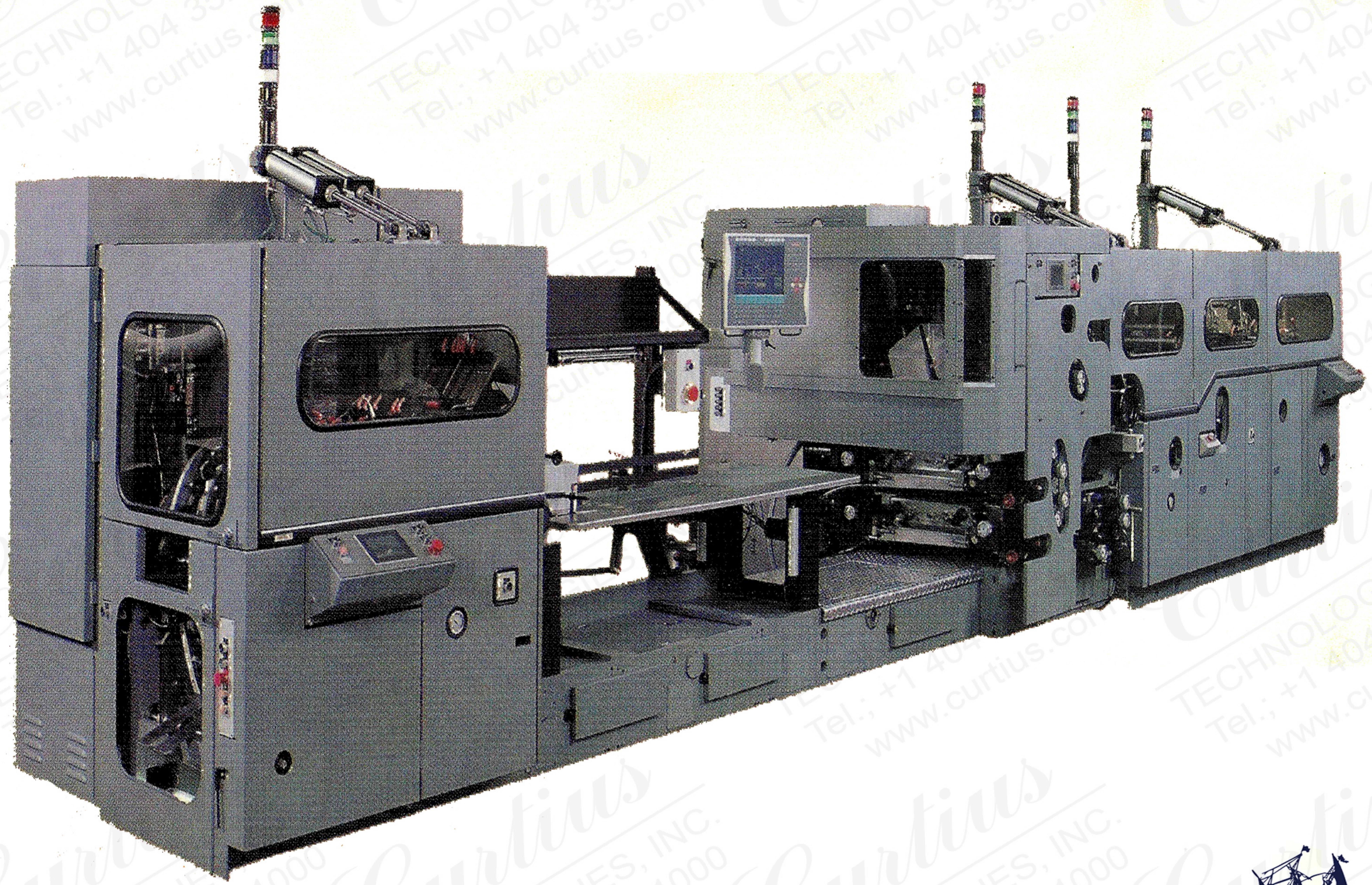




Servo-Rotamatic

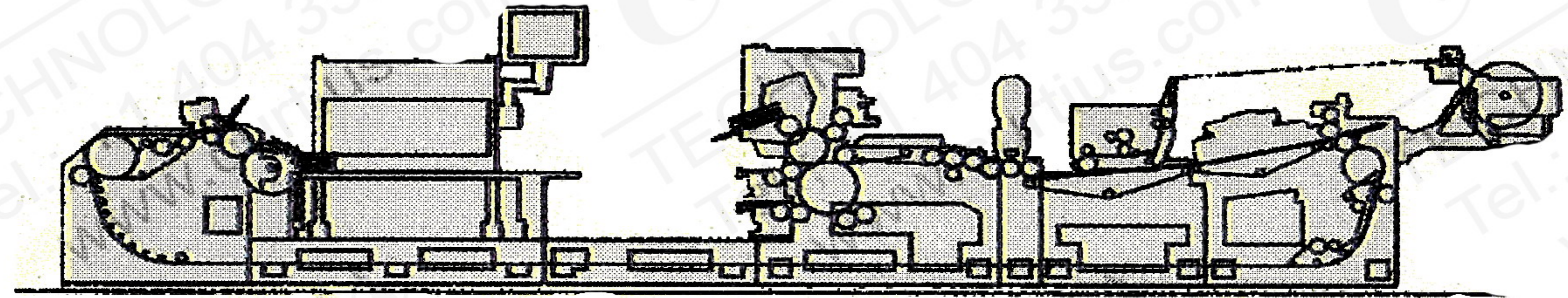
F. L. Smithe **SR**





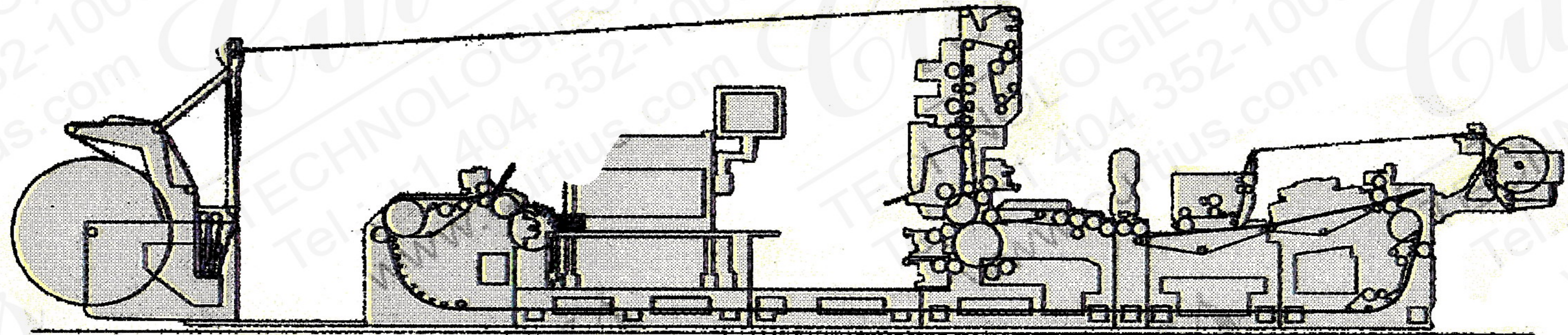
Servo-Rotamatic

F. L. Smithe **SR**



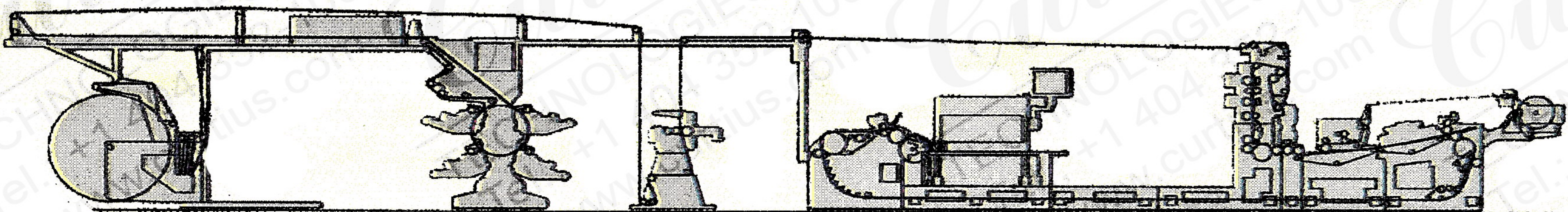
Champion SR: Blank-fed

Length: 30'2" (9.2m)



Champion SR: Combination Blank and Web-fed

Length: 39'10" (12.1m)



Champion SR: Web-fed with optional printers

Length: 63'5" (19.3m)

