Texas Instruments
model 924 computer tape transport
More cost-effective data processing...
You can save money and improve the efficiency of your System 360/370 computer by using Series 924 Magnetic Tape units from Texas Instruments. They are complete tape units, plug-for-plug replacements for original equipment, not just tape handlers. These new units can improve the cost and operating-efficiency of your current system, or enlarge it profitably, with equal benefits. No system modification is necessary, with four models to replace equivalent Series 2400 units.

These magnetic tape units handle your tape better, require less maintenance and repair and cost less than original equipment units. They have the same controls as the original equipment, with outstanding improvements in mechanical and electronic design.

**BETTER DATA PROTECTION, LONGER TAPE LIFE**

Gentle handling of valuable tapes maintains data integrity and increases the usable life of the tape. Single capstan drive starts and stops tape smoothly to eliminate tape stretching and breakage. There is no tape cinch at the reels because of the 924's control of tape tension and strictly limited reel acceleration.

Nothing contacts the recording surface of the tape except the read-write head. Glass-lined vacuum columns and ceramic spring-loaded head guides eliminate tape damage caused by friction. The permanently-aligned tape path prevents edge wear and is a major factor in minimizing skew throughout the life of the unit.

Read-write heads on all models of the Series 924 are fixed-position components, rigidly mounted to a precision-machined casing. With spring-loaded guides, the tape is always aligned properly. There are no alignment adjustments required. Logic and control circuits use the latest microcircuitry and semiconductor power devices. Life of the electronics is long, and maintenance requirements are minimized. A modular approach to circuit packaging facilitates ease of maintenance and repair.

**MORE UTILITY**

You get more uptime on your System 360/370 computer with Series 924 units. There are no belts, pulleys and gears in the TI tape drive mechanism: a direct drive to the single capstan reduces mechanics to a minimum. Elimination of failure-prone mechanical components and the use of modern electronic circuitry reduces maintenance requirements, thereby reducing system downtime. In routine maintenance, access to the unit is simple, with quickly removable side and rear panels. In addition, the design makes regular maintenance simpler, with such convenience features as hinged vacuum-column doors that open for cleaning without removing screws or other hardware.

**FASTER OPERATION**

Because use of the Series 924 Magnetic Tape units is essentially identical to original equipment units for the operator, there is no transition problem. Convenience features, including power window and quick-release tape hubs, are standard.

Loading and unloading the units is faster than with original equipment. After threading past the head, the TI unit loads the vacuum columns and advances the tape forward to BOT rapidly and automatically. In removing the tape, the unit automatically rewinds the entire tape to the file reel, eliminating manual rewind procedures.
SYSTEMS SPECIFICATIONS

**Accessories:**
- Terminators and interconnecting cables available
- Cable lengths 8, 15 or 25 ft are standard

**Environment:**
- Temperature 50° to 90°F
- Relative humidity 20 to 80% (no condensation)

**Power:**
- 12 KVA peak load, 208/230 v-ac, 60 Hz
- 195/220/235 v-ac, 50 Hz

**Weight:**
- 500 lb, complete cabinet assembly

**Colors:**
- Optional red, yellow, blue, or grey to match standard system 360 decor

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**System 360/370 Tape Control Units and Compatible TI Series 924 Tape Units**

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Texas Instruments reserves the right to make changes at any time in the design to supply the best product possible.

Sales and Service Offices of Texas Instruments are located throughout the United States and in major countries overseas as well. Contact the Digital Systems Division, Texas Instruments Incorporated, P.O. Box 1444, Houston, Texas 77001, or call 713-494-5115, for the location of the nearest office to you.