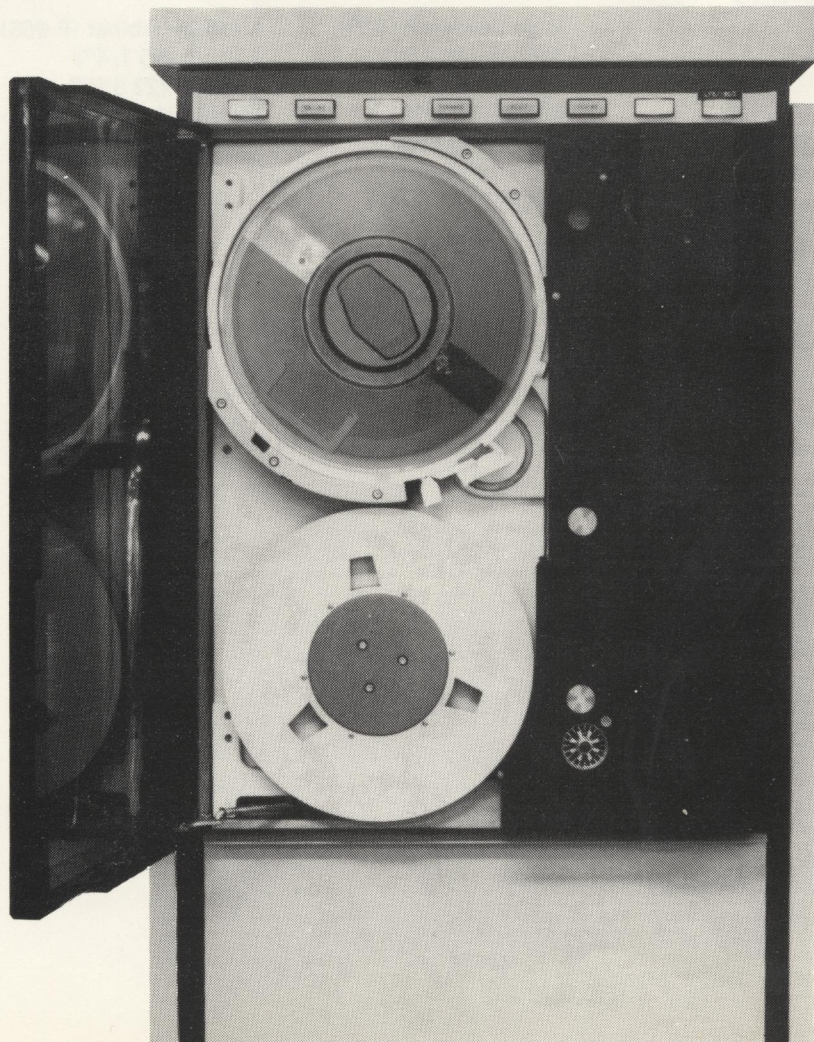




RC 3616

**High Speed
Magnetic Tape Unit**

- **AUTOMATIC TAPE THREADING
AND LOADING**
- **9 TRACK, 75 IPS**
- **VACUUM COLUMN BUFFERS FOR
GENTLE TAPE HANDLING**



GENERAL

The RC 3616 High Speed Magnetic Tape Transport is a NRZI, IBM or ANSI format compatible device used to store large volume of information in Phase Encoded and NRZI digital format on half-inch magnetic tapes.

Characteristic for the RC 3616 is the speed and the vacuum column buffers for gentle tape handling and the automatic tape loading feature. Loading of tapes without cartridge is done easily, too.

The advantage of automatic threading and loading totally eliminates the need for operator handling of the tape itself. This inherently improves data reliability by reducing the probability of tape contamination and tape damage inadvertently.

The RC 3616 may be daisy-chained with up to four tape drive units to the same RC 3686 Magnetic Tape Channel.

High and medium size cabinets are available for mounting of the RC 3616.

SPECIFICATIONS

Read/write format:	9 track - 800 bpi NRZI and 1600 bpi PE
Recording mode:	NRZI, IBM, ANSI compatible or Phase Encoded
Data transfer rate:	60.000/120.000 bytes per second
Tape speed:	75 inches per second
Rewind speed:	200 inches per second
Start/stop time:	5.3 milliseconds
Tape specification:	1/2 inch, 1.5 mil computer grade
Reel diameter:	Max. 10 1/2 inches
Power requirements:	220 V, 50 Hz, 1300 W
Temperature, ambient:	16 - 32 °C (61 - 90 °F)
Humidity, relative:	20 - 80%, non-condensing
Heat dissipation:	1120 kcal/h (4500 BTU/h)
Mounting:	High or medium size cabinet

DIMENSIONS

	High Cabinet (F 93S)	Medium Cabinet (F 95S)
Height:	176 cm (69 1/4")	140 cm (55 1/4")
Width:	57.5 cm (22 5/8")	57.5 cm (22 5/8")
Depth:	80 cm (31 1/2")	80 cm (31 1/2")
Weight:	163 kg (358 lbs)	149 kg (327 lbs)