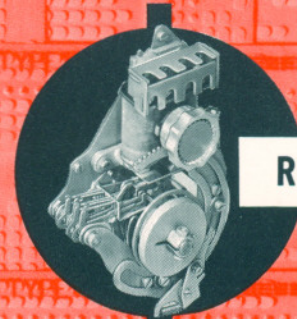
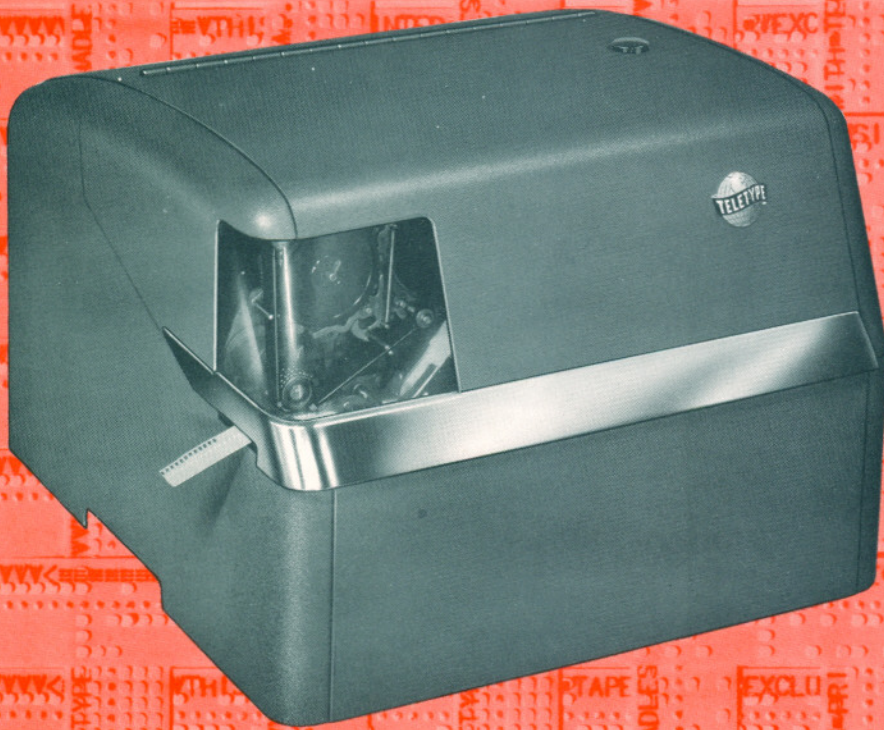
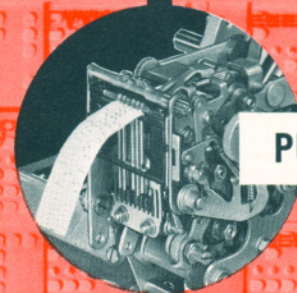




