

HIGH SPEED TAPE PUNCH

The DRPE High Speed Tape Punch
in experimental housing.

**ANY SPEED UP TO 2000 WPM
PARALLEL-WIRE
LOW MAINTENANCE
TUNED-REED PRINCIPLE**

Teletype Corporation's DRPE High Speed Tape Punch is a new concept in electro-mechanical punching devices.

This unique tape punch does not require energy from a motor to punch data into paper tape. Instead, this energy is stored in a tuned reed* while it is attracted to a magnet. A reed is linked to a punch pin for each code level. When the reed is released by its respective magnet, the punch pin is driven through the tape.

The DRPE is capable of operating at any speed up to 2,000 words per minute (200 characters per second) and functions in response to incoming parallel-wire signals. The unit is asynchronous and needs no adjustments or modifications when transmission speed is changed.

Units for punching 5, 6, 7 or 8 level codes in 11/16-in., 7/8-in., or one-inch tapes will be available.

The DRPE's mechanisms are not in motion while the unit is on line awaiting a signal. The net result is minimum maintenance and longer unit life.

Electronic components to drive the unit and to convert signals (low level to controlled power) have been designed and manufactured by Teletype especially for the DRPE. It is recommended that the punch and its special-made circuitry be obtained as a package for most efficient operation.

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

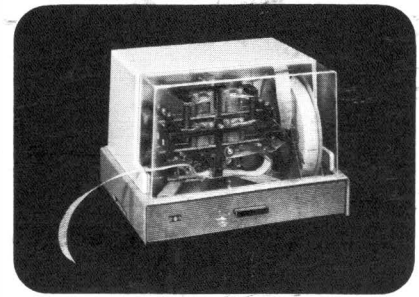
**The reed (a steel bar) and its associated magnet and electronics are tuned to operate as a unit at a certain frequency.*



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DRPE TECHNICAL DATA



17 lbs. (8 level set) 14 lbs. (5 level set)

7 $\frac{3}{8}$ in. high, 9 in. wide, 9 $\frac{1}{4}$ in. deep (punch only and not including mounting facilities, cover, etc.)

Binary, parallel-wire pulses provided by electronic circuitry

Punched paper tape

Any speed up to 2,000 words per minute (200 characters per second)

Two, for tape transport only, both shaded pole. Each 115V AC \pm 10%, 60 cycle, 75 watts. Motors are used only to wind spring mechanisms which feed the tape.

.750 amp. at -17V, D. C.

LUBRICATION

When speed is	lubricate after	2,000 hours or 6 months *
When speed is	lubricate after	400 hours or 3 months *
When speed is	lubricate after	200 hours or 2 months *
When speed is	lubricate after	150 hours or 45 days *
When speed is	lubricate after	100 hours or 30 days *

**Whichever occurs first*

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