The DEC TU45 Tape System

Date: 1977. Manual loading. Direct-drive reel motors, servo-controlled single capstan, filtered positive pressurized tape compartment, vacuum type tape cleaner. On-the-fly error correction in 1600 bpi mode only: single-track droput, dual gap, read-after-write.


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Storage medium:          1/2    inch-wide industr
Capacity / tape reel:     40    million character
Data transfer speed:  120000    cps at 1600 bpi
Drivers/controller:        8    max
Number of tracks:          9
Recording density:      1600    bpi or 800 bpi, p
Interrecord gap:         0.5 inch, minimum
Read/write speed:         75    inch/sec
Rewind speed:            250    inch/sec
Rewind time:             115    sec
Tape length:            2400    feet
Reel diameter:          10.5 inch
Max drives/system:         8
Weight per drive:        640    pounds
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