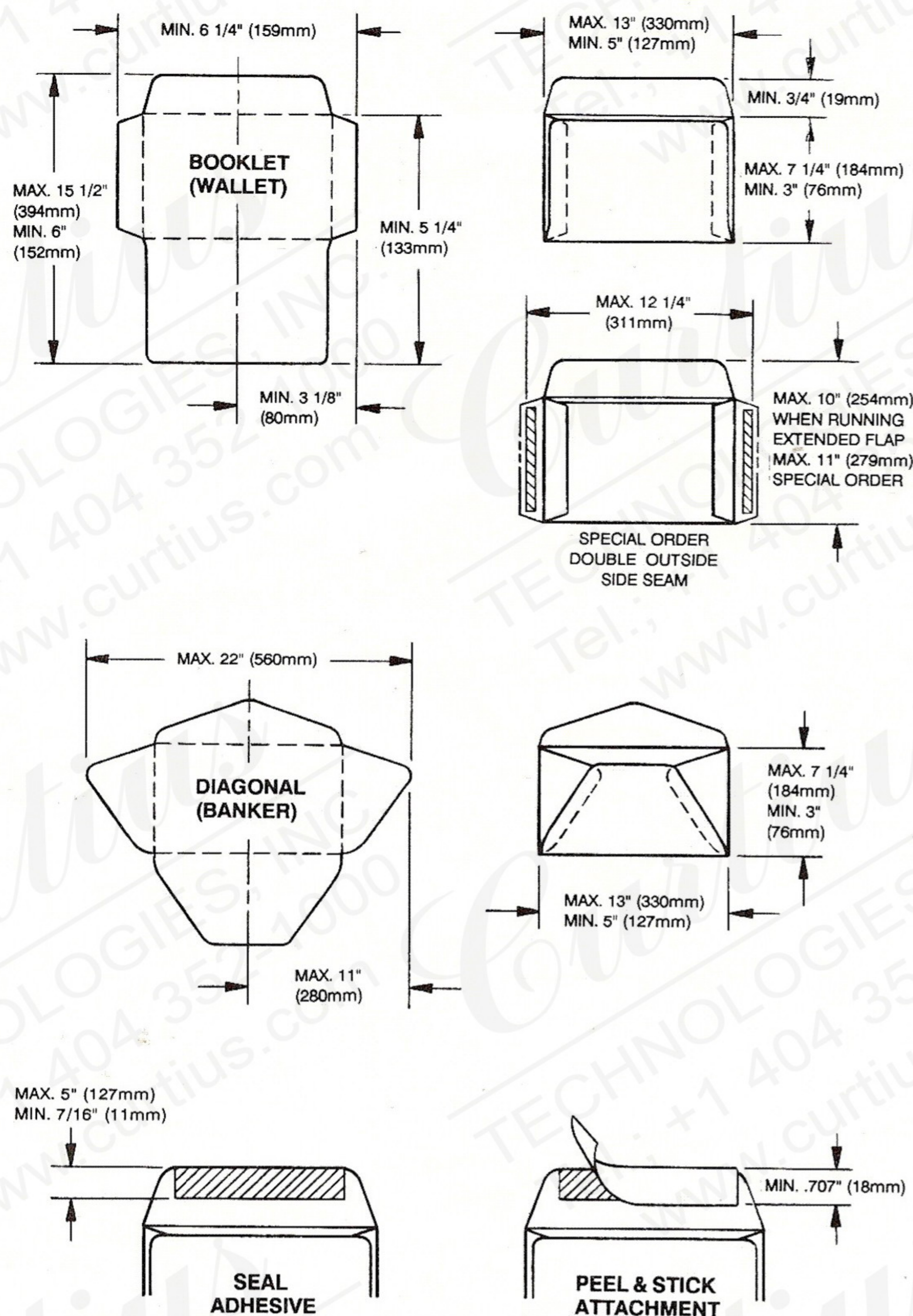


ROTAMATIC 800 Series High Speed Quick Change

