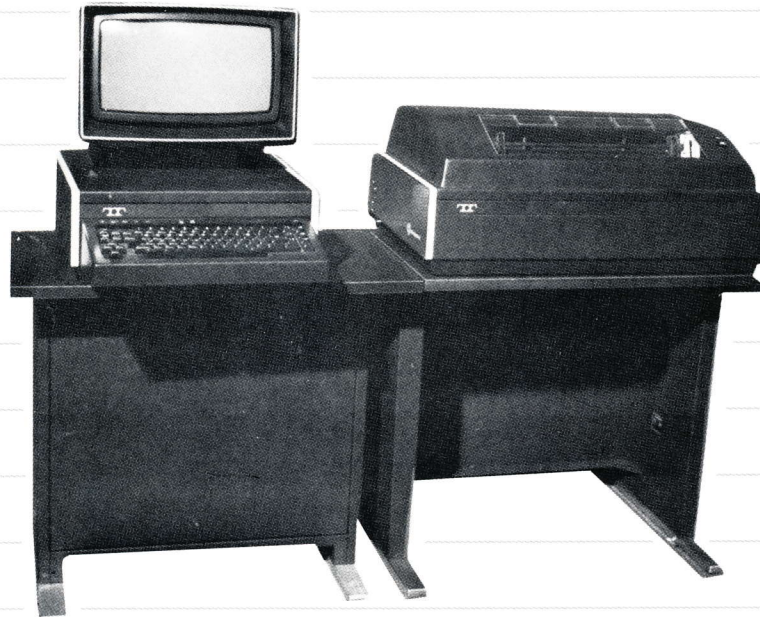


Console Data Terminal (CDT)



- System interface between operator and processor
- Data display
- Keyboard
- Printer
- Features — modular design, batch or conversational communication, variety of speed, EIA-STD-RS232C serial interface, high speed printout, built-in diagnostics, easy data preparation and editing.



Features

Characteristics

The Console Data Terminal (CDT) is Teletype* Model 4420 Data Terminal consisting of:

- Display Keyboard
- Printer Mechanism
- Printer Cabinet
- Form Accumulator
- Pedestal
- Pedestal Top

Input/Output Devices

DISPLAY

- Alphanumeric character display
- 96 ASCII character set
- 31 ASCII control codes
- 24 lines of 80 characters per line
- Refresh rate — 60 Hz
- Characters formed by 7 x 9 matrix[†]
- Internal refresh memory
- Refresh memory capacity (optional 1, 2, or 3 pages)
- Automatic parity checking on received data
- Tube tilt forward and backward to compensate for lighting glare

KEYBOARD

- 96 ASCII characters
- 31 ASCII control characters

Editing controls:

- Line delete
- Character insert
- Character delete
- Line insert
- Tab set
- Tab clear
- Clear

Other Keyboard Controls:

- Send
- Receive
- Local
- Interrupt
- Print on-line
- Print off-line
- Print local
- Home cursor
- Cursor return

PRINTER

- 300 lines per minute
- 80 characters per line (due to limit of display)
- Tractor feed
- Automatic new line at end of line
- Test character generator

Physical

Power Requirements:

- Supply voltage — 120 VAC @ 60 Hz
- Starting current — 25 amperes (maximum)

Operating power — 360 watts

Weight and Size:

Keyboard and Display — 17.0 W, 16.5 H, 25.0 D

Weight — 113 lbs

Printer — 22.2 W, 8.3 H, 14.22 D

Weight — 109 lbs

Pedestal (2 required) — 27.6 W, 25.5 H, 17.4 D

Weight — 55 lbs. ea.

Cabinet and Mounting:

The keyboard and display will be mounted on one free standing pedestal. The printer will be mounted on an separate pedestal.

Humidity — Non-condensing
Temperature — +40° F to 110° F

*Trademark of Teletype Corporation

Applications

- Digital Data Entry to Computer Systems
- Computer Operator Communication Device
- Data Editing
- Management Information Systems
- Search and Retrieval Systems