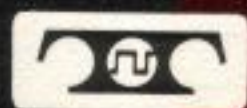
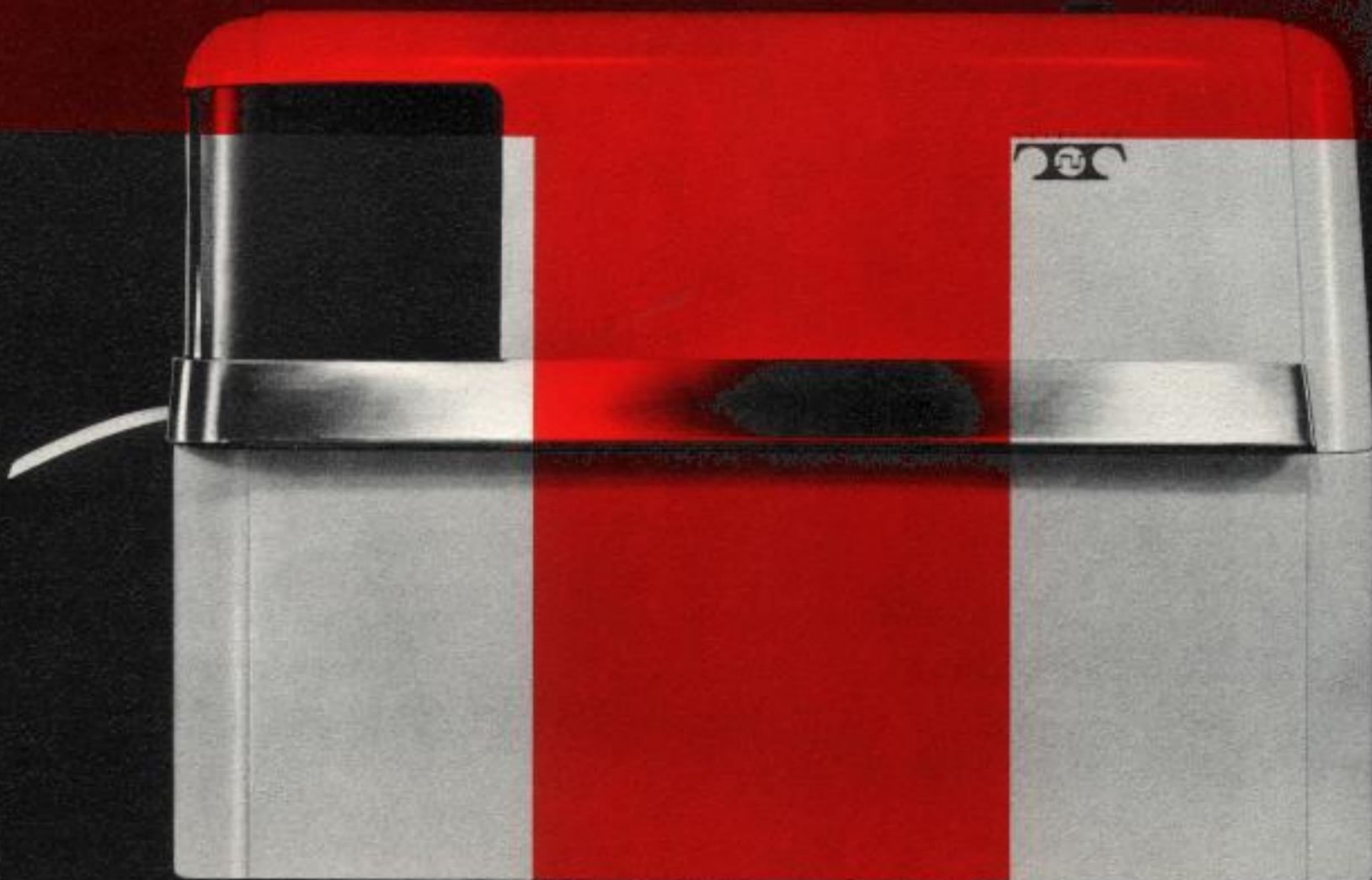


