

# Magstar MP - Multi-Purpose

New

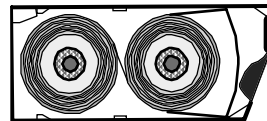


## ■ Highlights

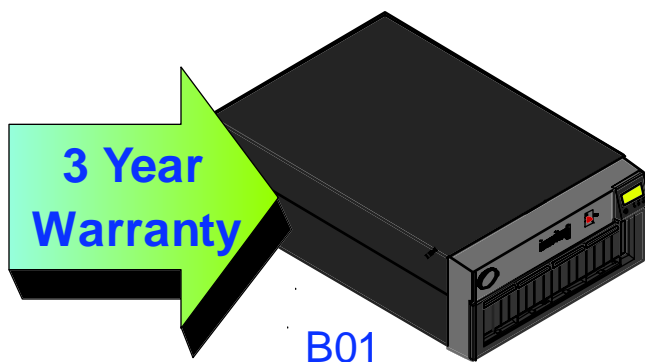
- Designed for automation
- Fast data access
- Extensive software support
- High reliability

## ■ Features

- New cartridge
  - ▶ Metal particle media
  - ▶ Two reel cartridge eliminates threading
  - ▶ Mid-point load for fast data access



- 2.2 to 6.6 MB/sec data rate (with 3:1 compression)
- 5 to 15 GB/cartr. (3:1 compression)
- One SCSI differential adapter
  - ▶ 10/20 MB/sec
- Stand alone drive, rack-mount and desktop library
- Magstar MP Library
  - ▶ 1 or 2 drive versions
  - ▶ Two host attach (2 drives)
  - ▶ 20 Cartridges-sequential or random access modes
  - ▶ Up to 300 GB (3:1 compression)