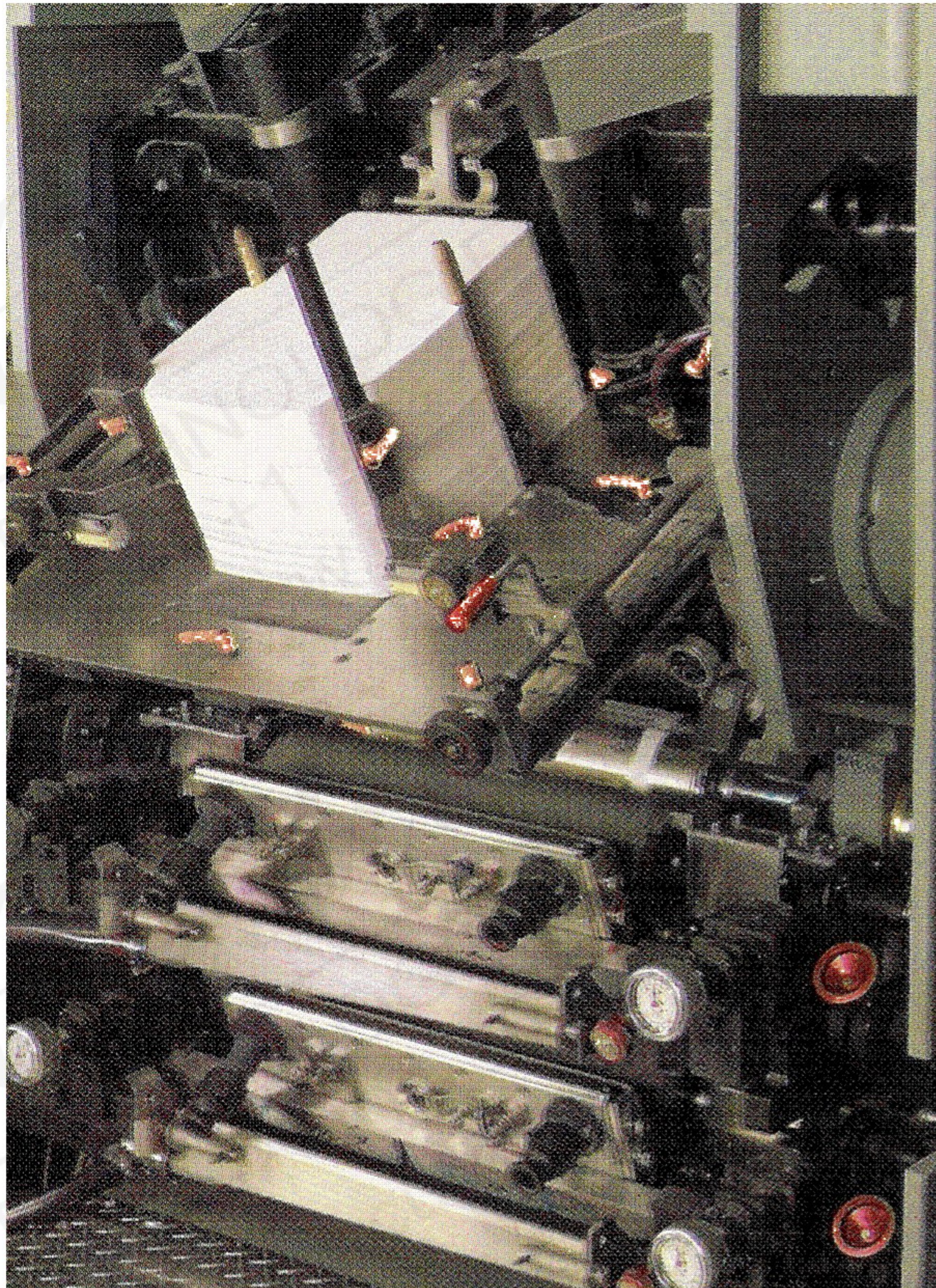




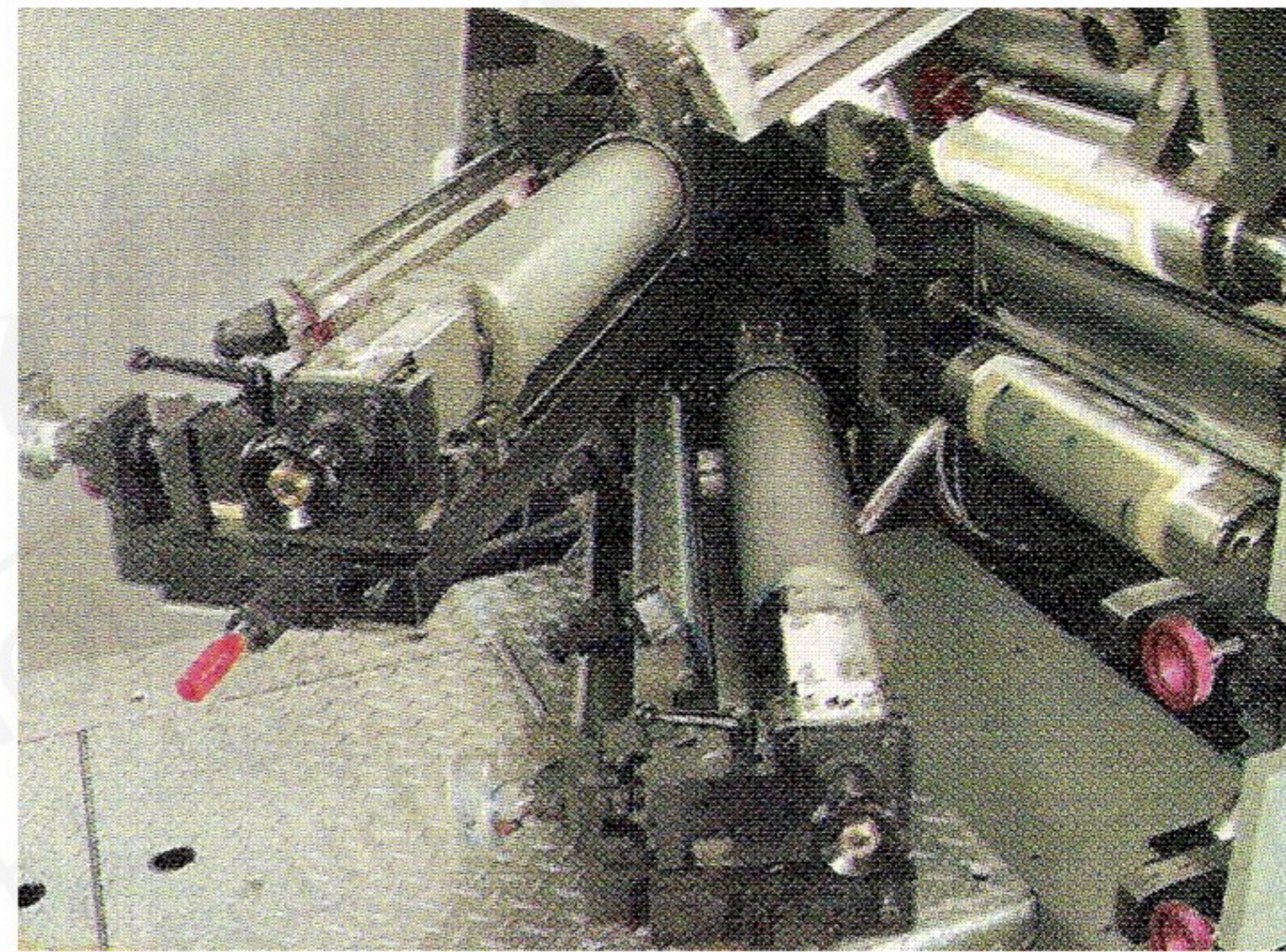
Servo-Rotamatic

F. L. Smithe **SR**

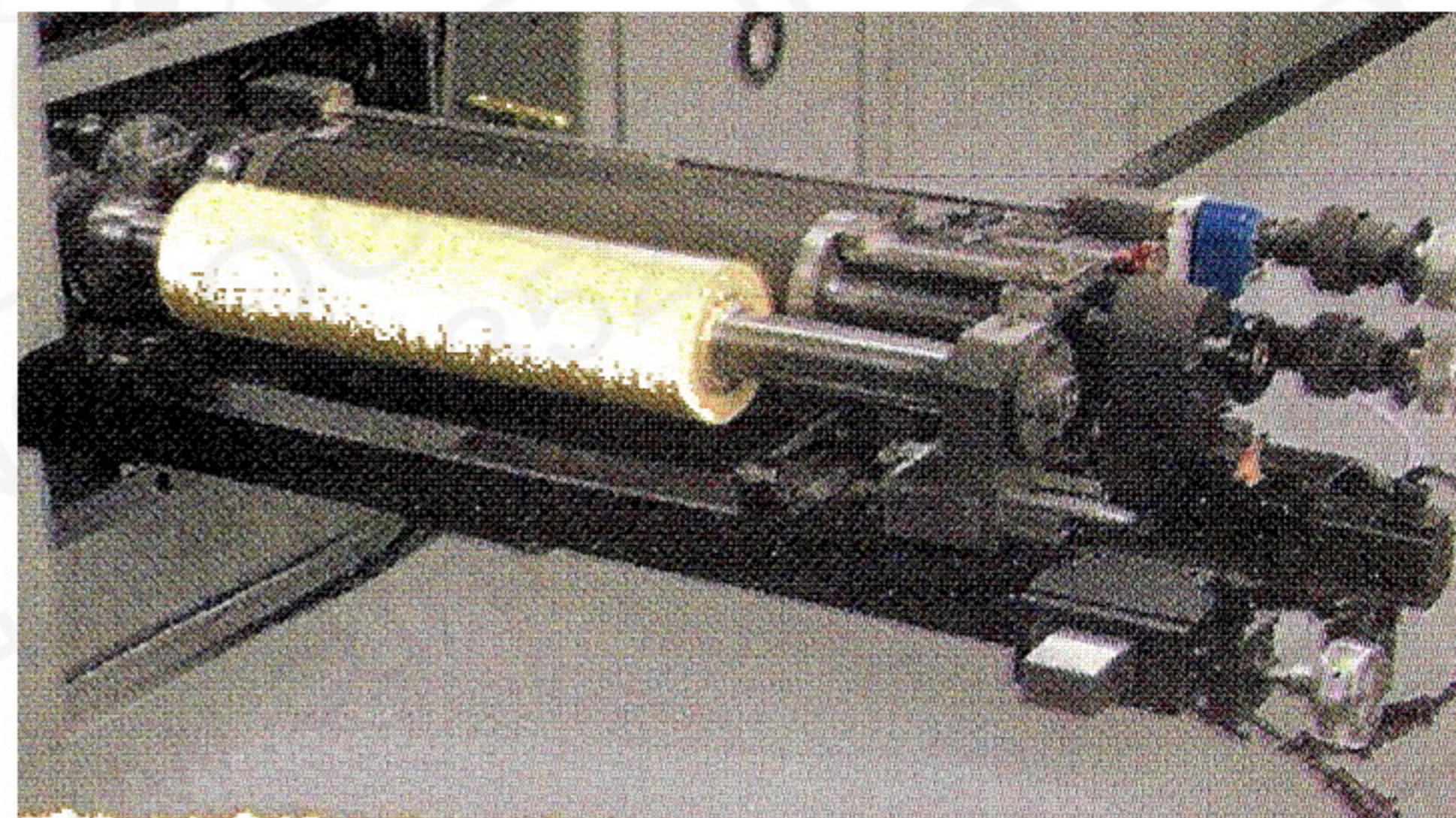
The **Champion SR** incorporates proven servo-control technology, rugged mechanical design and precision components into an operating system that is both flexible and highly productive. Blank-fed, and combination versions are available to produce a wide range of envelopes to meet the constantly changing requirements of the marketplace, yet are compactly designed to maximize production efficiencies and minimize floor space requirements. **The web Attachment** for the Model SR incorporates rotary profile cutters for precise contouring of the web. Servo drives control the rotary and cut-off knives. The web Attachment can be factory installed at time of machine purchase or added in future,



