

## PRODUCT DATA SHEET

The Model 2245 Matrix Printer is a compact, bidirectional matrix printer for the 2200 Series product line. The Model 2245 is ideal for use as a terminal printer, or as a low-speed, low-volume system printer. When attached to the 2236DE or 2236DW terminals, the printer produces draft printing for Word Processing documents and low-volume, hard-copy output.

When the Model 2245 is used as a terminal printer, hard-copy screen images that include box and character graphics can be produced from a 2236DW terminal. Grids and bar graphs are examples of the box and character graphics produced when a 2245 matrix printer is attached to a 2236DW terminal.

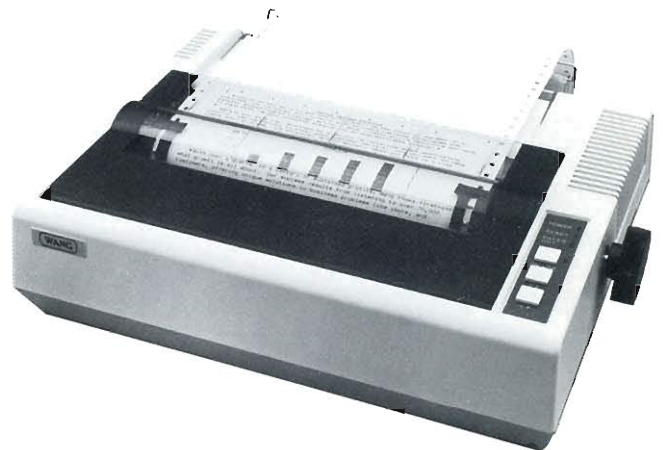
The Model 2245 uses a 9 by 9 dot matrix to print a full set of 128 characters in one of the multinational languages available. The characters are printed on either an 80-character line (10-pitch), or a 132-character line (16.5-pitch). Copy is produced at six or eight lines per inch, 80 characters per second (cps).

Standard features of the Model 2245 Matrix Printer include ON LINE, FF (Form Feed), and LF (Line Feed) buttons, as well as POWER, READY, ON LINE and PAPER OUT indicator lamps. The ON LINE button places the printer in the ready position to receive data from a 2200 Series Central Processing Unit, and allows printing to be halted temporarily without loss of data. A Forms Thickness lever adjusts the distance between the print head and the carriage to vary print intensity. Other features of the Model 2245 are a low cost, operator replaceable print head with an estimated life expectancy of 100 million characters, a removable cartridge ink ribbon, a backload paper

# 2200

## MODEL 2245 MATRIX PRINTER

- Reproduces CRT Graphics From a 2236DW Terminal
- Prints 80 Characters per Second
- Operator Replaceable Print Head
- Prints Bidirectionally 80 or 132 Characters per Line
- Programmable 10- and 16.5-Pitch Selection
- Feeds Continuous Forms up to 10 Inches in Width



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feed, a forms-tractor paper advance, an audio alarm, and a full-line character buffer.

Printer control is completely programmable by means of an extensive selection of control codes. These codes allow the user to select the following

```

&@i0aæi0uæ0å0ü
!"#$%&'()*+,-./
0123456789:;<=>?
@ABCDEFGHIJKLMNO
PQRSTUVWXYZ[\]^_`
°abcdefghijklmnop
pqrstuvwxyzšššššš
.♦▶◀→L|'"/\^°#||$%&'
-♦▲▼↓↑~°{ }Δ□
    
```



**Alternate Font at 10-Pitch**  
(U.S., U.K. and Azerty Character Set)

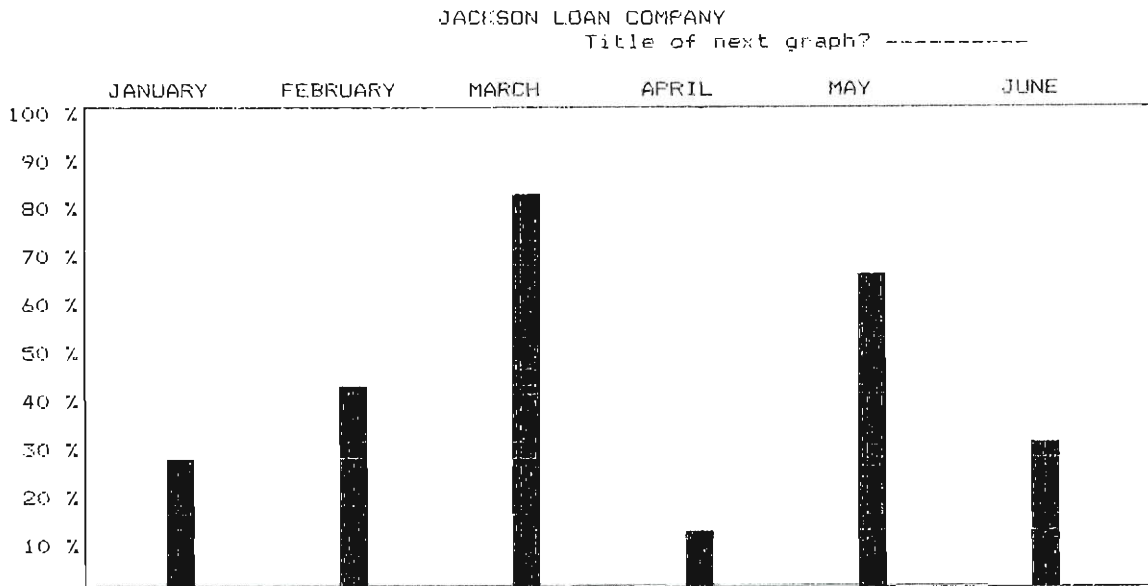
functions: highlighted printing (expanded print, emphasized print and underscored print), vertical tab, form feed, pitch selection, and font selection. In addition, vertical line density can be set to six or eight lines per inch and automatic line feed can be enabled or suppressed following a carriage return.

```

&@i0aæi0uæ0å0ü
!"#$%&'()*+,-./
0123456789:;<=>?
@ABCDEFGHIJKLMNO
PQRSTUVWXYZ[\]^_`
°abcdefghijklmnop
pqrstuvwxyzšššššš
.♦▶◀→L|'"/\^°#||$%&'
-♦▲▼↓↑~°{ }Δ□
    
```