## Models

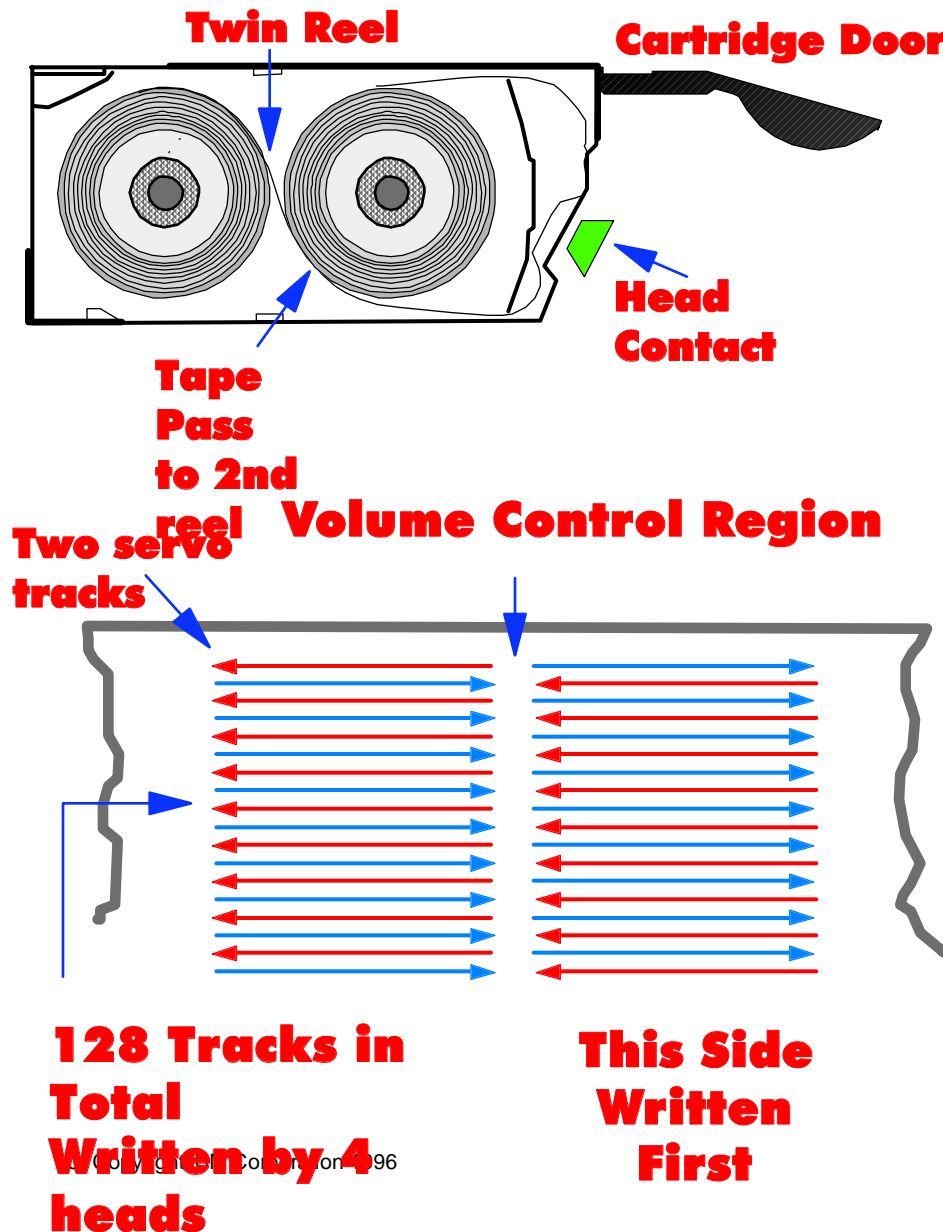
3570-B00 Drive - Black

3570-B01 (1-drv) B02 (2-drv) Desktop library - White or black

3570-B11 (1-drv) B12 (2-drv) Rack mount library - White

Fast Data Access and Automation

# Fast Access Linear Tape Cartridge



## Metal Particle Tape Media

- ★ Long shelf life

## Cartridge Designed for Automation

- ★ Rugged Cartridge Design for long life and repetitive use

## 5GB Capacity/15GB ( 3:1 compression)

- ★ Optimized for fast read applications
- ★ Access time dependent capacities

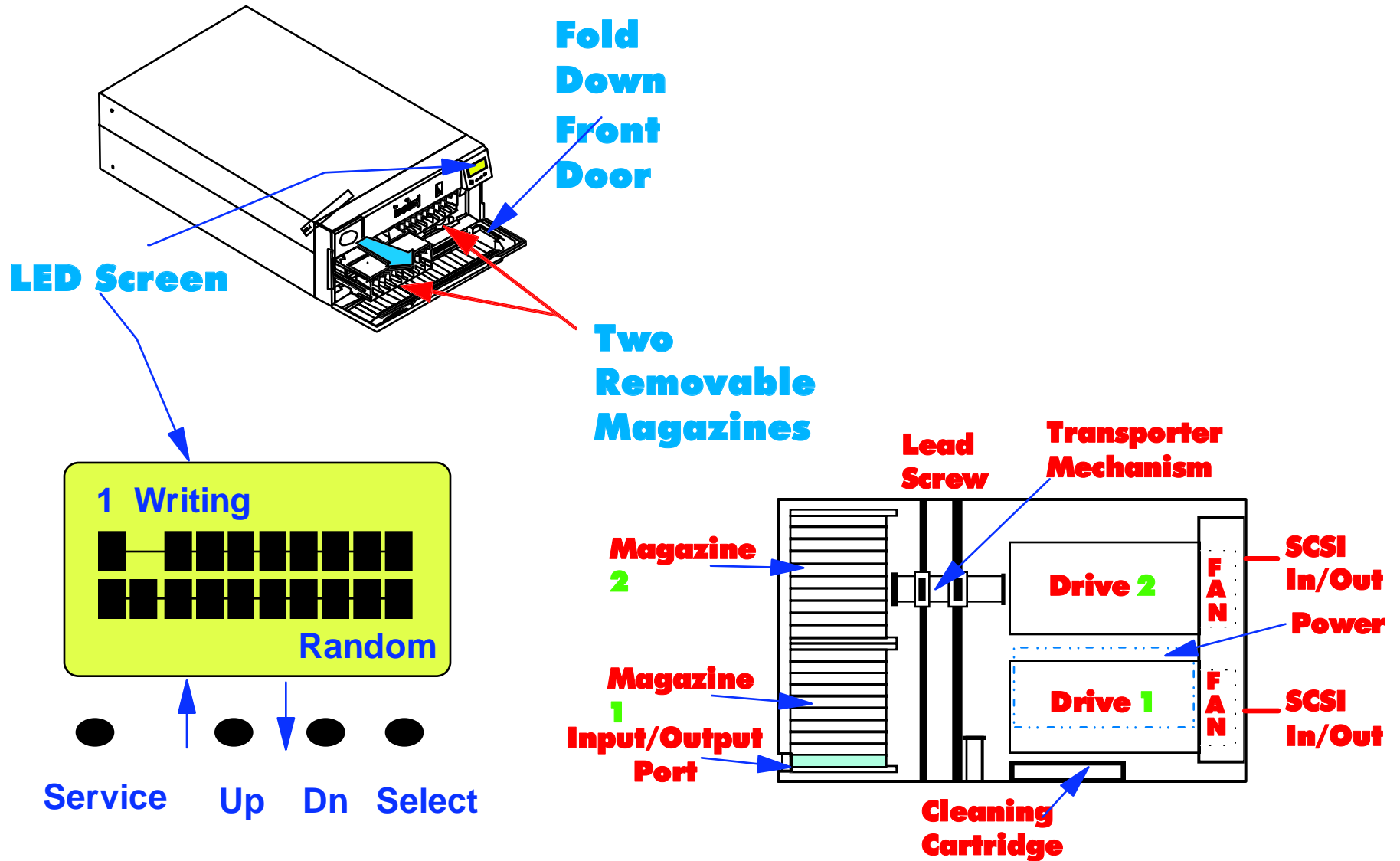
## Optimized for Fast Data Access

- ★ Two Reel Cartridge
- ★ Mid-Point Load
- ★ High Speed Search (5m/sec)
- ★ Avg. 9 sec to First Byte (loaded cart.)
- ★ Programmable Access Time

## High Reliability

- ★ No Extraction of Tape from Cartridge
- ★ No Leader Block Attach Point of Failure
- ★ Track Follow Servo
- ★ Simplified Drive Mechanical Design
