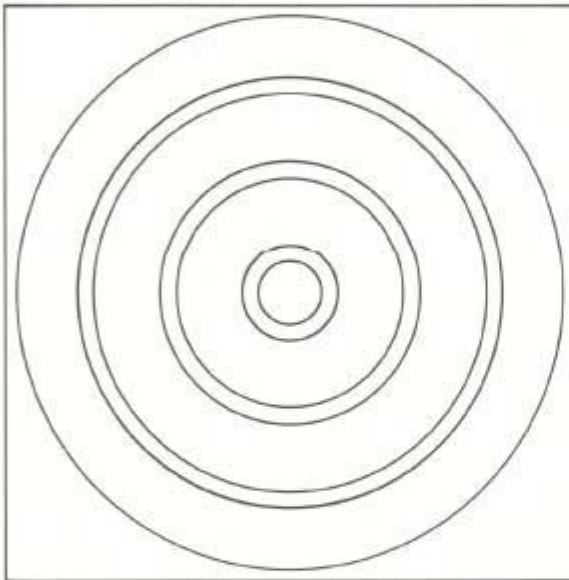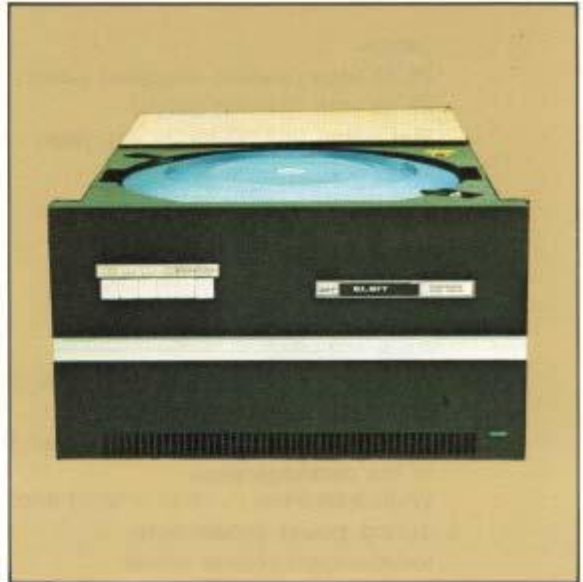# PACT SYSTEM
327 Cartridge Disk Drive

ELBIT

Bits per track
62,500
Bits per cylinder
250,000**Bits per unit**
100,000,000
Tracks per cylinder
4
Cylinders per unit
406 (numbered 0 through 405)

Track Density
200 TPI
Acessing Time
MAXIMUM ACESS TIME
60ms
MAXIMUM TRACK TO TRACK ACESS TIME
7ms
AVERAGE ACESS TIME
35ms
Spindle Speed
2400 rpm

± 2% with ± ½Hz and + 10%
− 15% mains tolerances
Latency Time
12.5ms (at 2400 rpm)

Recording Mode
Double frequency

Density (nominal)
1530 bpi (outer track)
2200 bpi (inner track)

Bit rate (nominal)
2.5 MHz
Sectors
29
Units per controller I/0 channel
hard or missing clock soft sectoring 4 maximum,
in daisy-chain configuration

Cartridge Disk
DISK PER CARTRIDGE
1
USEABLE RECORDING SURFACES PER DISK
CARTRIDGE
2
Disk surface diameter
14 inches
Recording diameters
Track 405 (inner), 9.077 inches
Track 0 (outer), 13.127 inches nominal

Disk surface coating
Magnetic oxide

Read/Write Heads
CDC self-loading, straddle erase standard; (pre-
erase available)

Physical (Rack-Mounted Unit) Height
10.31 inch (panel)
(Mounts on 10½-inch centers in relay rack)

Width
19 inch

Depth
28.25 inch (behind recessed panel)
28.63 inch (behind panel)
Flat panel (fits 30-inch deep relay rack)
Weight
135 pounds (rack version)

FEATURES
9.0 MB formatted
Under 35ms random acess time
Rack mounted
Self-contained, integral, universal 50/60H, 100-250 VAC power supply
Extremely cool operation (less than 5°F temp. rise in the cartridge area
Wide tolerance (-15% $+10\%$) allows operation during power brown-outs
Independant blower motor

Specifications Subject To Change Without Notice