



## *Immense Storage— on Inexpensive Tape*

### A LIBRARY OF STORAGE ON AN INEXPENSIVE TAPE

The next generation of network mass storage devices—today.

Imagine something that would store all of an encyclopedia—and then some.

Imagine something that would store more than 66,000 typed pages on a single tape.

Now imagine a removable cartridge with the capacity to store more information than 1,250 IBM PC double-density diskettes or more than 35 six-megabyte Corvus Winchester drives. And a price tag that won't break the bank.

The Bank. It's completely new. It plugs right into your OMNINET local area network. With a built-in OMNINET server, The Bank is the perfect complement to your Corvus Winchester drive.

The Bank is a random-access device that stores information on a tape. It was specially designed for transferring information to and from Winchester drives on your network.

### IDEAL PROTECTION FOR PRICELESS DOCUMENTS

Use The Bank to store information that's important but seldom used. It's perfect for storing medical records, research data, historical accounting records and legal documents. You can even store one classroom's data on The Bank while another class does its schoolwork using the drive.

In one device, The Bank lets you protect important documents and create an archive of all your valuable records. It stores your banking and accounting records and inventory data easily, safely.

When you need the information, transfer it to the Corvus Winchester drive for high-speed processing. Transfer information in blocks, from a Winchester drive or an entire network of drives to or from the Bank.

The Bank is ideal for backup. You can time it to do large backup tasks and go home while The Bank keeps working.

### FAST RETRIEVAL, BANKABLE VALUE

And because The Bank accesses data randomly (unlike streamer backup devices), retrieving your information is fast. You can find any item of information on a 200-megabyte cartridge in an average of 10 seconds, even if you transferred the volume to The Bank when you backed up an entire network.

The cartridges come in two sizes, 100-megabyte or 200-megabyte—capable of holding 66,572 typed pages of information. The same Bank will accept either size.

And best of all, you don't have to dig very deep into your bank to buy The Bank. The Bank's suggested retail price is \$2195 and \$70 for 100-megabyte cartridges and \$100 for 200-megabyte tapes. That's the lowest price per megabyte of any mass storage and backup device anywhere. You can bank on it.

\*\*\***CORVUS SYSTEMS**

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**PHYSICAL CHARACTERISTICS**

|             | inches/cm  |
|-------------|------------|
| Depth       | 16.0/40.64 |
| Width       | 12.0/30.5  |
| Height      | 5.75/14.6  |
| Top Loading |            |

**DRIVE SPECIFICATIONS**

|                   |               |
|-------------------|---------------|
| Tape speed        | 5.5 m/sec     |
| Format            | MFM           |
| Data transfer     | 1Mbps         |
| Data density      | 4620 bpi      |
| Number of tracks  | 101           |
| Available to user | 99            |
| Reserved firmware | 1             |
| Landing           | 1             |
| Track density     | 254 tpi       |
| Step time         | 20 ms/track   |
| Settling time     | 300 ms/motion |

**POWER**

100/110, 220/240 volts

**MTBF**

1500 hrs

**MTTR**

30 min

**INTERFACE**

OMNINET™

**ENVIRONMENTAL (OPERATING)**

|             |                     |
|-------------|---------------------|
| Temperature | +5C to +32C ambient |
| Humidity    | 30% RH to 80% RH    |
| Altitude    | 0 to 10000 feet     |

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**TAPE LIFE**500 hours tape spinning. *Tape stops spinning after task completion.***CARTRIDGE SPECIFICATIONS****100MB**

|                     |                 |
|---------------------|-----------------|
| Tape width          | 12.7mm (1/2 in) |
| Tape length         | 53 M            |
| Average access time | 4.8 sec         |
| Maximum access time | 9.6 sec         |

**Capacity**

|             |               |
|-------------|---------------|
| Unformatted | 1.14 MB/Track |
| Formatted   | 103.4 MB      |

Depth 140 mm/5.5 in.

Width 140 mm/5.5 in.

Height 36 mm/1.5 in.

Weight 265 g

**200MB**

|                     |                 |
|---------------------|-----------------|
| Tape width          | 12.7mm (1/2 in) |
| Tape length         | 103 M           |
| Average access time | 9.35 sec        |
| Maximum access time | 18.7 sec        |

**Capacity**

|             |               |
|-------------|---------------|
| Unformatted | 2.28 MB/Track |
| Formatted   | 207.2 MB      |

Depth 140 mm/5.5 in.

Width 140 mm/5.5 in.

Height 36 mm/1.5 in.

Weight 285 g

**DATA INTEGRITY**

|             |                         |
|-------------|-------------------------|
| Soft errors | < 1 in 10 <sup>8</sup>  |
| Hard errors | < 1 in 10 <sup>11</sup> |

**FORMAT**

Soft sector 4 or 8 logical tracks per physical track 256 sectors  
(dependent on tape length). per logical track.  
Four spare sectors per physical track.