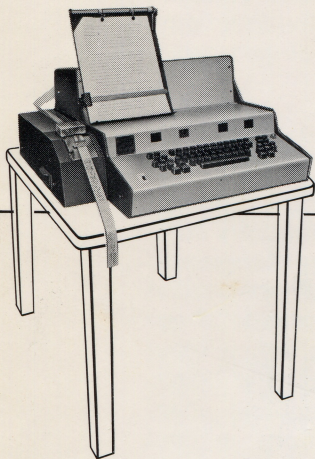
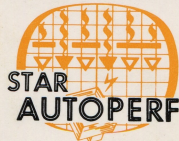


THE NEW STAR
"INTELLIGENT"
TAPE PERFORATOR.

STAR AUTOPERF



THE NON-JUSTIFYING AUTOPERF



STAR ★ PARTS
COMPANY
SOUTH HACKENSACK, N. J.

A DIVISION OF **POWERS & EATON** *Industries, Inc.*

Unit-Count AutoPerf makes operator decisions automatically.

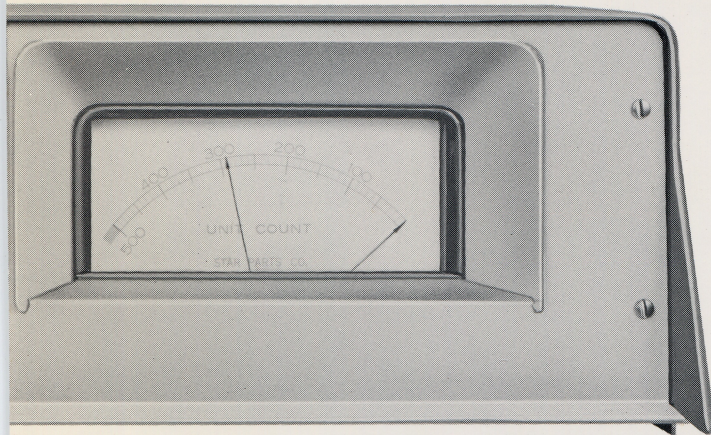
SMOOTH, TROUBLE-FREE OPERATION

The Star AutoPerf is a semiautomatic tape perforator with production capabilities limited only by the speed of the operator. In single column composition the AutoPerf makes over 80 percent of all line-ending decisions automatically. This relieves the operator of most nonproductive functions, and allows greater attention to copy and perforation.

EASY-READING INDICATOR DIAL

The Star AutoPerf is designed for use with unit-count matrices. Accumulated matrix widths are electronically indicated by a black pointer on a large dial.

Spaceband spread is shown on the same dial by a red pointer, providing the operator with constant visual indication of the line being set. When the two pointers cross, the line will justify.



AUTOMATION SAVES TIME

The Star AutoPerf is programmed to perform many operations automatically which improves operator output. Control switches select various automatic systems of operation so the AutoPerf, without further attention from the operator,

will insert RETURN and ELEVATE codes instead of a spaceband whenever the line reaches justification range. This system functions without operator decision for ending the line, except when a line is over-set or hyphenation is required.

Programmed intelligence
ends 80% of single column
straight-matter lines.

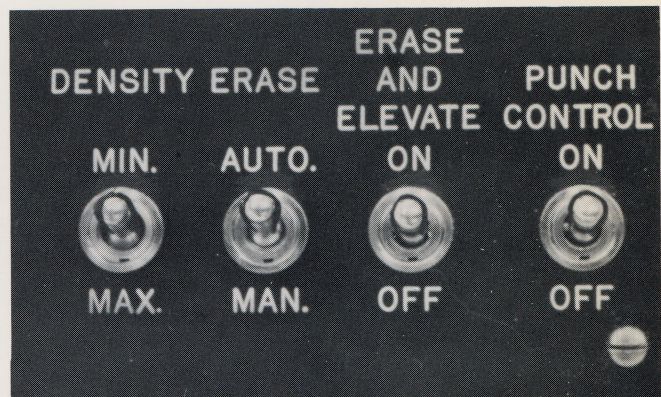
Combined functions
eliminate thousands
of unnecessary keystrokes.

TIGHT LINES EASILY CORRECTED

When a line is overset, the keyboard temporarily locks. Then the tape automatically reverses to the last spaceband, excess characters are rubbed out, and the indicating dial resets to the shorter character count. Because a spaceband usually is not within justification range, the AutoPerf stops and the line is manually completed. However, when the DENSITY switch is in MAX position, a spaceband can be within justification range. Then the AutoPerf erases the spaceband signal, adds RETURN-ELEVATE, and automatically ends the line.

