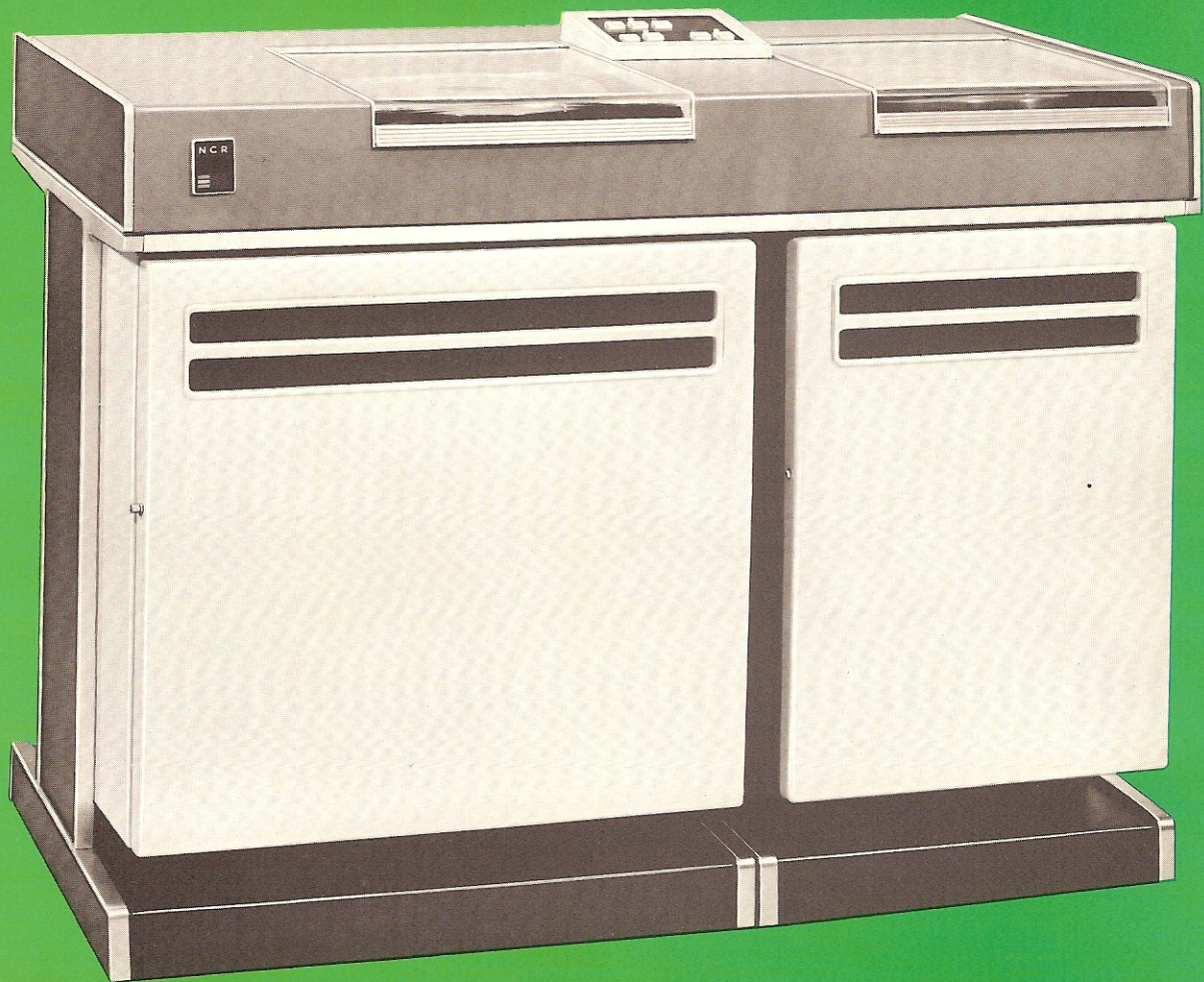
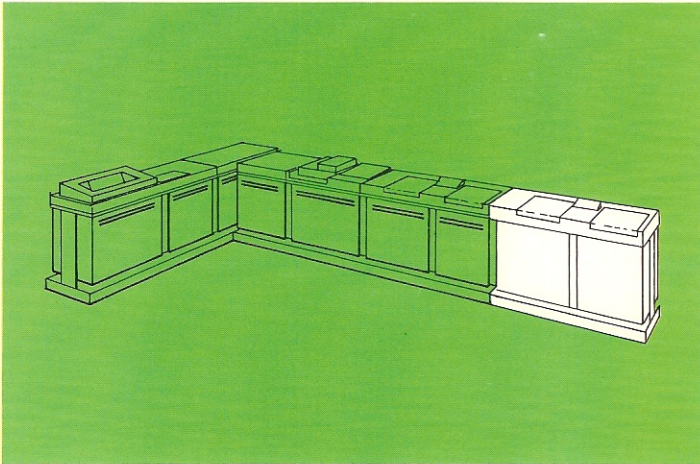


dual spindle disc



655-201 Dual Spindle Disc



Century discs provide exceptional processing flexibility with random, serial, and selective sequential capabilities. Fast access combined with low storage cost per byte make this the highest performance removable disc pack unit available for the price.

All disc units use an identical disc pack for data interchange between all members of the Century Series. The capacity of each disc pack, over 4 million bytes, provides a memory extension capability of more than 8 million bytes.

The dual spindle disc is a freestanding unit that is connected to the common trunk in various combinations through a disc controller.

655-201 DUAL SPINDLE DISC

- Attached to common trunk via 625-101 controller
- Data transfer rate 108,000 characters per second
- 2 spindles per unit
- 8,388,608 bytes per unit
- 4,194,304 bytes per disc pack
- 6 surfaces per disc pack
- 12 read/write heads per surface
- Only 16 head moves required to access all data on a disc pack
- Over $\frac{1}{2}$ million characters accessible without head movement
- Head movement time 20 to 70 milliseconds (45 milliseconds average head movement time)
- Latency time 20.8 milliseconds
- Sector length of 512 bytes

655-202 DUAL SPINDLE DISC

- Data transfer rate 180,000 characters per second
- Latency time 12.5 milliseconds (average)
- Rotational speed 2400 revolutions per minute
- Not available on Century 100 System
- Other features same as 655-201

625-101 DISC CONTROLLER

- Provides common trunk communication with 655-201/202 dual spindle discs
- Handles 4 units (8 spindles) (maximum)
- Functions: Seek, seek/read, seek/write. Seeking is offline to the processor. Seek on one or more units overlapped with read or write on other unit.