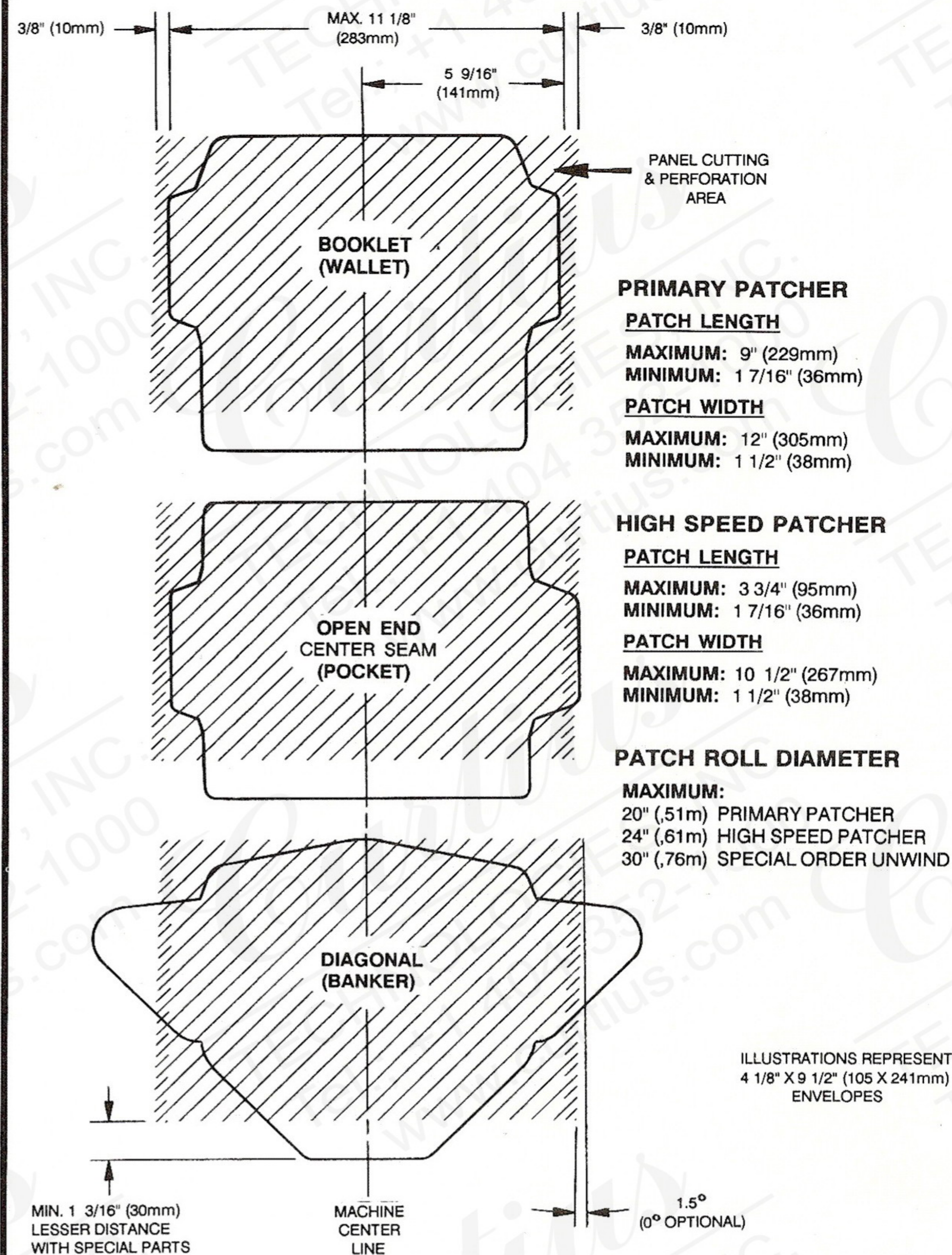
F. L. Smithe
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RA