CONTROLLED AUTOMATION

The AutoPerf switches may be set in a variety of ways to suit the kind of composition being performed. For instance, automatic back-up and erasure on tight lines may be manually controlled from the keyboard, as can the automatic insertion of RETURN-ELEVATE codes. If required, the control switches can be set for a non-automatic perforation system as has been used in the past.



FEWER KEYSTROKES

RETURN and ELEVATE signals are punched simultaneously by depression of only one key, while the shift and unshift functions may also be operated from a single key, similar to that of a typewriter. The latter two features alone eliminate thousands of unnecessary keystrokes every day.

Easy transition
from business typewriter
to AutoPerf operation.

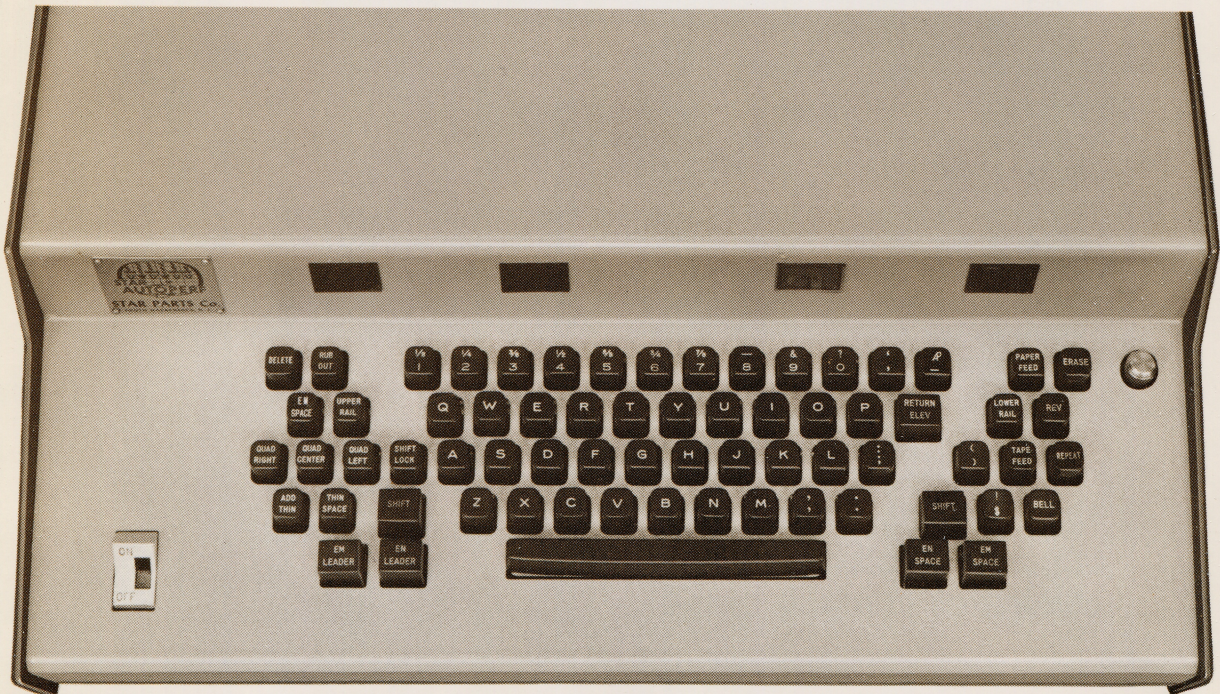
One-key memory allows
high speed perforation
without keybutton lockout.

EASY TO LEARN

The keybutton arrangement of the AutoPerf keyboard is nearly identical to that of an electric typewriter. The touch is light and is quickly adjusted to individual preference. Extra keys for machine functions are slightly separated from the main keyboard and are placed to the right and left of the normal keyboard buttons. The SHIFT and the RETURN-ELEVATE key tops are larger than standard, for ease of operation. Operators who have trained on standard business electric typewriters find the transition to the Star AutoPerf easy and natural.

