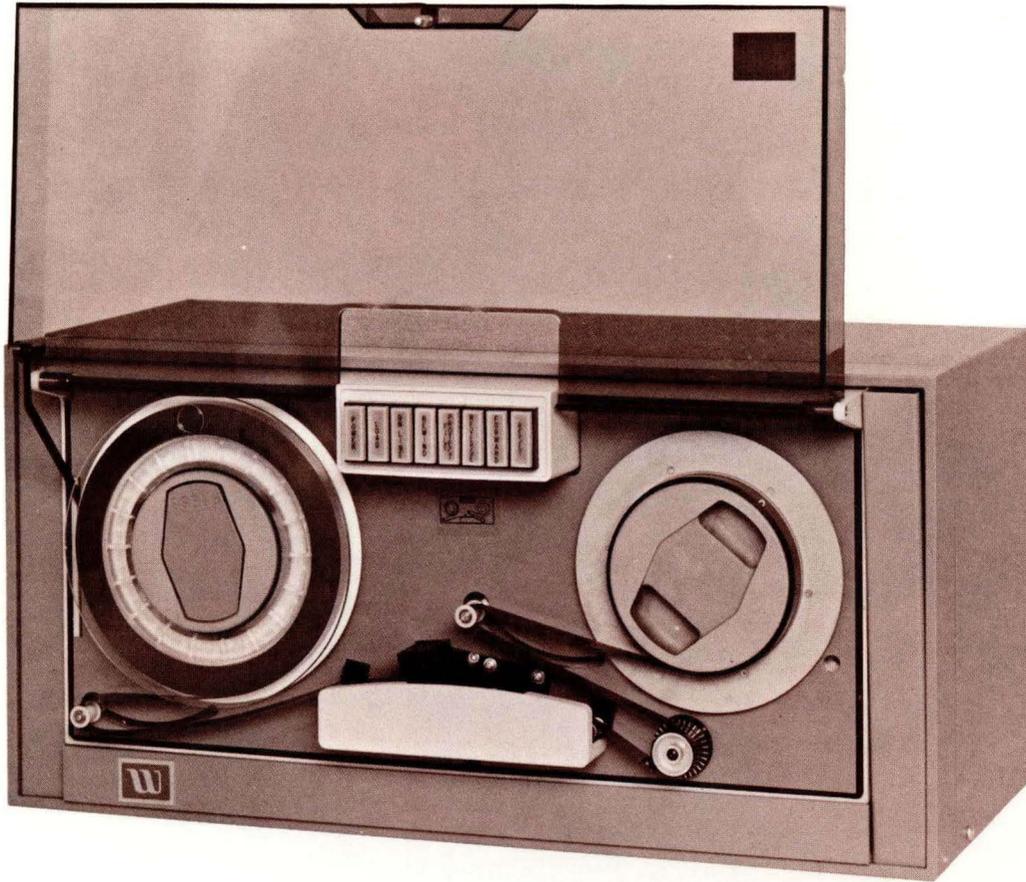




W WANGCO
INCORPORATED

MOD 7

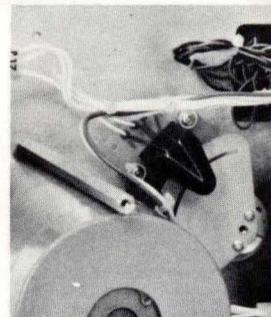
MAGNETIC TAPE SYSTEMS



MOD 7

The WANGCO *Mod 7* is a compact, low-cost magnetic tape drive designed for use with small computers, data terminals, and similar applications. It provides high reliability and easy maintenance, optimum IBM compatibility, operation with most mini-computer controllers, and many exclusive features for dependable performance and operator convenience.

The complete *Mod 7* system includes transport, read/write head, read/write electronics, operator control panel and power supply. Maximum reliability in tape interchange is assured, with IBM head guide spacing for lowest dynamic skew. In addition, electronic deskewing ensures precise bit alignment on the tape. Data is written and read at densities of 200, 556, 800 or 1600 cpi; standard tape speed is 12½ inches per second. Data is read in both forward and reverse directions. IBM-compatible 7-track and ANSI-compatible 9-track versions are standard. Quick-action hold-down knob releases and locks at a touch, and the fixed flange prevents tape damage in the event of power failure. All control switches and indicators are replaceable from the front. The self-contained *Mod 7* is compactly packaged for 19-inch rack mounting.