# Model 28 Typing Tape Punch

LPR REPERFORATOR



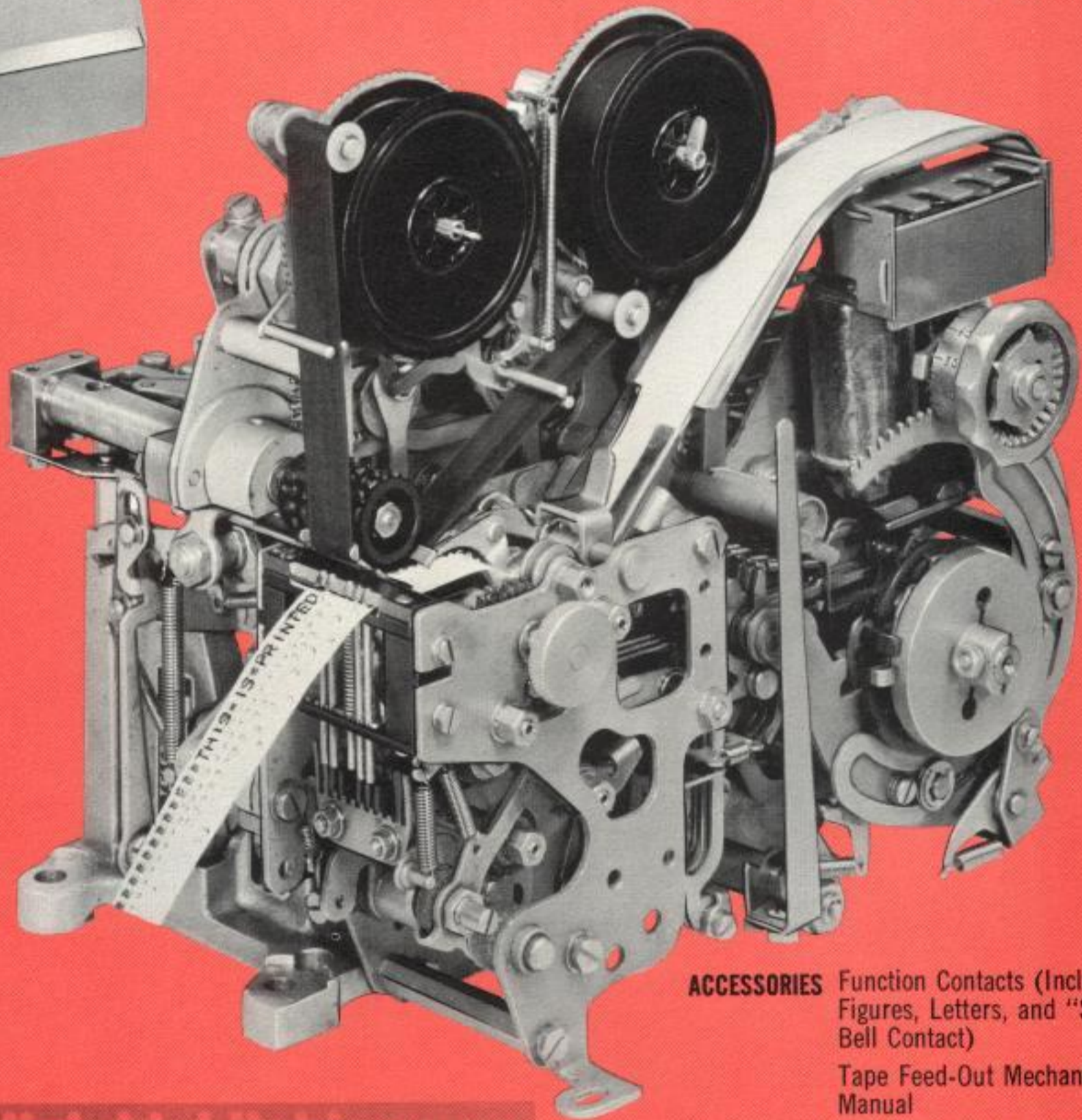
**TELETYPE**<sup>®</sup>

CORPORATION SUBSIDIARY OF WESTERN ELECTRIC COMPANY





Detailed view of the punching and printing unit.



- ACCESSORIES** Function Contacts (Includes Figures, Letters, and "S" or "J" Bell Contact)
- Tape Feed-Out Mechanism—Manual
- Non-Interfering Blank Feed-Out Mechanism—Automatic
- Three-Speed Gear Shift Assembly
- Code Reading Contacts for Parallel-Wire Output
- Back Space

THIS IS PRINTED FULLY PERFORATED TAPE

THIS IS PRINTED PARTIALLY PUNCHED TAPE



The Teletype Model 28 typing tape punch is a receiving-only, 5 level reperforator actuated by incoming serial line signals. This self-contained, electro-mechanical unit is designed to operate at 100 words per minute.

