

# FAIRCHILD TTS® UNIVERSAL PERFORATOR



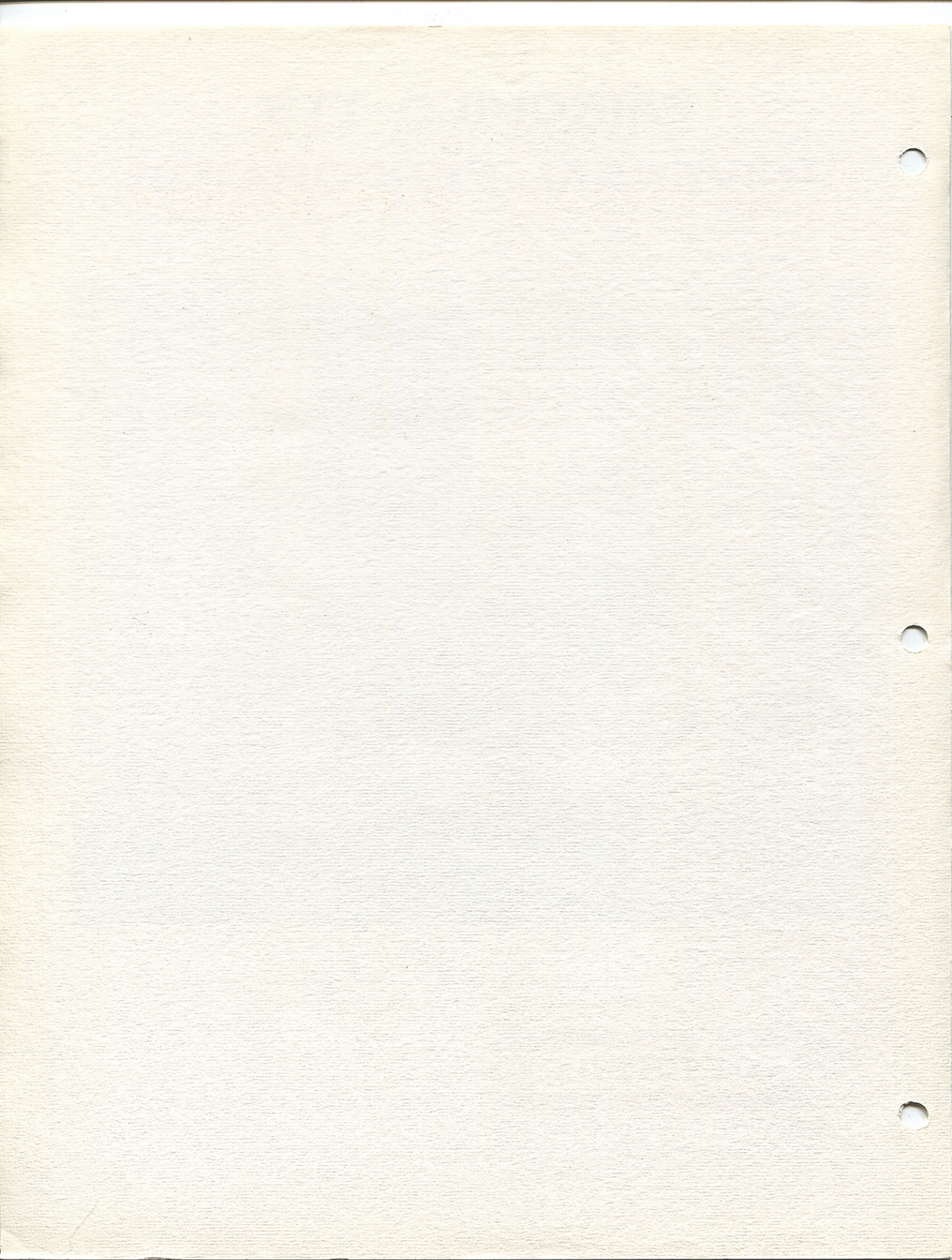
**FAIRCHILD**

**GRAPHIC EQUIPMENT**

A DIVISION OF FAIRCHILD CAMERA AND INSTRUMENT CORPORATION

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# FAIRCHILD TTS<sup>®</sup>

## UNIVERSAL PERFORATOR

Fairchild now has added the completely new Universal Perforator to the Teletypesetter system. The Universal Perforator is specifically designed for setting straight matter on non-mixer linecasting machines or complex composition for mixer linecasting machines. It will efficiently handle a wide variety of composition encountered in commercial shops as well as in newspapers.