The Feeder/Printer section of the SR incorporates an adjustable feed table which allows the adjuster to maximize the performance of the SR across a wide variety of envelope papers. Simple operator controls make adjustments easy and quick.



The Model SR, blank-fed and combination versions, includes a central impression printing cylinder capable of four-color outside printing. The basic version of the SR comes equipped with adjuster-friendly swing-out printers for the first two outside colors and the inside color. The Model SR is the only envelope system available offering built-in four-color printing-in-the-blank capability, with all four printers positioned around a single central impression cylinder.



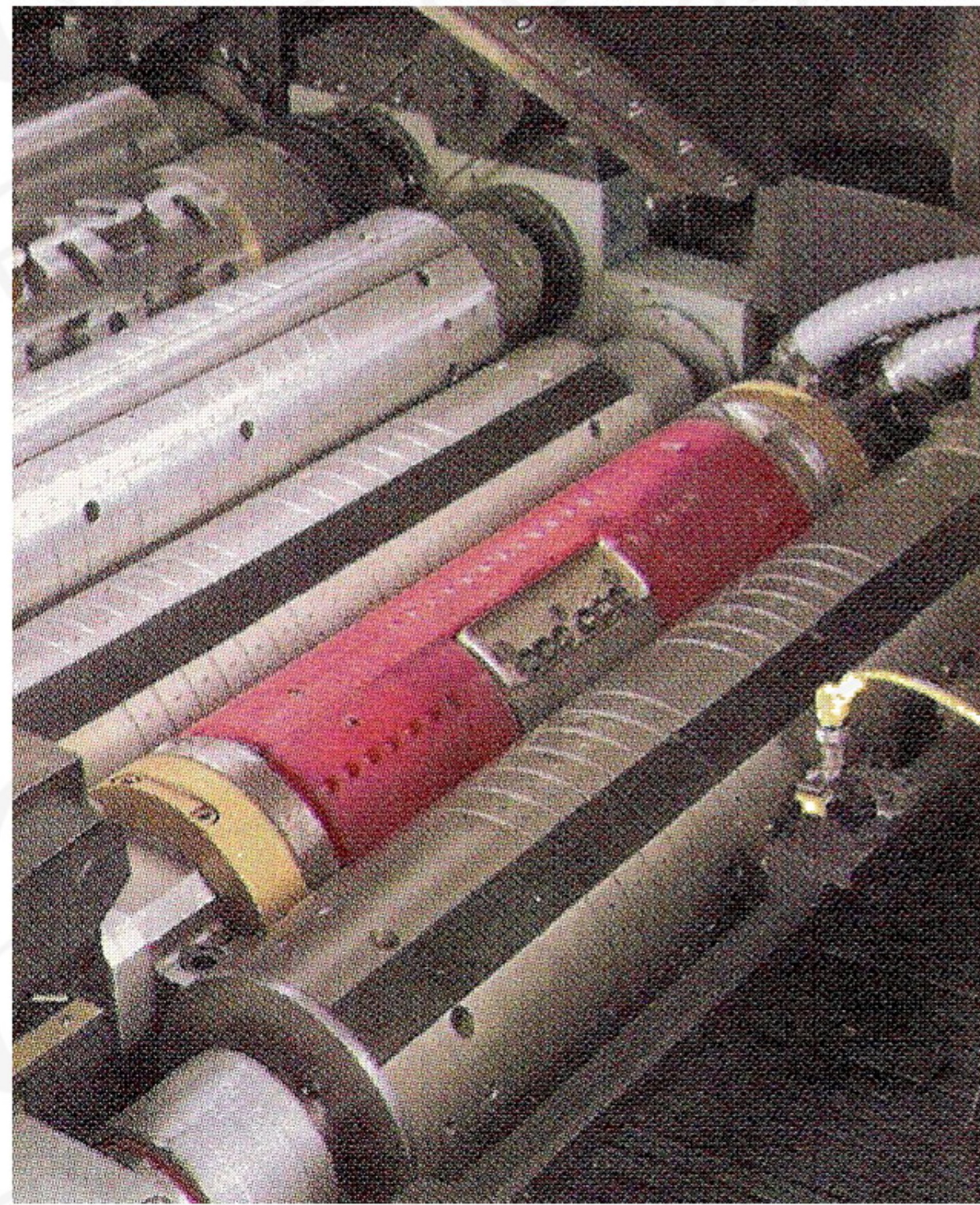
Servo-driven third and fourth pull-out printers are an SR option. These printers are positioned on the same central impression cylinder as the first and second swing-out printers, providing for the most accurate registration possible when printing on the envelope blank. The third and fourth printers are equipped with sleeve-style print cylinders for easier and quicker job changes.