It fills the need of various message and data communications systems as well as IDP communications applications.

The set consists of a typing tape punch, base, motor and cover, and is available in standard size or new miniaturized versions.

### **SIMULTANEOUSLY PUNCHES AND PRINTS ON TAPE**

The unit includes a tape punch and a printing mechanism to simultaneously punch and print information in tape.

This tape punch is designed to operate at 100 words per minute; gears are available for lower speeds. An optional gear shift mechanism permits instantaneous manual switching for operation at 100, 60 or 75 words per minute.

Both visual and audible "replace tape" alarms are available. Light in weight, yet rugged enough to withstand the rigors of vibration, this set is unrivalled for dependability.

At 100 words-per-minute operation, *nine million words* may be processed before lubrication is recommended. All components are designed for easy disassembly and maintenance.

Variations of this unit are used in the Teletype Model 28 automatic send-receive set as a basic punch and as an auxiliary typing reperforator. It also is used in the Teletype reperforator-transmitter set. In addition, it may be gang mounted for use in switching centers.

An optional backspacing feature can be provided to facilitate error correction.

### **TAPE PUNCHING**

Two types of punching mechanisms are available—one produces partially punched tape and the other supplies the fully perforated variety. Both have the message imprinted on the tape.

### **TAPE PRINTING**

Printing on fully perforated tape appears in the spaces between feed holes and on partially punched tape along the upper edge (see illustration).

A readily interchangeable typing wheel provides for evenly spaced printing. Punching and printing occur

simultaneously in every operating cycle of the unit with each character being imprinted six spaces behind its respective punched code.

Standard symbols are used for printing on such functions as shift, unshift, line feed, carriage return, blank and space. The regular typewriter ribbon reverses automatically during the course of the set's operation.

### **APPLICATIONS**

At communications relaying stations the unit automatically receives and stores information in tape for transmission to other locations. The printed characters on the tape assure quick identification for proper disposition.

For monitoring purposes the LPR provides a by-product tape or "home" record of all message traffic on a specific outgoing circuit. This by-product tape may be used to duplicate any part or all of a message that has been sent.

In IDP centers this set can be used to combine information from several sources into a single tape. This tape may be used over and over again, eliminating repetitive manual typing operations.

### **COMPONENTS**

The base section of the set is composed of two sturdy metal plates separated by resilient mounts. This assures noise isolation and vibration absorption. Finger grips for easy carrying are on each side of the base.

Standard 65 watt, 115 volt, 60 cycle, a. c. synchronous motors are available in the LPR, as well as optional governed motors. These specially designed Model 28 motors are equipped with oversize ball bearings for long life and trouble-free operation.

The cover provides a dust-free, noise-reducing enclosure for the entire set. Styled for good appearance and compactness, it has a "clear-view" plastic window for observation of punching and printing operations.

