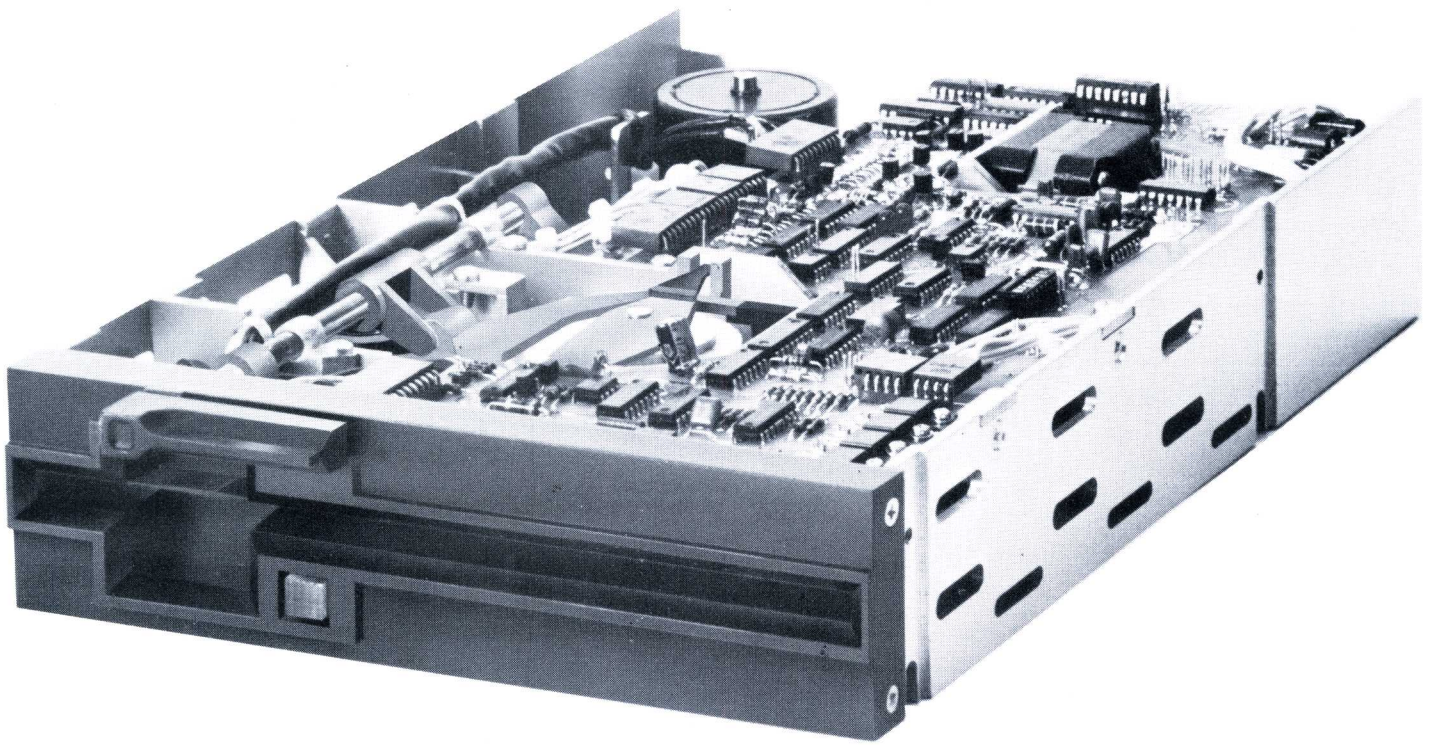


TANDON NEW EIGHT-INCH THINLINE DISK DRIVES



Tandon Corporation's new high performance, eight-inch THINLINE flexible disk drives offer single- and double-sided, double density, 48 TPI. The memory capacity of word processors, small business systems, and intelligent terminals can be doubled by installing two drives in the existing cabinet space currently required by only one drive. Exceptional features are:

- Exactly one-half the height of any other model.
- Proprietary, high resolution read-write heads patented by Tandon.
- D.C. only operation – no A.C. required.
- Industry standard interface.
- Three millisecond track-to-track access time.

Tandon CORPORATION

20320 PRAIRIE STREET
CHATSWORTH, CA 91311

TELEPHONE (213) 993-6644
TWX 910 493 5965

Heads Above The Rest In Disk Technology

EIGHT-INCH THINLINE DISK DRIVE SPECIFICATIONS

MODEL NUMBERS TM848-1 (SINGLE-SIDED) AND TM848-2 (DOUBLE-SIDED) FLEXIBLE DISK DRIVES

MECHANICAL

Height: 58mm (2.30 inches)
Width: 217mm (8.55 inches)

Length: 337mm (13.25 inches)
Weight: 15.4kg (7 pounds)

ELECTRICAL

+ 5 V D.C. Power:
+ 24 V D.C. Power:
Selected Motor On:
Deselected:
Spindle Motor:

+ 5 V \pm 5%, 1.0 amp typical
+ 24 V \pm 10%
1.2 amps typical
0.1 amp typical
0.5 amp typical

ENVIRONMENTAL

Operating Temperature:
Storage Temperature:
Wet Bulb Temperature:
Noncondensing Operating Humidity:
Altitude:

44°C to 46°C (40°F to 115°F)
- 40°C to 46°C (- 40°F to 160°F)
26°C (78°F) maximum
20% to 80%
304.8 meters (1,000 ft) below sea level to
15,240 meters (50,000 ft) above sea level

RELIABILITY

MTBF:
MTTR:
Average Component Life:
Error Rates:
Soft Read:
Hard Read:
Seek Errors:

10,000 power-on hours
30 minutes
15,000 power-on hours
1 in 10⁹ bits
1 in 10¹² bits
1 in 10⁶ bits

PERFORMANCE

Head Wear Guarantee:
Number of Tracks:
Track-To-Track Access Time:
Head Settling Time:
Average Access Time,
including head settling time:
Motor Start Time:
Disk Rotational Speed:
Instantaneous Speed Variation:
Flux Changes Per Inch, Inside Track:

15,000 media hours
77 for TM848-1 - 154 for TM848-2, 77 per surface
3 milliseconds
15 milliseconds
91 milliseconds
0.7 second, maximum
360 RPM
 \pm 1.25%
6536 FCI, Side 0, both models;
6818 FCI, Side 1, TM848-2 only

Transfer Rates:
Unformatted Recording Capacity:
IBM Format Recording Capacity:
Recording Method:

250K BPS single density, 500K BPS double density
0.8 MBytes per disk, single density -
1.6 MBytes per disk, double density
0.6 MBytes, single density
1.2 MBytes, double density
FM single density - MFM double density

Tandon

Heads Above The Rest In Disk Technology

International Representatives:

HAL COMPUTERS
133 Woodham Lane
New Haw, Weybridge
Surrey KT153NJ
England
Phone: 932 48346

TECHNOLOGY
RESOURCES SA
27-29 Rue Des Poissoniers
92200 Neuilly-Sur-Seine
France
Phone: 747-4717

DELTA DATA SYSTEMS
BENELUX SA
Rue de Geneve 10
Post Box 13
1140 Brussels, Belgium
Phone: 216-2498

COMPREL
20092 Cinsello B.
V. Le Romagna, 1
Milano,
Italy
Phone: (02) 612 0641

TECHNOLOGY
RESOURCES AG
Bubenberplatz 10
CH-3011 Bern
Switzerland
Phone: 031 22 39 73

U. S. Sales Offices:
Dallas, TX (214) 596-6397
Los Angeles, CA
(213) 993-6644
Orange County, CA
(714) 675-2928
Wakefield, MA (617) 245-4482