HIGH-SPEED KEYBOARD

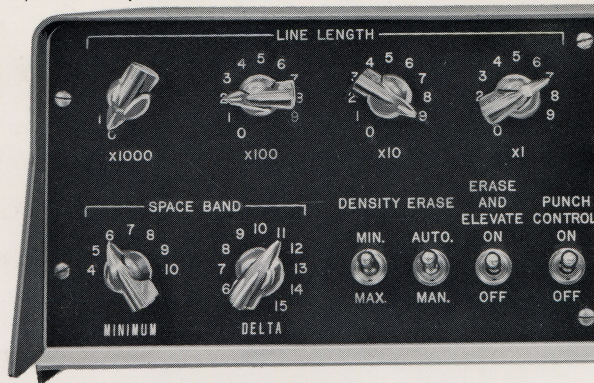
Because operators perforate frequently-used letter combinations, such as "ing" and "ent" at extremely high speeds, a unique one-key memory storage prevents keyboard interlock when two keys are struck almost simultaneously. Repeat and automatic rub-out signals are perforated at 50 per second, while production perforation can be accomplished at speeds up to 25 characters per second. These "Speed" features have led experienced perforator operators to comment on the ease of AutoPerf operation.



Control panel adjusts
for line length, spacebands
by quick turn of knobs.

QUICK, SIMPLE LINE-LENGTH CHANGES

Line length is set by four knobs, and spaceband expansion information by two knobs. These changes can be made in a few seconds, without the need for setting adjusting screws. The entire counting mechanism of the Star AutoPerf is controlled by solid state electronics, making it split-hair accurate, dependable and maintenance free. Four small lighted panels indicate TIGHT LINE, UPPER RAIL, SHIFT position and JUSTIFICATION range.



NO TIGHT OR LOOSE LINES

To prevent loose lines the RETURN-ELEVATE key is locked out until the line is full enough to justify. Only when automatic quadding is required can the line be ended short of full justification.

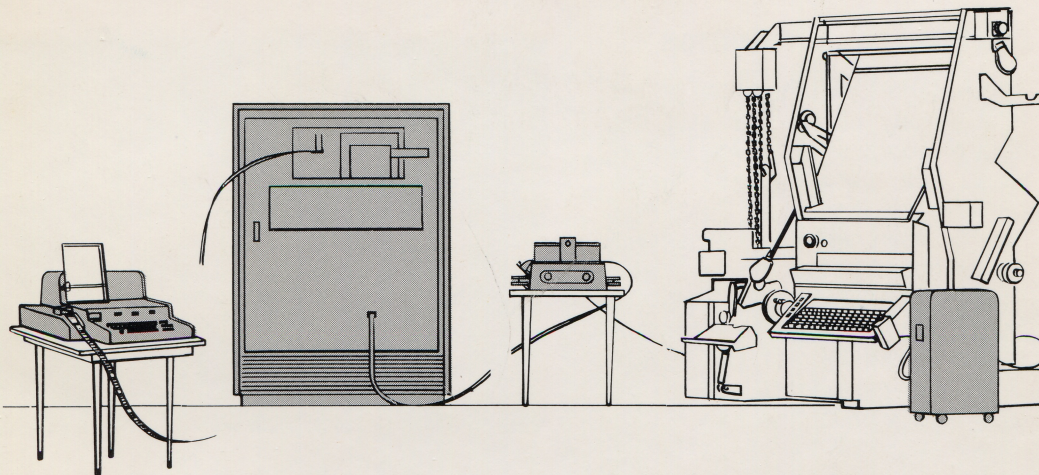
Tight lines cannot be elevated, because the keyboard locks when a line is overset. However, the ERASE button will rub out the last word automatically, unlock the keyboard and allow the line to be corrected and properly justified. Prevention of tight and loose lines eliminates some of the major causes of spaceband and matrix damage. Because of fewer stoppages, machine production is increased substantially.

Tight or loose lines
impossible to elevate-
eliminates machine stops.

Non-counting AutoPerf
brings new features
to computer perforation.

SIMPLIFIED AUTOPERF FOR COMPUTER TAPE

The non-justifying AutoPerf for computer perforation has the same easy-to-learn, light-touch keyboard as the automatic model. Space and leader key-buttons are convenient to the spacebar and "function" key-buttons are separated from the main keyboard section. Indicator panels light for RAIL and SHIFT positions, and a touch-control adjusts the keyboard to individual preference. All tape code combinations are available from the keyboard, including quadding and magazine shifting functions.



PERFORATOR

COMPUTER

AUTOSETTER
READER

AUTOSETTER
CONSOLE



STAR PARTS Co.
SOUTH HACKENSACK, NEW JERSEY

A DIVISION OF **POWERS & EATON Industries, Inc.**

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