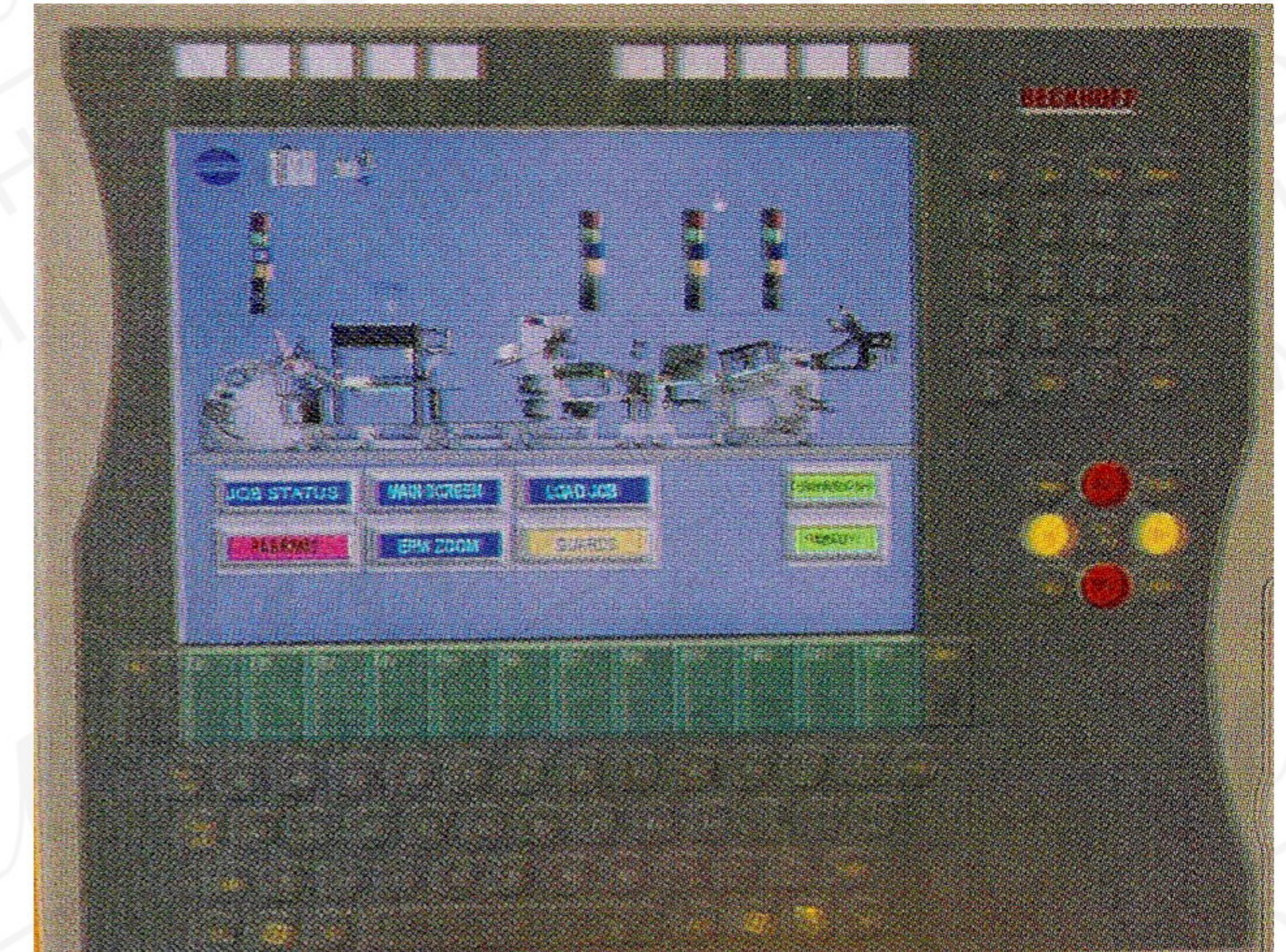


Servo-Rotamatic

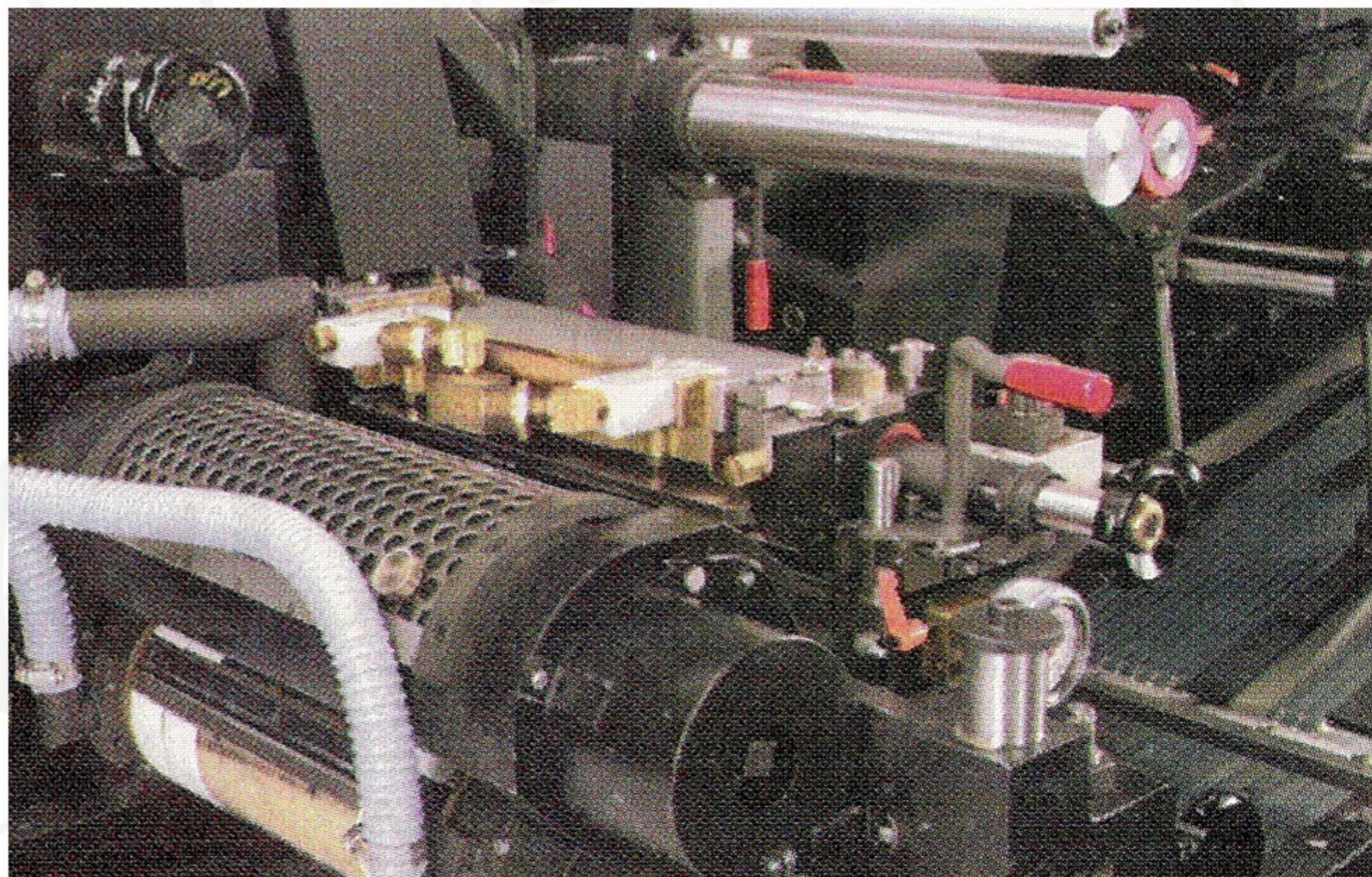
F. L. Smithe **SR**



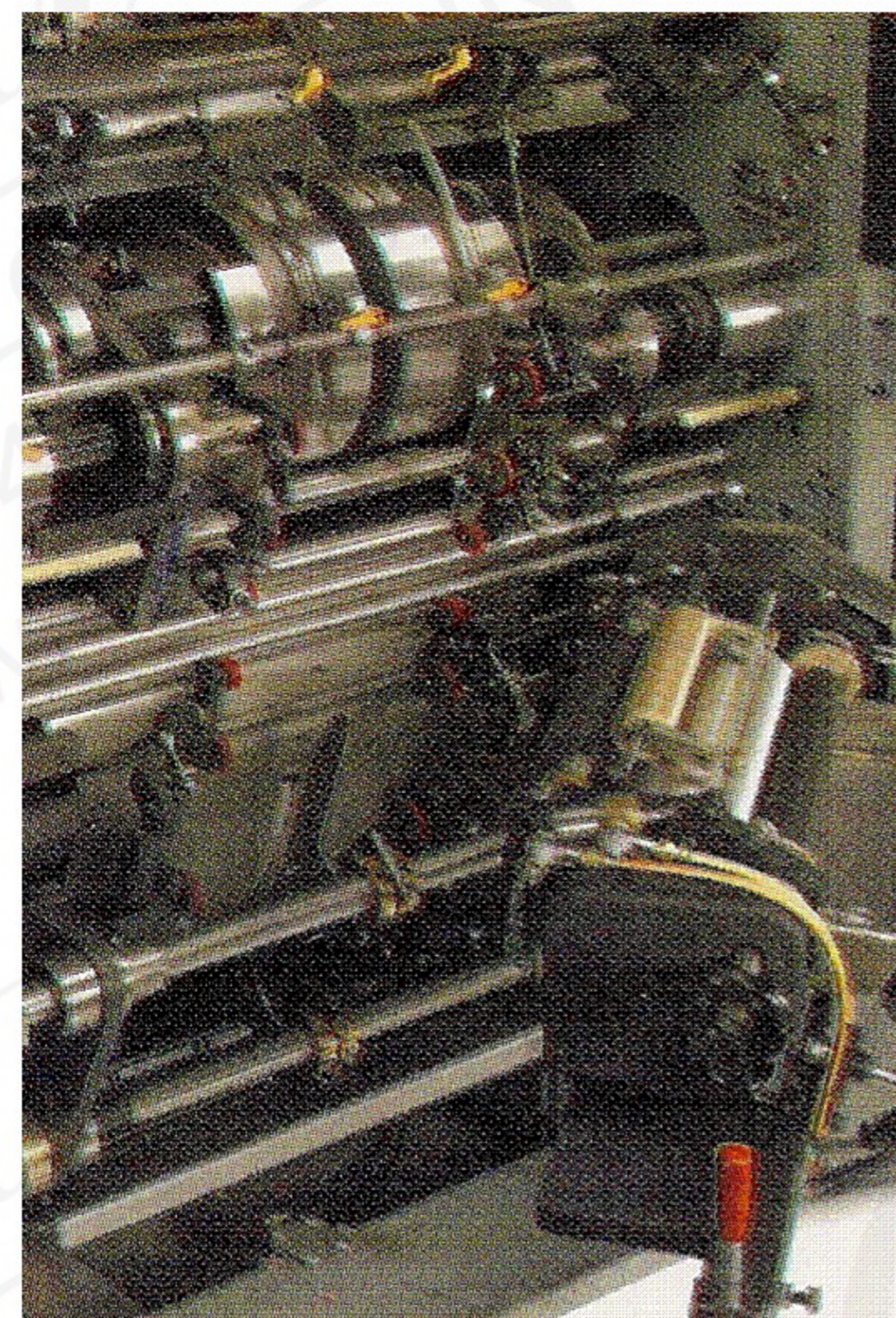
For panel cutting the SR uses either a standard high-die assembly or an optional magnetic/flexible die system. The panel cutter assembly has a lateral adjustment of +/- 2 inches. Zero degree cutting against a stationary cutting bar produces precise and efficient panel cutting. An optional second panel cutter can be added to the SR system.



