TELETYPE

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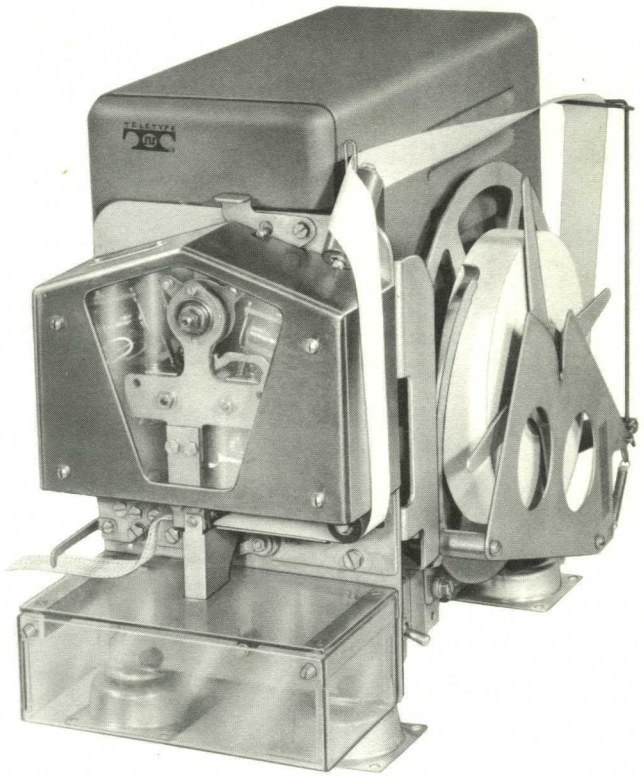
machines that make data move

Teletype BRPE high-speed paper tape punch



The Teletype BRPE is a high-speed paper tape punch that has found widespread use in many data communications systems. In these systems, the BRPE punch serves as a receiving terminal for data being transmitted from distant points over conventional telephone channels.

Other data communication uses

The BRPE tape punch can be used to combine data from various sources on one master tape which can then be relayed by high-speed or standard-speed tape reader sets to other offices or to associated equipment. The BRPE punch can also serve as a high-speed output device when connected with computers or other business machines.

The punched paper tape produced by the BRPE can be used repeatedly, saving time and manual typing.

Operates at 1050 wpm

Operating at 105 characters per second (1050 words per minute) or less when required, the Teletype BRPE punch produces fully perforated tape at 10 characters to the inch. It is available for punching 5, 6, 7, or 8-level codes into 11/16 inch, 7/8 inch, and 1 inch tape.

The BRPE is a synchronous, parallel-wire input electro-mechanical unit. Its punching mechanism continuously operates at rated speed under electric motor power, but punches only when permitted by magnet coils—one for each code level—in response to the received parallel-wire signal.

Controls for tape handling

Positive control over rapid start and stop movement of the tape reel is provided by a self-adjusting brake mechanism. Low tape contacts may be connected to an external, audible, or visual alarm to give warning when the tape roll is low.

A manual feed out lever provides a continuous ribbon of blank tape when desired such as at the end of a message. A transparent chad container allows the operator to see at a glance when it needs to be emptied.

The BRPE is driven by a heavy duty 115 volt synchronous motor that is equipped with an automatic thermal switch to provide protection against overload. AC and DC governed motors are available.

High-speed communications system

The BRPE punch is available either as a self-contained unit or in an upright cabinet with driving electronics for use as a receiving terminal in tape-to-tape communications systems.

The BRPE punch can be teamed with Teletype high-speed paper tape readers to give you a high-speed communications system that provides data transmission and reception over vast distances. The tape readers can be used as input devices for computers and other business machines.

For instance, the CX tape reader, which operates at 105 characters per second (1050 wpm), generates parallel-wire signals for serializing over communications lines.

Reliability and low cost

The Teletype BRPE and CX sets are made for the Bell System and others who require reliable communications at the lowest possible cost.

Information on other Teletype high-speed paper tape punches and readers, as well as the low-speed punches and readers, is available by contacting an applications engineer at our general offices address listed below.

TECHNICAL INFORMATION

Speed	—	60, 75, and 105 characters per second (600, 750, and 1050 wpm)
Bauds	—	600, 750, and 1050 at 8-level 10-unit code
Code	—	5, 6, 7, or 8-level including American Standard Code for Information Interchange (ASCII)
Tape	—	11/16 in., 7/8 in., or 1 in. wide
Power Requirements	—	115 V AC, 60 cps, single phase synchronous motor. AC and DC series governed motor also available
Maintenance Interval	—	Once a month or after 160 operating hours, whichever occurs first
Dimensions and Weight	—	12 in. high, 8 in. wide, 16-1/2 in. deep, and 28 lbs. when self-contained

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