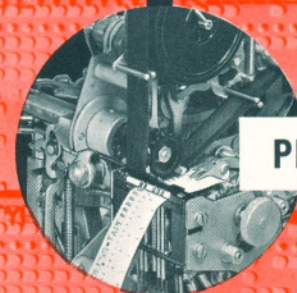
# TYPING REPERFORATOR SET (TYPE LPR) TAPE PUNCH



RECEIVES



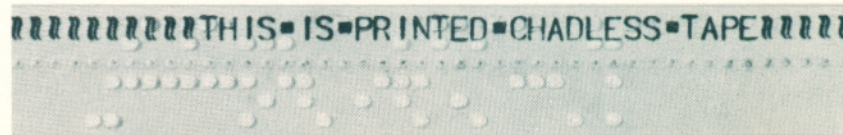
PUNCHES



PRINTS

PRODUCES

**TELETYPE**<sup>®</sup>  
**CORPORATION**  
SUBSIDIARY OF *Western Electric Company* INC.



This is 5-Level PRINTED CHADLESS TAPE . . . Exclusive with Teletype

TELETYPE

model

28

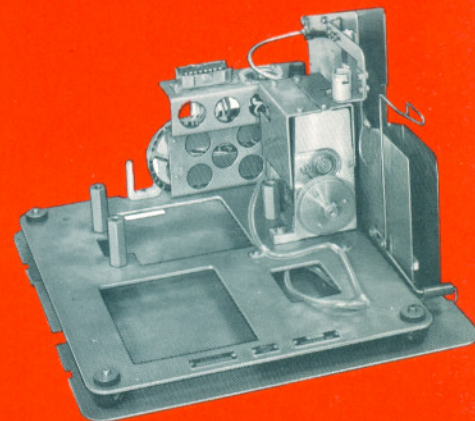
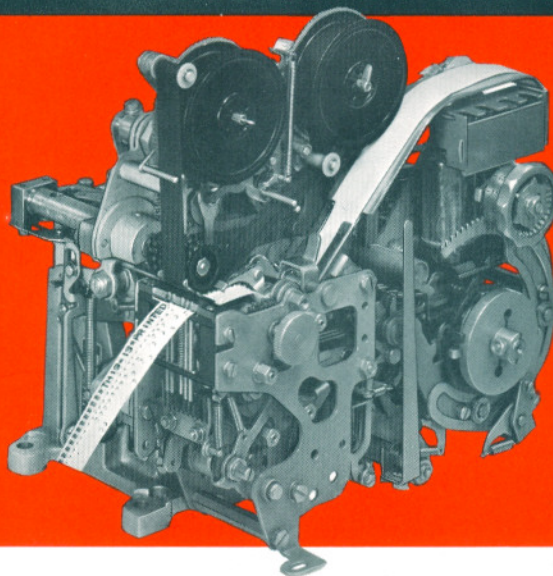
THE  
LEADERSHIP  
LINE

## TYPING REPERFORATOR

## TYPING TAPE PUNCH

## BASE

## COMPONENTS



The typing reperforator consists of a tape punch and printing mechanism actuated by incoming line signals to perforate information in tape while simultaneously printing on tape.

The contents of the resultant 5-level printed chadless tape can be identified quickly even by personnel untrained in reading code combinations. The typing reperforator is designed to operate at 100 WPM . . . gears are available for lower speeds . . . an optional, accessory gear shift mechanism permits instantaneous manual switching from 100 to 60 or 75 WPM. Operation is fully automatic except for replenishing the tape supply and pushing the "on-off" switch. Both visual and audible "replace-tape" alarms are available. Light in weight . . . yet rugged enough to withstand adverse vibration. Unrivalled for dependability . . . continuous trouble-free operation is assured.

In actual operation, at 100 WPM . . . 9,000,000 words may be processed before lubrication is recommended. All components are designed for easy disassembly and maintenance. Unique in its versatility . . . variations of this unit are also used in the Teletype Model 28 Automatic Send-Receive Set console as a basic punch and as an auxiliary typing reperforator. It is also used in the Teletype Reperforator-Transmitter Set. In addition, it may be gang or shelf mounted for use in switching centers.

**Tape Punching.** 5-level, Baudot Code, printed chadless communication tape is produced by the Teletype Model 28 Typing Reperforator. This code has been generally adopted as the "common language" medium for use in the exchange of information between various types of business machines. Standard 11/16" perforator tape feeds

from right to left through the 5-level "common language" punch block. The resultant printed "chadless" tape eliminates chad disposal problems . . . assures clog-free operation.

**Tape Printing.** A readily interchangeable, durable typing wheel provides for evenly spaced printing . . . clearly legible, without scoring or smudging. Printing and perforating occur simultaneously in every operating cycle of the unit with the printed character being imprinted 6 characters behind the punched code hole as the tape is being read from left to right. Standard Teletype symbols are used for printing on such functions as shift, unshift, line feed, carriage return and space. Ribbon travel reverses automatically without causing light printing of characters.

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

The sturdily constructed base section of the LPR Set provides facilities for mounting the typing reperforator, motor, cover, components and accessories. The base section is composed of two metal plates. The bottom plate is separated from the top apparatus mounting plate by resilient mounts. Noise isolation and vibration absorption are assured. A tape supply container, "on-off" power switch and bracket for mounting terminals, connectors and connector fuse are all part of the base unit. Finger grips for easy carrying are located on the sides of the base.

## ACCESSORIES

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

**NOTE:** While accessory equipment is primarily intended for factory assembly . . . field installations can be made with common bench tools.

Why not find out how these accessories can serve your needs . . . contact Teletype today!



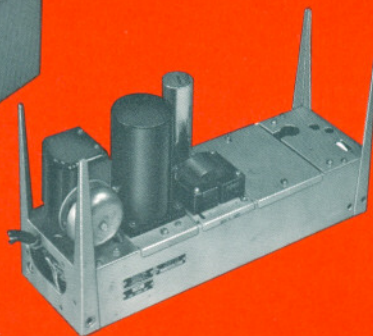
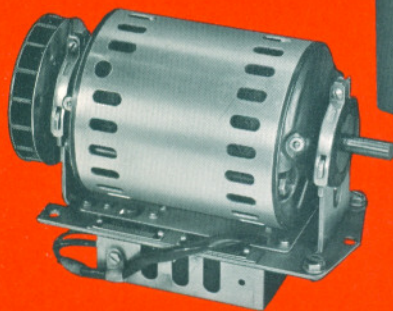
## RELAYING

Automatically receives and stores information in tape for relay to other destinations. The printed characters on the tape assure quick identification for proper disposition.

