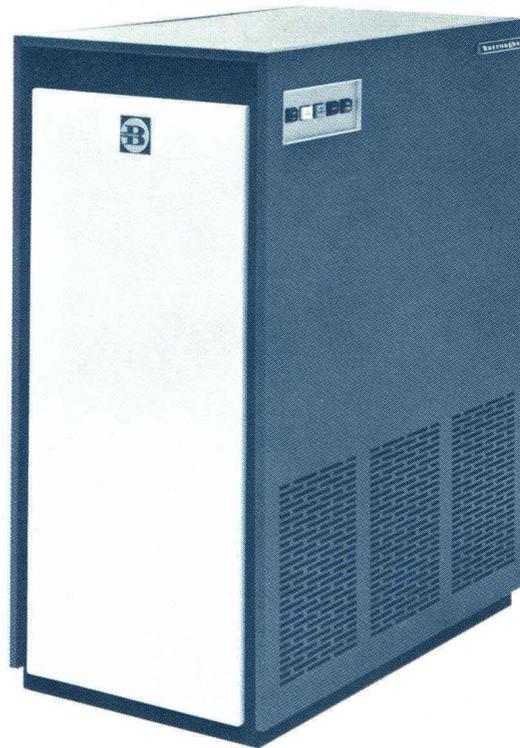# Burroughs
B 9370-1
Systems
Memory

Operating Characteristics

- [ ] A magnetic disk file used for system software, user programs and/or general data storage.
- [ ] System Memory module has a capacity of 1 million bytes. Two modules may be connected to a single Systems Memory Control Unit through an exchange.
- [ ] One read/write head per track of information on the disk face. No arm movement or positioning time required to access data; thus, "seek time" is eliminated.
- [ ] 100 information tracks per disk face.
- [ ] 10,000 segments per disk face.
- [ ] Segment length is 100 bytes—200 digits.
- [ ] One million bytes per disk face-two million digits per disk face.
- [ ] Maximum access time is 34 milliseconds.
- [ ] Average access time is 17 milliseconds.
- [ ] Maximum data transfer rate is 291,000 characters per second.
- [ ] Five-digit decimal address which is sequential provides ease in record addressing, file organization, and file maintenance.
- [ ] Automatic checking to assure valid data recording. All-electronic switching provides greater reliability than with moving arm devices.
- [ ] Information can be recorded in digit or character mode.

Physical Characteristics

- [ ] Width: 19¾ inches.
- [ ] Depth: 45½ inches.
- [ ] Height: 45½ inches.

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