**Alternate Font at 16.5-Pitch**  
(U.S., U.K. and Azerty Character Set)



**Sample Graphic Printout From a 2236DW Terminal**

## MODEL 2245 MATRIX PRINTER SPECIFICATIONS

### Size

Height ..... 4.2 in. (10.7 cm)  
Depth ..... 12.0 in. (30.5 cm)  
Width ..... 14.7 in. (37.3 cm)

### Weight

12.0 lb (5.4 kg)

### Speed

80 cps

### Character Configuration

9 x 9 dot matrix (16.5-pitch)  
9 x 9 dot matrix (10-pitch)

### Character Set

A 128-character set, including uppercase and lowercase letters; box and character graphics for reproducing screen images using the 2236DW terminal. This set satisfies the U.S., U.K. and French (Azerty) requirements.

### Language Options

Dutch (Netherlands) ..... LO2245-NL  
French Canadian ..... LO2245-CA  
Germany ..... LO2245-GE  
Greece (Greek/Latin) ..... LO2245-GL  
Iceland ..... LO2245-IC  
Norway and Denmark ..... LO2245-NO  
Spain and Latin America ..... LO2245-SP  
Sweden and Finland ..... LO2245-SW  
Switzerland (Swiss/French,  
Swiss/German) ..... LO2245-SU

### Line Width

132 characters/line (16.5-pitch)  
80 characters/line (10-pitch)

### Ribbon

Cartridge ink ribbon

### Print Head

Operator replaceable, disposable

### Buttons

ON/OFF, ON LINE, FF (Form Feed), and LF (Line Feed)

### Indicator Lamps

Power, Ready, On Line and Paper Out

### Programmable Control Functions

Line Feed, Vertical Tab, Top of Form, Audio Alarm, Set Lines per Inch (6 or 8), Underscore, Expanded Print, Emphasized Print, Select Font, Select Pitch (10 or 16.5), Set and Disable Auto Line Feed (after carriage return), Reset to Power on defaults

### Cable

12-ft (3.66 m) cable with connector to controller board

### Controller

Standard Wang Printer/CPU Interface

### Power Requirements

115 VAC  $\pm$  10%  
60 Hz  $\pm$  0.5 Hz  
0.87 amp, 100 W

220/240 VAC  $\pm$  10%  
49 to 66 Hz  
0.44 amp, 100 W

### Operating Environment

Temperature  
50° F to 90° F (10° C to 32° C)  
Relative Humidity  
20% to 80%, noncondensing

## PAPER SPECIFICATIONS

### Forms Size (Continuous Forms Paper)

Maximum width ..... 10.0 in. (25.4 cm)  
Minimum width ..... 4.0 in. (10.2 cm)  
Forms length (60 Hz) ..... 11.0 in. (27.9 cm)  
Forms length (50 Hz) ..... 12.0 in. (30.5 cm)

### Forms Thickness

Thickness ..... 0.01 in. (0.3 mm)  
Maximum number . . . . two copies plus original

## ORDERING SPECIFICATIONS

A bidirectional matrix printer providing complete alphanumeric printing capability to the Wang 2200 series product line. A 9 by 9 dot matrix must be used to produce a 128-character set, and international character sets, with both uppercase and lowercase characters. Printing must be on an 80-character line (10-pitch) or a 132-character line (16.5-pitch), at six or eight lines per inch and at a rate of 80 cps. The printer must produce underscored

printout, expanded print characters, and have a full-line buffer. All printable characters must be fully programmable, and the printer must respond to a series of format and function control codes. When the printer is used as a 2236DW local terminal printer, it must be capable of providing graphic character output for screen reproductions.

*This document was set on a Wang typesetter.*

*Wang Laboratories reserves the right to change specifications without prior notice.*



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