

Memorex Corporation

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REQ'D	ITEM

11 1/2 m/B

200 OD
100 ID

195 TPI
6100 BPI

F-Y3-A

MEMOREX

101 OEM Disc Storage Drive
An Idea Whose Time Has Come!

NCC 1979

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OEM 036-0 8/79 PRINTED IN U.S.A.

Memorex now presents the most advanced form of data storage—An Idea Whose Time Has Come!

The Memorex 101 8-Inch Rigid Disc Drive

"No Army can withstand the strength of an idea whose time has come."

Victor Hugo

The 101 is the first member of an entire family of Memorex® 8-inch rigid disc drives. The Memorex 101 utilizes advanced Winchester-type technology whereby heads and discs are sealed for total protection against data contamination. Moreover, the 101 offers greater capacity, faster access, enhanced reliability, and lower cost.

Flexible Disc Compatibility

The Memorex 101 has been specially designed to be size compatible with flexible disc drives. Because of this interface compatibility, a single controller may be used to control both 101 and flexible disc drives. And, the compact size enables the original equipment manufacturer to save valuable space.

High Capacity Configuration

But don't let its small size fool you—the Memorex 101 provides 11.7MB of data availability on two discs.

Sealed For Protection

The heads, media, actuator, spindle, and absolute filtration system are enclosed in a factory-sealed, airtight chamber for total data protection from outside environmental contamination and operator handling.

Lower Power Requirements

As the Memorex 101 has a power consumption less than 100 watts, you can expect lower system operating costs. What's more, because the Memorex 101 requires only DC power, it's internationally versatile.

High Performance Innovations

Memorex has done more than just shrink a larger drive down to flexible disc drive size. Memorex engineers designed the new 8-inch disc drive with increased reliability and lower costs in mind. Meeting these objectives, the Memorex 8-inch drive features some unique high performance innovations:

- A new low-wear, high-speed band actuator that never requires field adjustment for improved data availability.

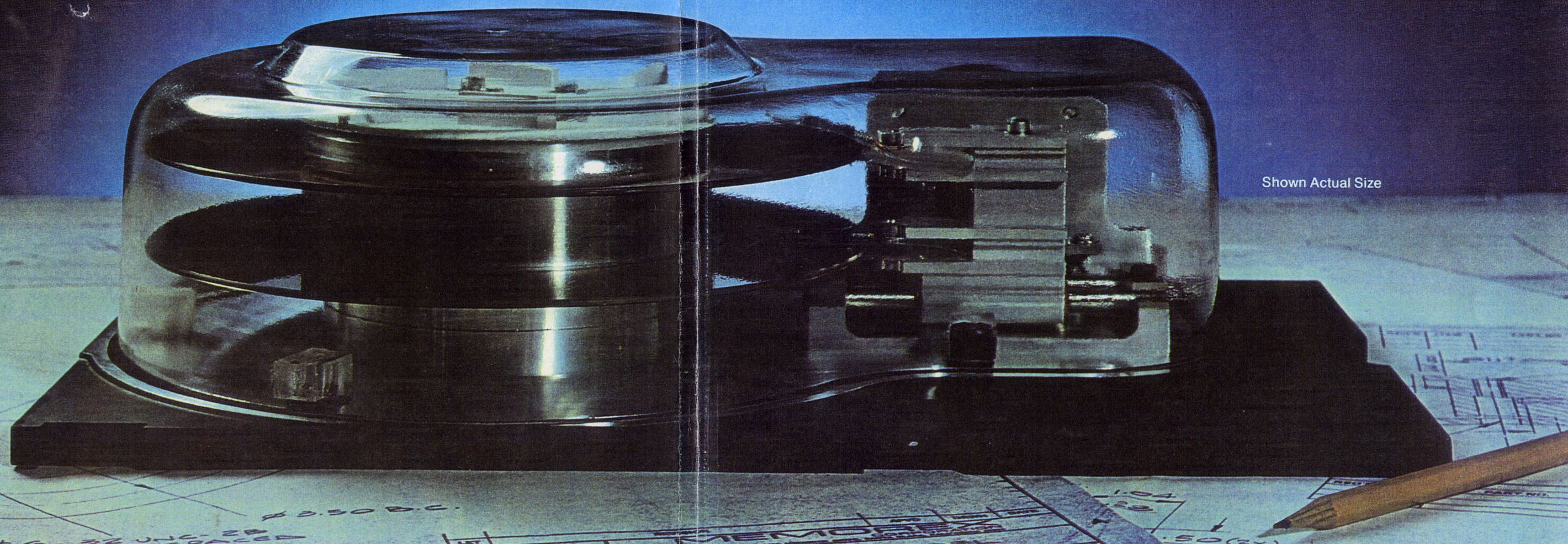
- A proprietary direct-drive spindle motor that eliminates belts, brackets, and side-loaded bearing wear thereby lowering costs through reduced parts count and increasing reliability.
- A specially designed enclosure to reduce thermal effects on discs and increase product life.

Backing You Can Depend On

Memorex has the largest field service organization of any independent supplier. So anytime you need support, anywhere in the world, you can count on us to be there.

The Best Choice You Can Make

Compare the 8-inch disc drives. Compare the proven experience and design teams behind them. Compare the features built into them. Compare the commitment backing them. You'll see there's just no comparison to the Memorex 8-inch drive. It's your best choice to give your customers the system that's best: yours.



Shown Actual Size