**SET**

# COMPONENTS APPLICATIONS ACCESSORIES

The Teletype Model 28 Typing Reperforator Set, type LPR, is a receiving-only, 5-level tape punch actuated by incoming line signals. It is self-contained and motor-driven. Electro-mechanically designed to operate at 100 WPM, this unit satisfies needs related to communication, IDP and automation. The set consists of a typing tape punch, base, motor and cover. An accessory table for mounting the set and an electrical service unit are also available.

**MOTOR****COVER****SERVICE UNIT****TABLE**

**Standard synchronous motor, 65 watt, 115 Volts, 60 Cy. A.C.** Designed especially for the Teletype Model 28 Line of Equipment. Features quiet, dependable operation. Noise is minimized by resilient mounting. Ball bearings are greatly oversize for long life and trouble-free operation. The starting switch has been eliminated by the use of a rugged external starting relay removing the need for opening the motor to service an internal starting switch. Governed motor is also available. Teletype equipment engineers will be pleased to aid in satisfying your specific communication needs.

**The cover provides a dust-free and noise reducing enclosure** for the Teletype Model 28 Receiving-Only Typing Reperforator Set. Styled for good appearance and compactness. "Clear-view" plastic window allows for observation of punch and print operations. The cover is of sheet steel, wrap-around construction . . . has no sharp corners. Red translucent button for observing "replace-tape" lamp is located in top of cover. Friction arm holds lid in raised position for changing ribbon and loading tape. Available in gray-green wrinkle and other finishes.

**The electrical service unit serves as a point of concentration for electrically interconnecting** the receiving-only typing reperforator set with external and auxiliary apparatus circuitry. This unit mounts the rectifier assembly, line relay mounting assembly, "replace-tape" alarm signal bell and other accessory units. Measures 15-5/32" x 4-5/8" with a height of 3". Four corner legs extend 5-1/8" from chassis to permit the unit to be inverted for easy servicing. The electrical service unit fits compactly into the lower rear portion of the Model 28 table.

**Harmoniously designed to blend with every decor . . .** this table will accommodate all Teletype Model 28 Equipment suitable for table mounting. The table features a desk type linoleum top with stainless steel molding over a sound deadened, sheet-steel sub top. Cable entry holes are provided. No sharp corners anywhere. Adjustable feet are provided for leveling—the table can be firmly bolted to the floor if desired. Measures 25-1/2" high x 20-1/2" wide x 18-5/16" deep. Approx. wt. 50 lbs. Available in gray-green wrinkle and other attractive finishes.

## TYPING REPERFORATOR SET APPLICATIONS

**MONITORING**

Provides a by-product tape or "home" record for storage of all message traffic on a specific circuit. This by-product tape may be used to duplicate any part or all of a message that has been sent or received.

**SWITCHING**

Used for automatic and semi-automatic switching . . . in central offices . . . on incoming, and "cross-office" circuits.

**INTEGRATED DATA PROCESSING**

Used to combine information from several sources into a single tape. This tape may be used over and over again to eliminate repetitive manual typing operations.

**5-WIRE PARALLEL OUTPUT**

Utilizes accessory reading contacts to perform a variety of special functions such as triggering auxiliary equipment.

TELETYPE  
model 28

THE  
LEADERSHIP  
LINE

## TYPING REPERFORATOR SET

## FEATURES SPECIFICATIONS

**MOTOR.** Specially designed to meet Teletype's exacting requirements . . . provides continuous, trouble-free operation.

**BASE.** Base plates, vibration and sound absorbent, assure smooth, quiet operation.

**RIBBON FEED ASSEMBLY.** Ribbon reverses automatically when end of spool is reached without interfering with printing of characters.

**PERFORATOR MECHANISM.** Punch pins positioned by mechanical operation that begins with action through linkages from selector. Punch block readily interchanged.

**TYPING UNIT.** Features a readily interchangeable, durable typing wheel. Prints individual characters corresponding to perforated code holes.

**RANGE SETTER KNOB.** Outstanding selector feature—positive action, self-locking knob.

**SELECTOR CLUTCH.** Features advanced all metal internal expansion principle which reduces wear and need for lubrication to a minimum.

