TELETYPE model 28 THE LEADERSHIP LINE
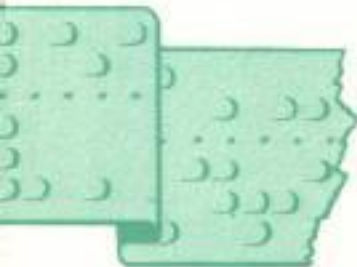
MULTI-CONTACT

TAPE READER

(TYPE LBXD TRANSMITTER-DISTRIBUTOR)

Versatile 5, 6, 7 or 8 level tape reader units engineered for today's communications needs and tomorrow's multi-level tape requirements.

TELETYPE

TELETYPE CORPORATION

HERE IS the key to fast, accurate and dependable message transmission from your business machine tapes. Whether your needs involve simple station-to-station relay of punched tape information or the more complex transmission requirements of data processing and automation, Teletype's Model 28 LBXD tape reader is engineered to meet your individual requirements.

This versatile tape transmitter-distributor will serve as an input or read out device for your business machines such as computers, calculators, punched card equipment, etc. It will also function as a transmitting device for your printing telegraph equipment . . . and as a control mechanism for tape-operated factory equipment.

Advanced twin-shaft design enables tape reader and distributor sections of the unit to be actuated independently of each other from either local or remote sources.

The Model 28 LBXD incorporates all the necessary mechanical and electrical features for:

1 translating code combinations from a perforated tape into electrical impulses for sequential transmission;

2 translating code combinations from a perforated tape into electrical impulses for simultaneous out-put on a parallel-wire basis;

3 and translating electrical impulses from an external parallel-wire source for sequential transmission.

ENGINEERED FOR TODAY AND TOMORROW

The LBXD tape reader is designed to meet today's transmission needs as well as tomorrow's multi-level tape requirements. It will handle 5, 6, 7 or 8 level codes with tapes of appropriate widths. Should your application requirements change, the LBXD is convertible to any of the standard code levels (5, 6, 7 or 8).

The Model 28 LBXD makes a compact unit, capable of dependable operation at 100 words per minute. Lower speeds can be had through simple gear changes.

LBXD controls are convenient and easy to operate. A single 3-position start-stop lever controls "on," "off" and "freewheeling." As the name implies, "freewheeling" is a control position that frees the feed wheel to permit insertion of tape without raising the tape lid.

FEATURES FOR INDIVIDUAL NEEDS

To meet your individual tape transmission needs, optional features are available for (1) external start control of reading and sending, (2) automatic tape stop and (3) taut tape control.

A specially designed tape lid will accommodate either chadless tape or fully perforated tape, without readjustment.

Advanced design features keep maintenance to a minimum.

Slip-type, multi-point connectors join transmitter-distributor assembly with its sub-base. These special connectors enable easy removal of the transmitter-distributor for maintenance purposes. Lubrication intervals have been extended and now range from six months to as long as a FULL YEAR, depending on the operating speed used. Exclusive all-metal clutches of the internal expansion type provide long unit life and assure accurate, uniform engagement cycle-after-cycle with exceptional signal stability.

The Model 28 LBXD tape reader is a product of Teletype Corporation's 50 years of continuous manufacturing progress in the field of telegraphic communications.
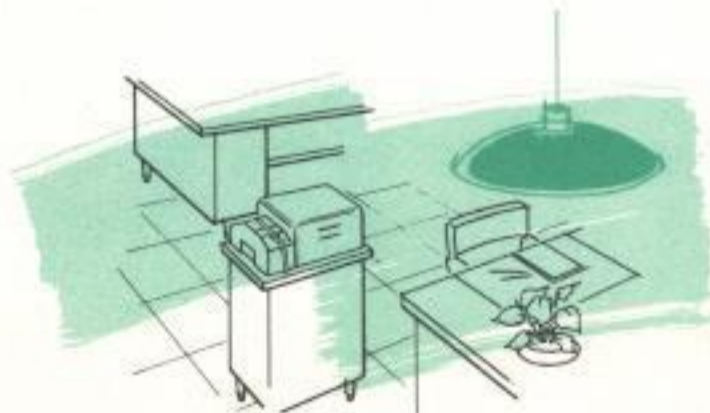
SPECIFICATIONS

Dimensions: Height 6½", Width 9", Depth 16"

Approximate Weights: Net—including sub-base assembly and cover, 26 Lbs. Domestic shipping weight—60 Lbs. Export shipping weight—120 Lbs.

Power Requirements: Standard synchronous motor unit, 65 Watts, 115 Volts, regulated 60 Cy. A.C. Optional motors are available for other power requirements. D.C. power is required for signal line operation, clutch magnets, etc.

Finishes: Available in attractive gray-green wrinkle or other finishes to blend with modern or traditional office decor.

TELETYPE offers these special features
TO MEET YOUR APPLICATION REQUIREMENTS

DISTRIBUTOR CAM SHAFT

Translates parallel-wire output from L8XD reader cam shaft, or business machine equipment, into sequential signals.

LUBRICATION RESERVOIR

Large capacity oil reservoir provides extended lubrication periods for reader and distributor cam shafts.

READER CAM SHAFT

Senses code combinations in tape and provides parallel-wire output to L8XD distributor cam shaft or business machine equipment.