SPECIFICATIONS

Tape Speed

12½ ips

Data Density 9 Track

800 cpi NRZI

1600 cpi PE

Data Density 7 Track

800/556, cpi NRZI

556/200, cpi NRZI

800/200, cpi NRZI

Start/Stop Time

30.0(±2.0) ms

Total Speed Variation

±4% maximum

Start Distance

0.19 ±0.02 in.

Stop Distance

0.17 ±0.02 in.

Rewind Speed

50 ips nominal

Dynamic Skew

75 microinches maximum

Static Skew

100 microinches maximum

Reel Size

Up to 7 in. diameter, IBM compatible

Number of Tracks

7 (IBM)

9 (ANSI)

Recording Mode

NRZI or Phase Encoded

Head Type

Single or dual gap

Tape Tension

6.0(±0.5) oz.

Tape

Computer grade, 0.5 in. wide, 1.5 mil

Electronics

Silicon solid state and 930 series DTL logic

Interface

DTL logic (low true)

Weight

43½ lb.

Mounting

Standard 19 in. rack mount

Power

110-125 VAC ± 10% 1 Amp.

220-250 VAC ± 10% .5 Amp.

48-62 Hz.

Operating Temperature

(room ambient) 40° to 90°F

Non-operating Temperature

30° to 140°F

Relative Humidity (Operating)

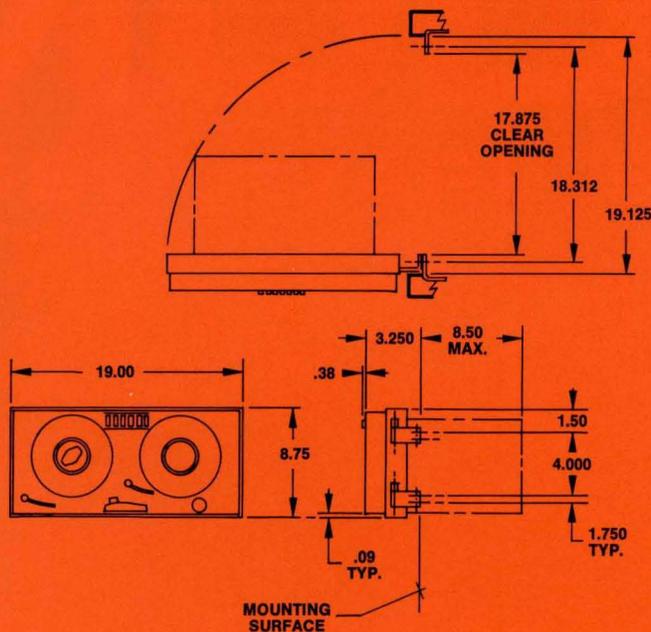
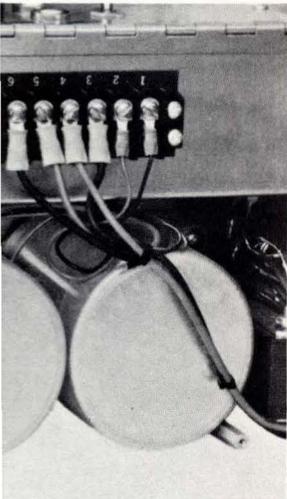
20 to 80% , non-condensing

Relative Humidity (Non-operating)

15 to 95% , non-condensing

Altitude

0 to 20,000 ft.



INSTALLATION DIAGRAM

NRZI AND PHASE-ENCODING
FORMATTERS AVAILABLE.
CONTACT US FOR DETAILED
TECHNICAL DATA.

WORLDWIDE SALES AND SERVICE FACILITIES



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5404 JANDY PLACE • LOS ANGELES, CALIF, 90066
213 / 390-8081