- ★ No Start/Stop Penalty
- ★ Simplified Design Compared to Helical
- ★ Minimized Head & Tape Wear

# Magstar MP Product Layout

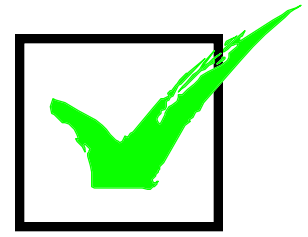


# The Data Access Race

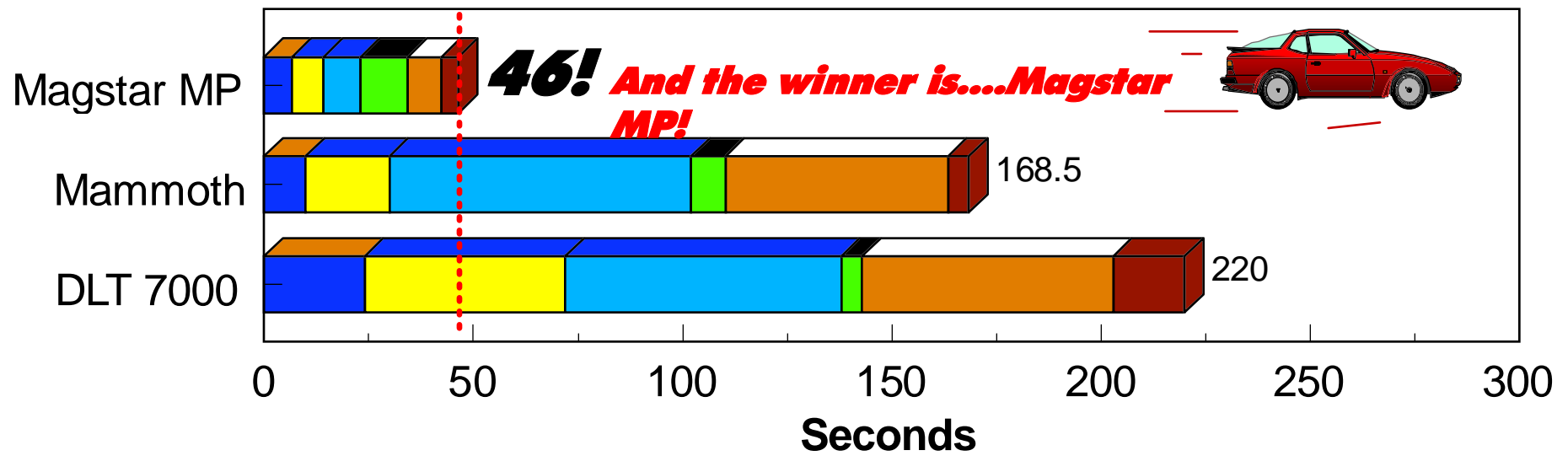


## 25 MB Random Data Transfer Request

Robotic Exchange, Cartridge Load, Search & Reposition, File Transfer, Rewind, and Unload



### Library Product



Source: Strategic Profile: "New Metrics for Tape Performance"; November 1996, published by Strategic Research Co

# Magstar 3590 Technology



- **Uses proven 3490 technology**
  - Retains 27-inch tape path
  - Retains air bearing/ceramic guides
- **Moveable head using new**
  - Second generation magnetoresistive head design
  - Track Follow Servo
- **Access to 128 tracks**
- **No rewind with 100%, 75%, 50%, 25% write**
- **Fast Search capability**
  - (5 M/sec = 166 MB/s vs. 3490E 10.6 MB/s)