The Universal Perforator incorporates many new important features. Some of these features are the result of our customer's suggestions, and others are the result of Teletypesetter's 30 years of experience in automatic tape operation of linecasting machines. The principal features of the new Teletypesetter Universal Perforator are:

1) The Universal Perforator contains two separate counting magazines which permit the selection and accurate counting of matrices from any two fonts of type — either unit or non-unit.

Now tape setting of two different fonts of matrices in the same line with the accurate counting of the matrices in both fonts is possible with the Universal Perforator. It is a *true mixer* Perforator.

In newspaper composition, the operator can change from a news font to a classified font by merely depressing a key on the Universal Perforator keyboard. If the column measure is the same, no changes are required to change from news to classified or vice versa. If the column measure is different, it can be changed by the operator in a matter of seconds.

2) The Universal Perforator has a light touch which is adjustable by means of a knob to suit the preference of the operator — increases production and minimizes fatigue.

3) The keytops are of a new design which fits the contour of the operator's fingers and permits easy insertion of new characters.

4) The Teletypesetter Universal Perforator contains a binary, electro-mechanical counter capable of very accurately counting any font of matrices, even if the matrices are over one-quarter of an inch in thickness.

5) The counting scale is calibrated in picas. This means that the indicator pointer can be set to the column measure desired in picas *without* referring to a chart. In fact, the picas on the scale are enlarged to almost twice the size, so as to increase the accuracy and ease of setting justified lines.

6) A new add-thin space pointer is provided which tells the operator at a glance, without any mental calculations, if the line will justify when a thin space is added with each spaceband.

When the red matrix indicator pointer is between the yellow pointer and the white pointer, the operator knows that the line will justify if a thin space is added with each spaceband. If the indicator pointer is between the white pointer and the black or zero area on the scale, the operator knows that the line will justify without any additional space being added.

7) The Universal Perforator has easily seen indicator lights that show the operator when he is in the shift or unshift positions, when he is using the upper magazine or lower magazines, when he is in the upper rail or lower rail positions, and when he is approaching justification range.

8) The scale is also stationary at all times; only the pointers move. This eliminates scale vibration and aids the operator in locating the justification range since the justification area is always in a fixed position.

9) A built-in tight line buzzer is incorporated as standard equipment. It warns the operator the instant the line is too long to fit between the vise

jaws of the linecasting machine — no expensive “tight” lines.

10) Since counting on the Universal Perforator is actual and not proportional, the spaceband pointer adjustments do *not* have to be made when changing from one type size to another, or when changing from one face to another.

The only time the spaceband pointer adjustments have to be made is when different size spacebands are to be used.

11) The knurled thumb knob on the tape feed is especially designed for easy “back-up” of the tape.

12) The counting blades are stamped in thousands of an inch. This feature permits a different matrix to be run in a channel of the magazine by merely measuring the thickness of the matrix with a micrometer, selecting the proper counting blade in accordance with this thickness, and placing it

in the proper channel of the counting magazine.

13) The roll of tape lies in a horizontal position which makes the insertion of a new roll very easy.

14) The base casting contains casters for easy maneuverability during maintenance.

15) Twin code bars with rocking action are provided—essential for maximum production and reliable operation.

16) The cover is of modern design and is lined with sound deadening material so that the Perforator can be placed anywhere.

17) The Universal Perforator is capable of being operated at a speed of 900 keystrokes per minute — the equivalent of 150 words per minute.

For additional information on the Teletypesetter Universal Perforator, consult your Teletypesetter representative or write to:

The logo consists of two thick, horizontal red bars. Between these bars, the word "FAIRCHILD" is printed in a bold, black, sans-serif font. Below the second red bar, the words "GRAPHIC EQUIPMENT" are printed in a smaller, black, sans-serif font. At the very bottom, in a very small font, is the text "A DIVISION OF FAIRCHILD CAMERA AND INSTRUMENT CORPORATION".  
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