The SR TouchScreen Operator Control Console is located directly over the delivery table area of the machine, and is easily adjusted to a variety of positions. The TouchScreen is easy to use and constantly provides for a clear display of all operating parameters of the system. Upcoming jobs can be loaded into the SR at the same time the current job is running, a valuable feature that minimizes change times.



The SR's new servo-controlled SRP Patcher system handles patch widths up to 12 inches (305 mm) and lengths from .70 inches to 7.54 inches (18-192 mm) at all machine speeds. The SRP has 360 degree circumferential running adjustment and +/- 2" lateral adjustment. An optional second SRP patcher can be added to the Champion SR.



The seal flap gummer is located immediately after the collator section of the SR. Because the bottom flap of the envelope is folded and sealed prior to the collator, the seal flap gummer is located in an open area at the end of the machine allowing for easy adjuster access and efficient set-up. In addition, the same gumbox can be utilized for the application of latex, with only the addition of a timed-seal style gummer assembly.

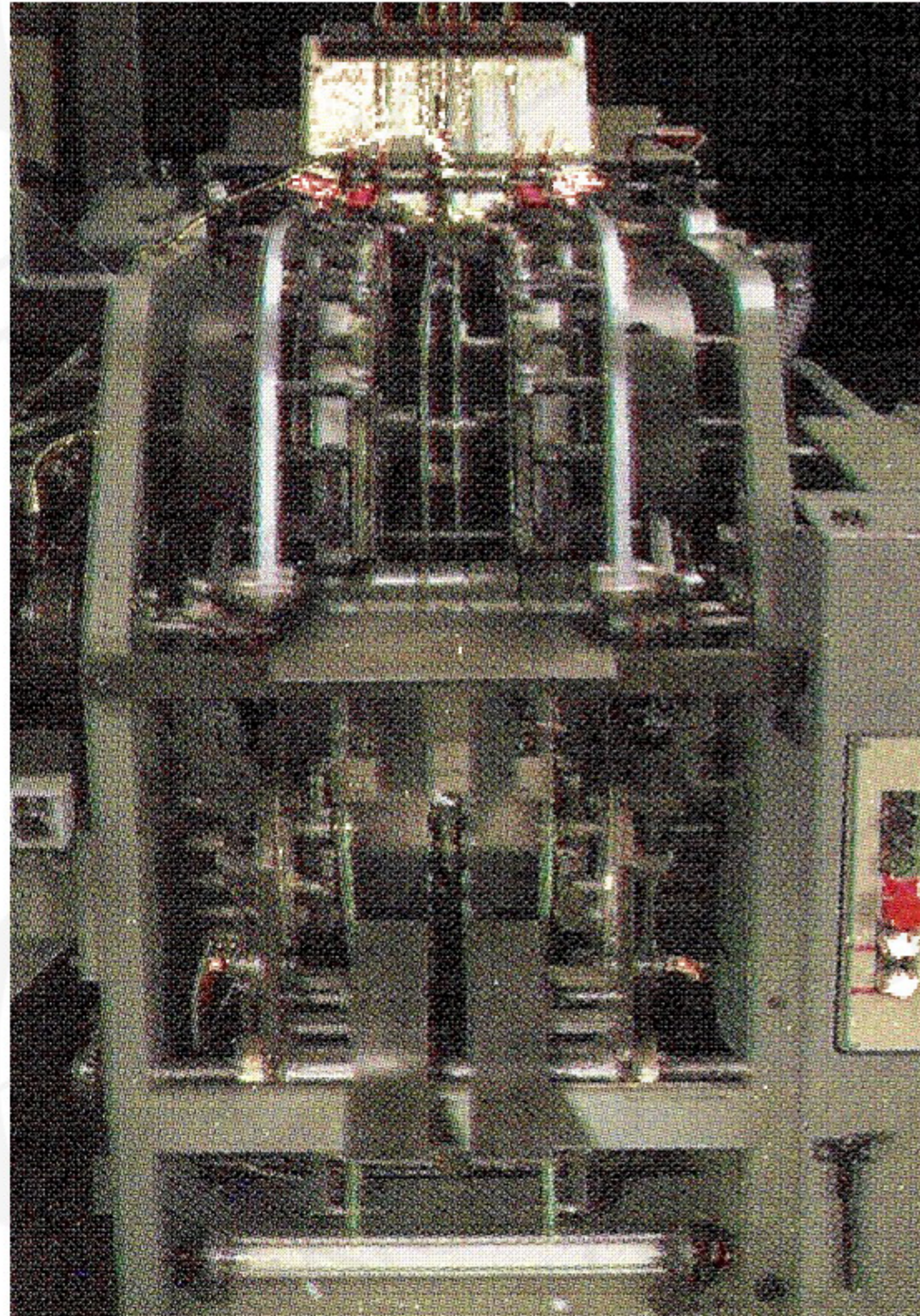
Curtius
TECHNOLOGIES, INC



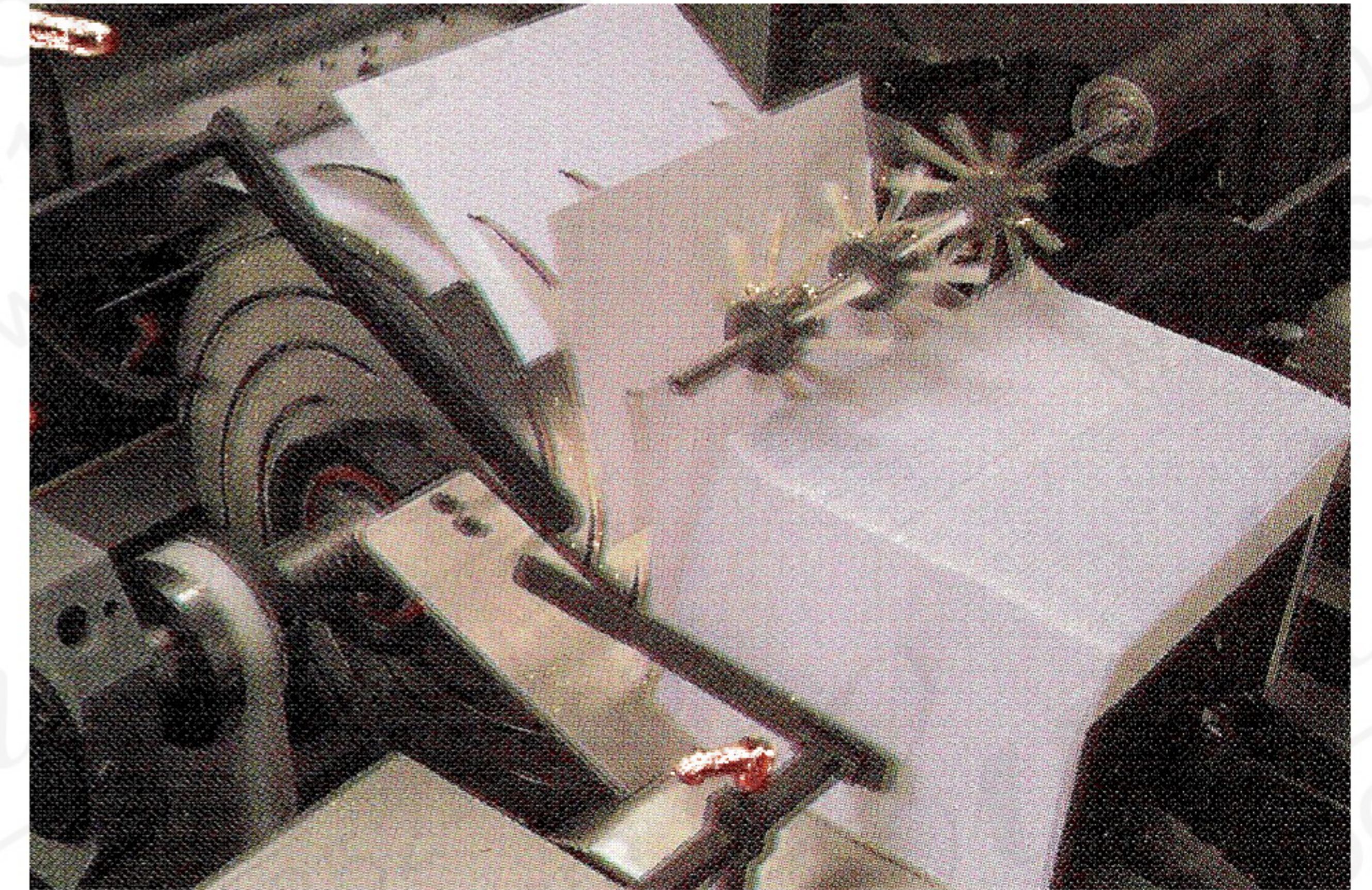


Servo-Rotamatic

F. L. Smithe **SR**