RA: DIE CUT ENVELOPE RANGE



RA: PANEL CUTTING & PATCHING RANGE

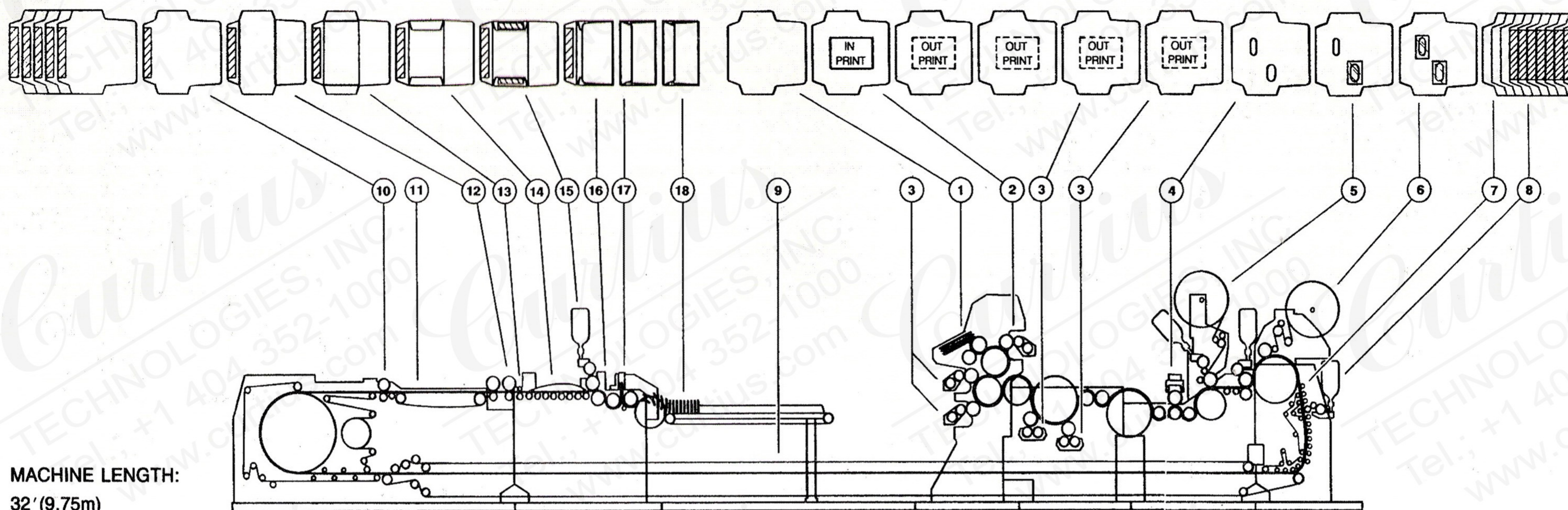




ROTAMATIC 800 Series High Spid Quick Change

F. L. Smithe
COMB. #1

RA



MACHINE LENGTH:
32' (9,75m)

FEATURES:

- | | |
|---|-------------------------|
| 1. BLANK FEEDER | 10. PULL-OUT |
| 2. INSIDE FLEXOGRAPHIC PRINTER | 11. ALIGNER |
| 3. OUTSIDE FLEXOGRAPHIC PRINTER | 12. TOP & BOTTOM SCORER |
| 4. WINDOW CUTTER | 13. SIDE FLAP SCORER |
| 5. H.S.P. WINDOW UNIT | 14. SIDE FLAP FOLDER |
| 6. PRIMARY WINDOW UNIT | 15. SIDE FLAP ADHESIVE |
| 7. COLLATOR | 16. BOTTOM FLAP FOLDER |
| 8. SEAL FLAP ADHESIVE | 17. SEAL FLAP FOLDER |
| 9. SEAL FLAP QUARTZ DRYER (HOT AIR OPTIONAL) | 18. DELIVERY |

Curtius
TECHNOLOGIES, INC.