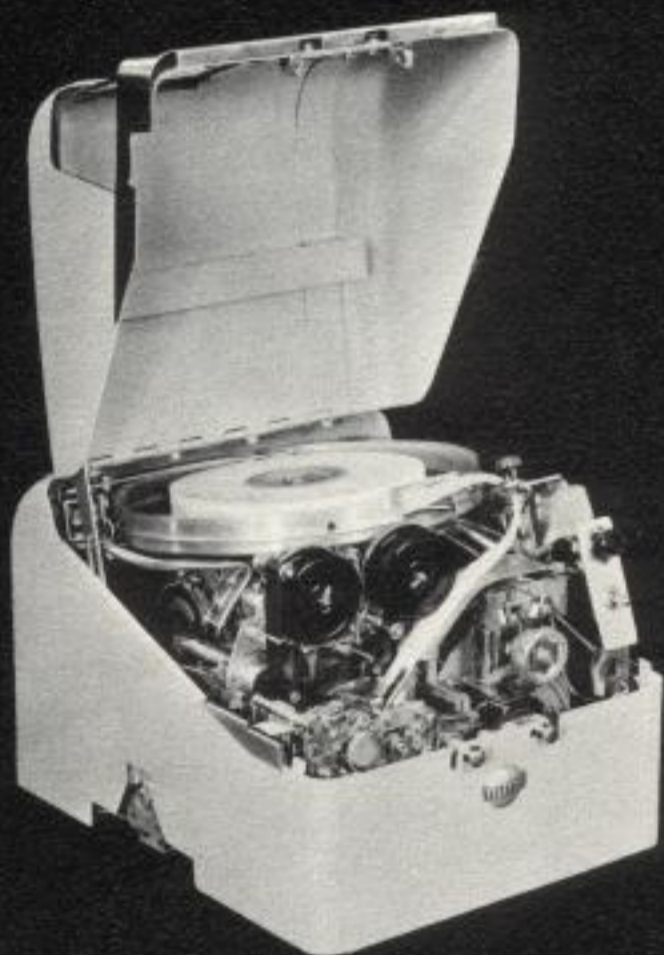
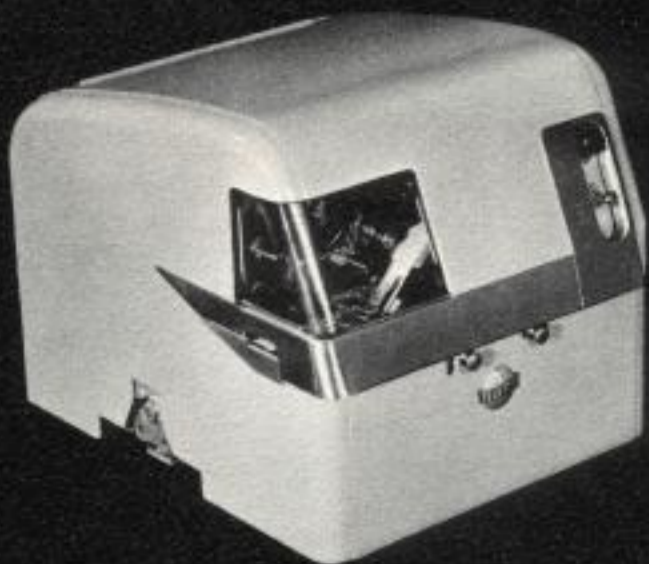
The LPR is 9¼ inches high, 13 inches wide, 14⅛ inches deep, and weighs approximately 48 lbs.

The LPR tape punch comes in a wide range of colors to match or contrast with office appointments. Optional tables, built to accommodate the set, also are available in colors to match.

An applications engineer, experienced in the uses of this tape punch, is at your service. Call or write to him soon. He's anxious to give you complete information or assistance with the LPR or any unit manufactured by the Teletype Corporation.



# The LPR Miniaturized



## Newest Member of Teletype Corporation's famous Model 28 Line of Equipment

The new miniaturized LPR, shown here with cover in place, occupies less than one cubic foot of space. The punching and printing unit in this set is identical to that used in the standard size LPR. This set also can be equipped with the same accessories available with the standard LPR. A 72 watt, 115 volt, 60 cycle a. c. miniaturized motor supplies dependable power for the unit while saving space. The entire set measures approximately 9 inches high, 9 $\frac{3}{4}$  inches wide, 12 inches deep, and weighs 40 lbs.

The miniaturized LPR shown with cover open. Only slight design modifications of the standard size LPR set were made to accommodate the smaller cover. This unit, as its larger counterpart, can be safely operated for 24 hours a day for weeks on end without overheating or failure of parts. This equipment assures you that the finest material, in the hands of skilled communications craftsmen, has been utilized throughout the set—a part of the Model 28 line.

### SPECIFICATIONS

	Standard LPR	Miniaturized LPR
<b>POWER REQUIREMENTS:</b>	Standard Synchronous Motor Unit, 65 watt, 115 volts, 60 cycle, a. c. Optional motors available for specific customer requirements.	Miniaturized motor unit, 72 watt, 115 volts, 60 cycle, a. c.
<b>DIMENSIONS:</b>	9 $\frac{3}{4}$ inches high, 13 inches wide, 14 inches deep.	9 inches high, 9 $\frac{3}{4}$ inches wide, 12 inches deep.
<b>WEIGHT:</b>	Approximately 48 lbs.	Approximately 40 lbs.
<b>FINISHES:</b>	Available in various colors.	Available in various colors.

Teletype Corporation manufactures the LPR for the Bell System and others who require the utmost reliability from their message and data communications systems.

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