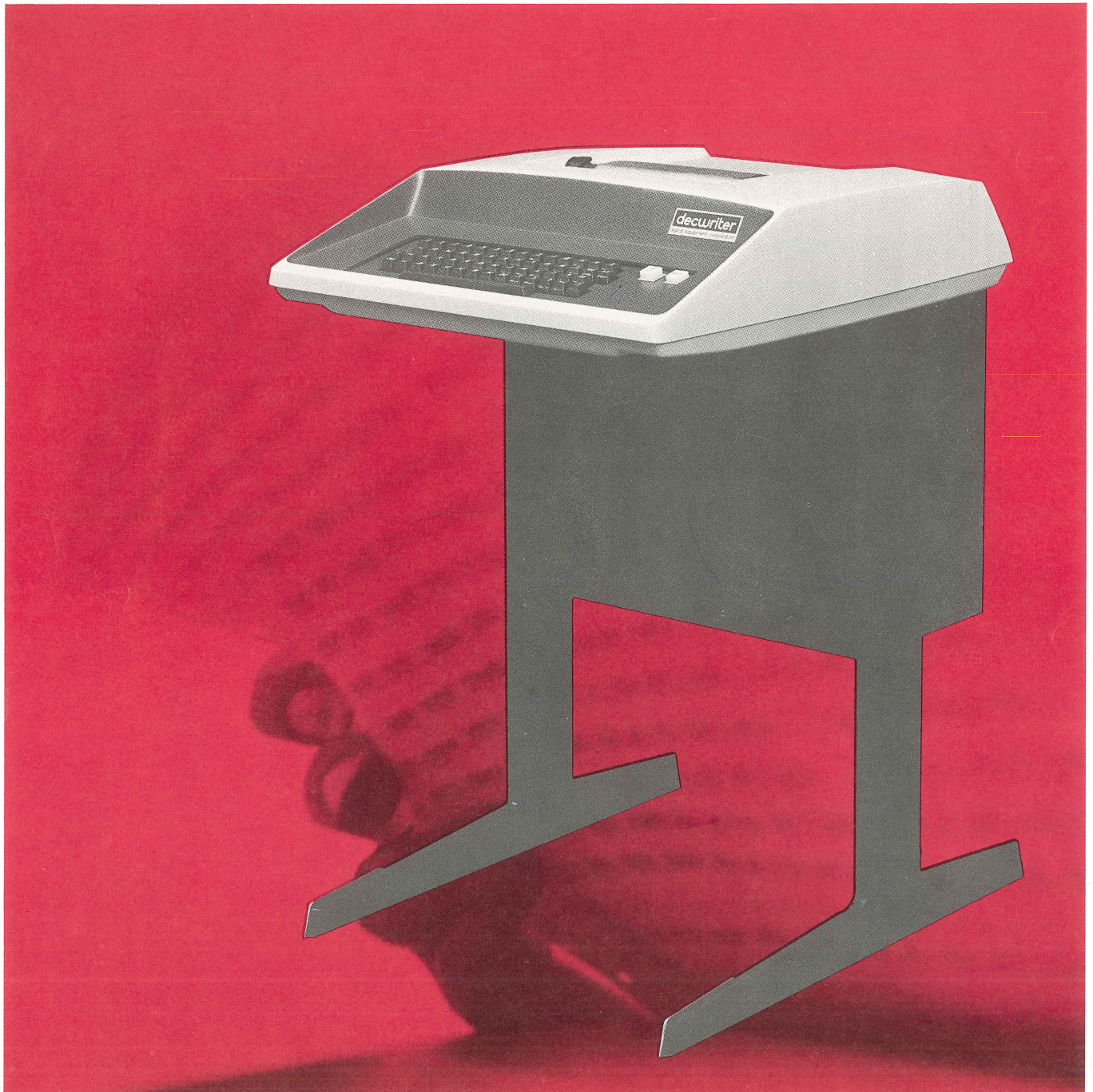


DIGITAL EQUIPMENT CORPORATION

all pdp-computers

OPTION BULLETIN

LA30 DECwriter data terminal



digital

Serial Model LA30-

upto 3 Times
speed of TTY

ms 110 } BAUD
220 }
330 }

HERE IS A SAMPLE OF DECWRITER COPY
REPRODUCED FULL SIZE. EACH CHARACTER
HAS BEEN DERIVED FROM A 5 X 7 DOT
MATRIX. NOTE THE CLARITY.

THE LA 30 PRINTS FROM THIS SET OF 64
CHARACTERS AT SPEEDS OF UP TO 30
CHARACTERS PER SECOND:

ABCDEFGHIJKLMNOPQRSTUVWXYZ
1234567890
!"#\$%&'()*+,-./:;<=>?@[\]^_`

Features:

- Fast...30 Characters per Second Asynchronous Printing
- Low Cost
- Mechanical Simplicity for High Reliability
- 64-Character Print Set
- 96- or 128-Character Data Entry Keyboard
- Impact Printing
- Quieter than an Electric Typewriter

The LA30 DECwriter meets the need for a fast, reliable and low-cost data terminal. The unit prints from a set of 64 characters at speeds of up to 30 characters per second. Data entry is made from either a 96- or 128-character keyboard.

The DECwriter makes a hard-copy original plus one copy on a standard 9-7/8-inch wide, tractor-driven continuous form. Interfaces are available for the entire line of Digital PDP computers.

The DECwriter data terminal comes complete with an attractive stand. The noise level generated by the terminal is less than an electric typewriter, a feature really welcomed in an office environment. The basic low-price of DECwriter makes it uniquely appropriate for systems requiring large numbers of highly reliable printer/terminals.

High reliability has been achieved by electronic design that has reduced the number of mechanical parts. Clutches, brakes, dashpots and other similar parts have been eliminated from the printing mechanism. Instead, the DECwriter generates a 5 x 7-bit matrix. Seven solenoid-driven, spring-loaded pins are arranged vertically in the printing head. The head is advanced along the line by solid-state logic and drive circuitry actuates selected pins at the appropriate time to generate the required characters. The high readability of the characters produced by the DECwriter is evident from the full size reproduction of DECwriter copy.

SPECIFICATIONS

Printer

- Printing Speed: 30 characters per second, asynchronous; 300 ms carriage return
- Line Length: 80 character positions
- Character Spacing: 10 characters per inch
- Line Spacing: 6 lines per inch
- Paper: 9-7/8"-wide tractor-driven continuous form original plus one copy
- Typeface: 5 x 7 dot matrix
- Interface: Available for all Digital Equipment Corporation computers
- Ribbon: 1/2-inch x 120 feet, nylon

Data Entry

- Code: USASCII-1968
96 characters (128 optional)
- Interface: Available for all Digital Equipment Corporation computers

Environmental/Physical

- Temperature: 50° F-100° F
- Humidity: 5-90% (noncondensing)
- Power: Type LA30-A: 115VAC, 50-60 Hz
Type LA30-B: 230VAC, 50-60 Hz
- Dimensions: 20-1/2 inches wide x 31 inches high x 24 inches deep

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