ROTAMATIC 800 Series High Speed Quick Change

F. L. Smithe
COMB. #1

RA

ELECTRICAL REQUIREMENTS — WITHOUT VACUUM AND PRESSURE PUMPS

| MACHINE MODEL | TOTAL CONNECTED LOAD - AMPS. | | | | | | SERVICE REQUIREMENTS - AMPS. | | | | | |
|------------------|------------------------------|----------|--------|--------|--------|----------------------|------------------------------|----------|--------|--------|--------|----------------------|
| | 1Ø-60 Hz | 3Ø-60 Hz | | | | 3Ø-50 Hz | 1Ø-60 Hz | 3Ø-60 Hz | | | | 3Ø-50 Hz |
| | 115 V. | 208 V. | 230 V. | 460 V. | 575 V. | 380 V. 415 V. 440 V. | 115 V. | 208 V. | 230 V. | 460 V. | 575 V. | 380 V. 415 V. 440 V. |
| RA-1 | — | 135 | 122 | 61 | 49 | 74 68 64 | — | 175 | 175 | 80 | 70 | 100 90 80 |
| RA-1+WA | — | 149 | 135 | 68 | 54 | 82 75 71 | — | 200 | 175 | 90 | 70 | 110 100 90 |
| RA-3 | — | 127 | 115 | 58 | 46 | 70 64 60 | — | 175 | 175 | 80 | 60 | 90 80 80 |
| RA-4 | — | 135 | 122 | 61 | 49 | 74 68 64 | — | 175 | 175 | 80 | 70 | 100 90 80 |
| RA-6* | — | 127 | 115 | 58 | 46 | 70 64 60 | — | 175 | 175 | 80 | 70 | 100 90 90 |
| RA-7 | — | 139 | 126 | 63 | 51 | 76 70 66 | — | 175 | 175 | 80 | 70 | 100 90 90 |
| RA-8 | — | 132 | 120 | 60 | 48 | 73 67 63 | — | 175 | 150 | 75 | 60 | 100 90 80 |
| RA-9 | — | 173 | 156 | 78 | 63 | 95 87 82 | — | 225 | 200 | 100 | 100 | 125 110 110 |
| RA-10 | — | 173 | 156 | 78 | 63 | 95 87 82 | — | 225 | 200 | 100 | 100 | 125 110 110 |

NOTE: The tables express only maximum connected load currents.

* = RA-6 + HD — Electrical requirements are the same as for RA-7.

PUMP — VACUUM AND PRESSURE REQUIREMENTS PUMP — ELECTRICAL REQUIREMENTS

| MACHINE MODEL OR ATTACHMENT | VACUUM — FREE AIR | | PRESSURE — FREE AIR | | | | TOTAL CONNECTED LOAD | | | | | |
|-----------------------------------|-------------------|--------------------------|---------------------|---------------------------|------------|----------------------------|----------------------|----------|--------|--------|--------|----------------------------------|
| | | | | | | | 1Ø-60 Hz 115V | 3Ø-60 Hz | | | | 3Ø-50 Hz 380 V. 415 V. 440 V. |
| | CFM * | m ³ /hr. * | CFM ** | m ³ /hr. ** | CFM *** | m ³ /hr. *** | | 208 V. | 230 V. | 460 V. | 575 V. | |
| RA-1 | 303 | 514 | 18 | 31 | 10 | 17 | — | 80.5 | 73.2 | 36.6 | 28.9 | 51.3 45.3 38.3 |
| RA-3 | 303 | 514 | 18 | 31 | 10 | 17 | — | 80.5 | 73.2 | 36.6 | 28.9 | 51.3 45.3 38.3 |
| RA-4 | 303 | 514 | 18 | 31 | 10 | 17 | — | 80.5 | 73.2 | 36.6 | 28.9 | 51.3 45.3 38.3 |
| RA-6* | 216 | 367 | 18 | 31 | 10 | 17 | — | 60.3 | 54.8 | 27.4 | 21.8 | 38.4 33.9 28.6 |
| RA-7 | 87 | 148 | 13 | 22 | ****6 | ****10 | — | 34.9 | 30.8 | 15.4 | 12.1 | 21.6 19.0 16.1 |
| RA-8 | 303 | 514 | 18 | 31 | 10 | 17 | — | 80.5 | 73.2 | 36.6 | 28.9 | 51.3 45.3 38.3 |
| RA-9 | 378 | 642 | 18 | 31 | 13 | 22 | — | 139.2 | 127.2 | 63.6 | 51.1 | 73.9 66.2 64.4 |
| RA-10 | 415 | 705 | 20 | 34 | 13 | 22 | — | 139.2 | 127.2 | 63.6 | 51.1 | 73.9 66.2 64.4 |

