

ISS

EFF 735 OEM DISK DRIVE

EFF 735 LEADERSHIP FEATURES

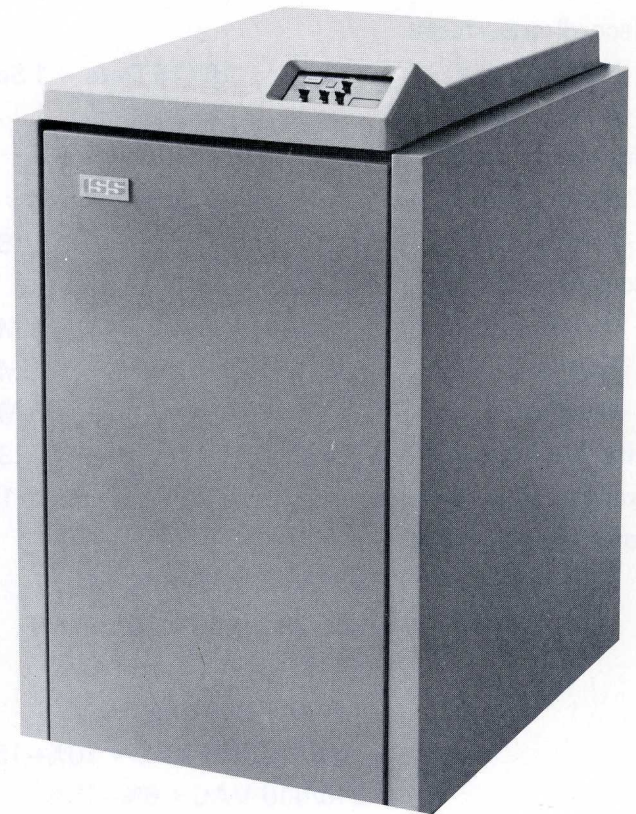
- Advanced Winchester technology
- Microprocessor controlled diagnostics
- 353.8 megabytes storage
- 23 MS average access time
- Electronic tachometer
- Fixed head option
- Dual port capability
- Single phase motor
- No special service tools required
- No field adjustments

The EFF 735 DISK DRIVE is the first fixed media disk drive to incorporate a built in MICROPROCESSOR.

Advanced read/write technology with a fixed sealed head disk assembly, provides 353.8 megabytes of storage on a single spindle. An additional 1.26 mbytes of storage is available by taking advantage of the fixed head option.

Data encoding and decoding is performed in the drive. An industry compatible OEM interface is provided. Therefore, changes to a customer system disk controller are minimal.

Electronic tachometer, address mark format, rotational positional sensing, programmable sector mark and single phase power are all standard.



735 OEM EFF

With the built in microprocessor providing drive diagnostics, there is no need for expensive external test equipment or special tools.

Ease of maintenance with only seven subassemblies. Field adjustments are never required and scheduled preventive maintenance is at a minimum.

EFF 735 OEM CHARACTERISTICS

Capacity (megabytes)	
Moving Heads	353.8
Fixed Heads	1.26
Bit Density (Bits Per Inch)	6714
Track Density (Tracks per Inch)	476
Track Capacity (Bytes)	21060
Cylinders	
Moving Head	560
Fixed Head	2
Recording Surfaces	
Moving Head	16 (15 Data — 1 Servo)
Fixed Head	1 Data
Number of Heads	
Moving Heads	30 Data — 1 Servo
Fixed Heads	60
Access Time	
Minimum	4 MS
Average	23 MS
Maximum	46 MS
Disk Rotational Speed (RPM)	3600 ± 3%
Transfer Rate (Bytes)	1.26 X 10 ⁶
Power Requirements	
	208/240 VAC + 6%—15%
	200/203 VAC + 10%—15%
	60 HZ ± 2% Single Phase
	7 AMPS Running
	200/220/380 VAC + 10%—15%
	240/416 VAC + 6%—15%
	50 HZ ± 2% Single Phase
	7 AMPS Running
Operating Environment	
Temperature	12°C—32°C (54°F—90°F)
Relative Humidity	20%—80% (No Condensation)
Physical Dimensions	
Height (Work Surface)	44.25"
Width (Add 2" for each side cover)	22.50"
Depth	33.00"
Weight	375 Lbs.

EFF 735 FEATURES

STANDARD FEATURES

- Advanced Winchester technology
- Microprocessor controlled diagnostics
- 353.8 megabytes storage
- Data encoding and decoding
- 23 MS average access time
- Single phase power
- Electronic tachometer
- Ease of maintenance
- Address mark format
- Rotational position sensing
- Programmable sector mark

OPTIONAL FEATURES

- 1.26 megabytes additional fixed head storage
- Dual port (factory or field installed)

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