The SR incorporates a servo-driven aligner section with independent running adjustments to compensate for minor differences caused by envelope style or paper variations. Included within the aligner section of the SR is an operator-controlled automatic envelope shunt system resulting in faster size changes and less start-up waste.



The SR delivers finished envelopes to an ergonomically designed adjustable-height delivery table. The position of this delivery table and the cabinetry of the SR will accommodate a variety of semi-automatic and automatic packing systems. The flexible open arrangement of the delivery table allows packed envelopes to be discharged to either side of the machine.

Technical Specifications

F.L.Smithe Champion Model SR Servo-Rotamatic Envelope System

Maximum Production Speed: Blank-fed: 1000 envelopes per minute
Web-fed: 1200 envelopes per minute

Envelope Range: Minimum: 3" x 5" (76mm x 127mm)
Maximum: 7 1/4" x 13" (184mm x 330mm)

Maximum Printing Width: 18" (460mm)

Electrical Specifications:

(Total connected load in Amps without Vacuum & Pressure Pumps)

60 Hz				50 Hz		
208V	230V	460V	575V	380V	415V	440
332	300	150	120	182	167	157
-amps-						

Net Weight of Basic SR Blank-fed Machine: Approx. 32,800lbs (14,910kg)

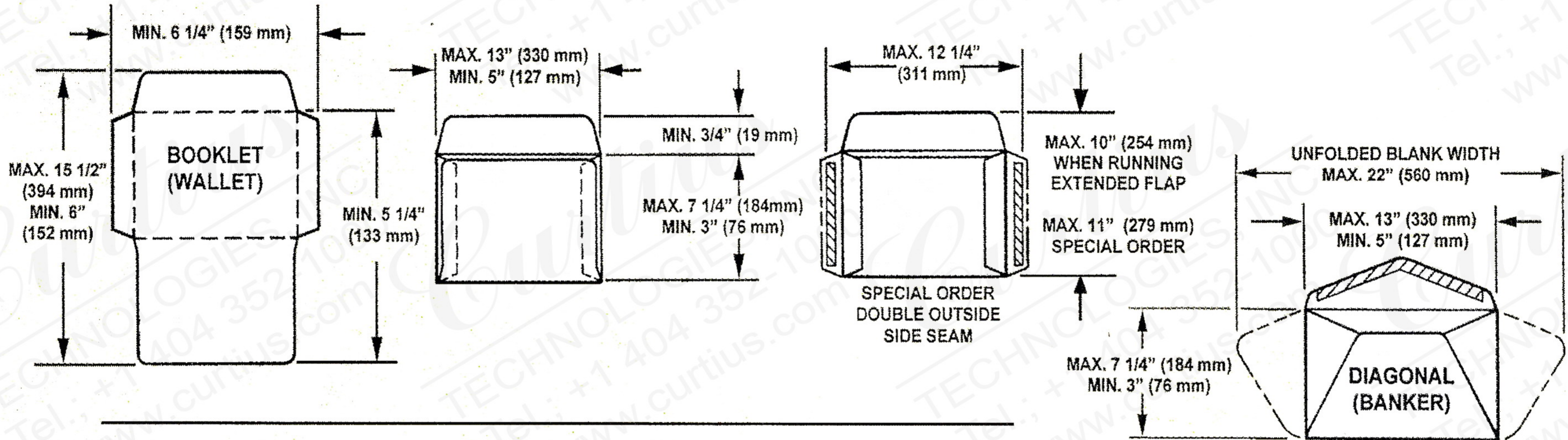
Net Weight of Combination SR Machine: Approx. 40,600lbs (18,455kg)

Net Weight of Web-only SR Machine: Approx. 36,600lbs (16,636kg)





Champion SR: Die Cut Envelope Range



Champion SR: Panel Cutting & Patching Range