**3-SPEED GEAR SHIFT.** Permits manual switching of speeds from 100 WPM to 60 or 75 WPM. Saves time in systems where there is a requirement for frequent shifting from one speed to another in the 3 operating areas.

**MOTOR SWITCH.** Rugged, easy to operate—flick "on" or "off."

**TERMINAL BOARD.** A central location for conveniently interconnecting internal and external circuitry.

**TAPE CONTAINER.** Protective enclosure for one 8 inch diameter, 1000-ft. roll of 11/16" wide paper tape . . . features easy insertion and removal of tape spool.

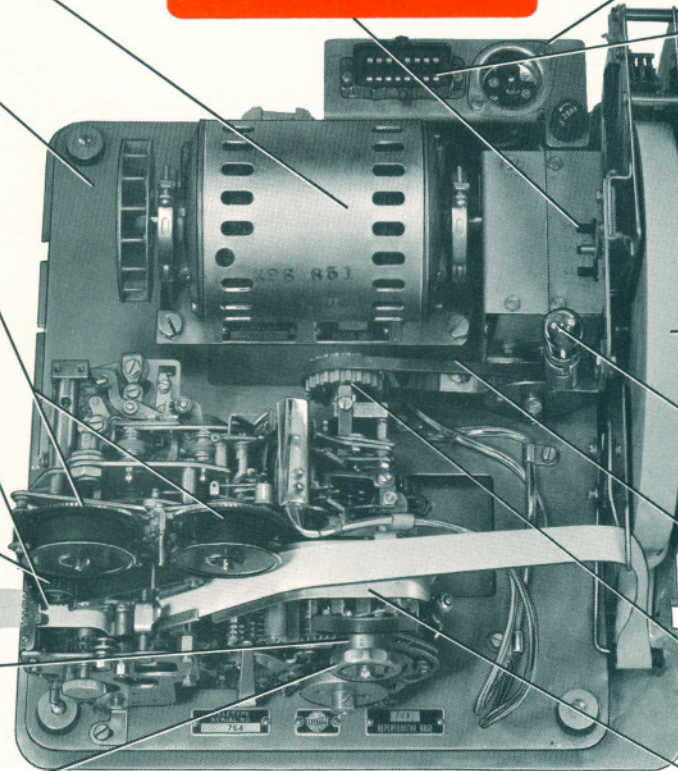
**TAPE.** 11/16" width, printed chadless tape, exclusive with Teletype . . . assures clog-free operation, eliminates chad disposal problems.

**REPLACE-TAPE LAMP.** Accessory lamp glows when it is time to replace tape roll.

**DRIVE BELT.** Provides positive, silent, non-slip, drive power to main shaft.

**MAIN SHAFT.** Precision-tooled, specially hardened steel . . . transfers rotary power for selector operation.

**SELECTOR.** Compact, proven selector receives incoming electrical impulses, converts them to mechanical action.



### FEATURES

## SPECIFICATIONS

### MODEL 28—TYPE LPR SET

**POWER REQUIREMENTS.** Standard Synchronous Motor Unit, 65 Watt, 115 Volts, 60 Cy. A.C. Optional motors are available for specific customer requirements.

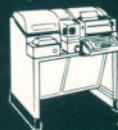
**DIMENSIONS.** (Less Table) Height 9 $\frac{1}{4}$ ", Width 13", Depth 14 $\frac{1}{8}$ ".

**WEIGHTS.** Total Weight, Receiving-Only Typing Reperforator Set (Less Table)—Approx. 48 lbs. Weight of Table—Approx. 50 lbs.

Domestic Shipping Weight (With Table)—Approx. 145 lbs. Export Shipping Weight (With Table)—Approx. 250 lbs.

**FINISHES.** Available in gray-green wrinkle and other attractive finishes.

## The Teletype Model 28 Line of Equipment



Automatic Send-Receive Set



Receive-Only Page Printer



Send-Receive Page Printer



Tape Reader



Tape Punch

## For Further Information . . . Contact:

**CHICAGO AREA**  
Teletype Corporation  
5555 Touhy Avenue  
Skokie, Illinois  
Phones: CORnelia 7-6700: Chicago  
ORchard 6-1000: Skokie  
Area Code 312  
\*TWX: SKOKIE, ILL. 3454  
W.U. Services on premises

**WASHINGTON**  
Teletype Corporation  
425 13th Street, N.W.  
Washington 4, D.C.  
Phone: METropolitan 8-1016  
Area Code 202  
\*TWX: WA 292

"Unattended Service" at these offices permits receipt of incoming communications after office hours.