NYLON GEARS

Motor and drive shaft gears of strong, durable nylon for quiet, smooth and vibrationless operation.

MOTOR

A heavy duty motor supplies quiet power for continuous, trouble-free operation – 24 hours a day.

HINGED TAPE LID

For special tape applications and ease of cleaning.

TAPE-OUT PIN

Automatically shuts off transmission at end of tape.

INDEX MARKS

Provide a visual aid for accurately positioning start of message in tape.
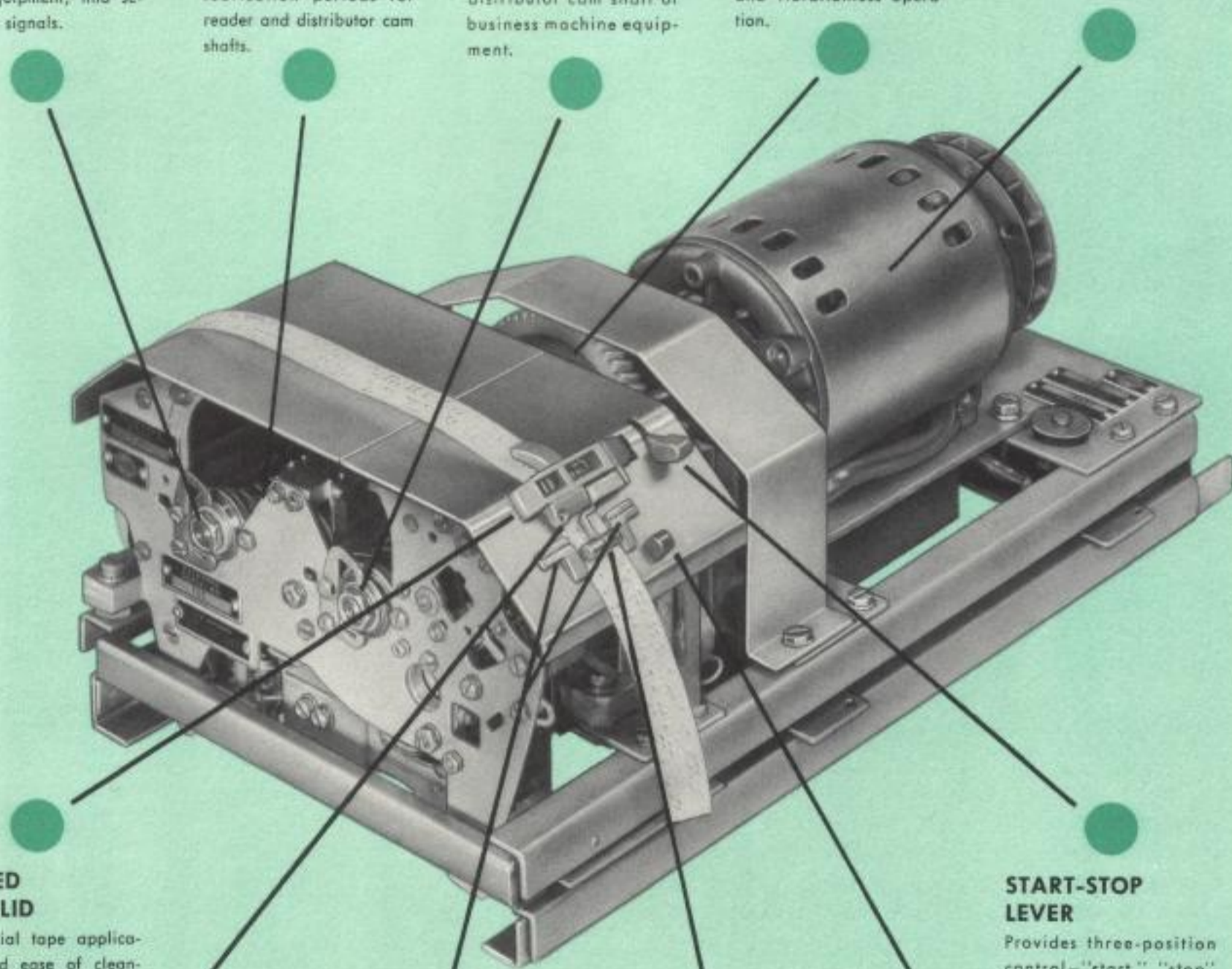
TAUT TAPE SWITCH

A feature for stopping tape and transmission when tape slack is taken up.

TAPE LID RELEASE

A push-type release control lever for unlatching tape lid.

START-STOP LEVER

Provides three-position control—"start," "stop" and "freewheeling" — for convenient tape threading, no need to lift tape lid.

The 28 LINE of EQUIPMENT

Page Printer, Send-Receive

Table Model Page Printer

Page Printer, Receive Only

Teletype Model 28 Line is a complete array of equipment especially engineered to meet today's growing communications needs in business, industry and the military. Its many combinations for page printing, tape punching and tape reading can expand your vital communications capacities. Whether as a new installation, or as an expansion of your present equipment, the versatile Model 28 Line can broaden your entire scope of operations.

Model 28 equipment is one of Teletype Corporation's newer contributions to data processing, automation and telegraphic communications. For helpful information on how Teletype equipment can solve your communications needs, please phone, write or wire the address below most convenient to you.

Automatic Send-Receive Set

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