TU45 magtape drive

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The TU45 was a manually-loaded nine-track magnetic tape drive produced by PERTEC for DEC.

Used 1/2 inch-wide industry standard magnetic tape with a capacity of 40 megabytes at 1600 bpi per spool. Data transfer speed of 120 KB/sec at 1600 bpi. Maximum of 8 drives per device controller. Read and write speed of 75 inch/sec; rewind speed of 250 inch/sec. It could use tapes of any size up to 2400' reels.

The recording density, of either 1600 bpi (using PE encoding) or 800 bpi (using NRZI encoding), was selectable by software.

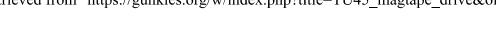
The TU45 is normally used with a TM03 controller, which is a MASSBUS controller; a TM03 can handle up to eight TU45 drives.

The TU45/TM03 with an RH780 Massbus Adapter of the VAX-11/780 is denominated as a **TEU45**.

External links

ER-00016 Digital Model TU45 Dual Format
Synchronous Read After Write Tape Transport (http://www.bitsavers.org/pdf/dec/magtape/tu45/ER-00016
TU-45 Maint May78.pdf)

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