

**WANG**

LABORATORIES, INC.

ONE INDUSTRIAL AVENUE, LOWELL, MASSACHUSETTS 01851, TEL. (617) 851-4111, TWX 710 343-6769, TELEX 94-7421

## DATA SHEET

The Model 2261W Line Printer is a 240 lines per minute matrix impact printer. It prints either a 136-character line (10-pitch format) or 160-character line (nominal 12-pitch format) utilizing four print heads which operate in unison, printing in both forward and reverse directions. The four print heads enable the Model 2261W to maintain a printing rate of 240 lines per minute independent of line size and pitch format. Its unique printing scheme, selectable line length, line density and additional standard features combine to provide high quality printed output to the System 2200 Computer.

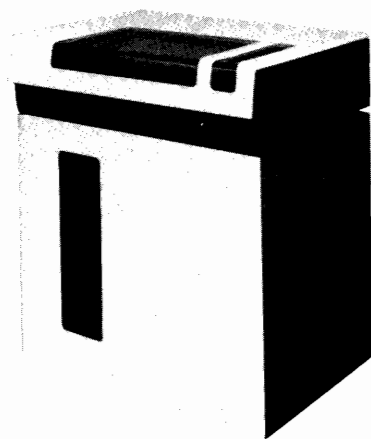
The Model 2261W as a high performance matrix line printer is designed to fit the needs of Wang computer systems in applications where print volumes are beyond the range of normal serial matrix printers. The Line Printer is also ideally suited to many large printing applications which do not justify the very high volume/heavy duty nature of a chain type line printer. Therefore the Model 2261W provides an attractive mid to high range printer which is very cost effective in many Wang computer system environments.

The Model 2261W Line Printer uses a high density dot matrix (11x9 for 10 pitch and 9x9 for 12 pitch) to print a full ASCII set of 96 characters containing both upper and lowercase letters, numbers and symbols. The fast yet quiet movement of the four print heads provides bidirectional printed output at 240 lines per minute in either 10 character/in. (up to 136 characters per line) or 11.76 character/in. (up to 160 characters per line) format. In addition, line density is switch selectable at 6 lines/in. or 8 lines/in. Standard features of the printer include a CLEAR switch, alarm lamp and tone, manual line feed, adjustable print head carriage for multiple forms, vertical format control with punched tape loop, paper feed control with pin-feed units, bottom-loading paper feed with concealed tray, full-line buffer, and a SELECT/deselect switch to enable the printer to receive data from the System 2200 or to halt printing temporarily without causing loss of data.

The Model 2261W prints its full character set under program control; automatic formatting including both horizontal and vertical tabs is fully programmable to accommodate pre-printed and fixed-format output forms. An expanded character size (where dots of each character matrix are printed twice) is fully programmable to provide highlighted printing where desirable. Paper movement in the printer is controlled by a three-channel vertical format tape.

Sample of Expanded Print:

WANG 4-HEAD  
BI-DIRECTIONAL



# MODEL 2261W LINE PRINTER

Can we print while doing other tasks

### FEATURES

- Dot matrix with extremely tight font.  
11x9 – 10 pitch  
9x9 – 12 pitch.
- 96 character set, full ASCII.
- 240 lines/min can be printed independent of characters per line and pitch.
- 10 pitch or 12 pitch (nominal)\* character format.
- 4 matrix impacter heads, bidirectional printing.
- Full-line buffer – each head has a buffer accommodating one-fourth of the line size (136 or 160 character line).
- Variable line density – 6 lines/in. or 8 lines/in.
- Audio alarm.
- Adjustable settings of head carriage.
- Expanded print capability.
- Bottom-load paper feed with enclosed tray.
- Deselection without data loss.
- Compatible with Wang's inexpensive optional four-port printer multiplexer.

\* Nominal 12 pitch represents 11.76 characters per inch.

### SPECIFICATIONS

- Printer Size:**  
 Height . . . . . 36 in. (91 cm)  
 Depth . . . . . 26 in. (66 cm)  
 Width . . . . . 27 in. (68.6 cm)
- Weight:**  
 210 lb (94.5 kg)
- Speed:**  
 240 lines/min. independent of line length.
- Character Configuration:**  
 11x9 and 9x9 dot matrix (dots not in adjacent columns of same row).  
 10 char/in. (4 char/cm) or 11.76 char/in. (4.6 char/cm), selectable  
 6 lines/in. (2.4 lines/cm) or 8 lines/in. (3.1 lines/cm), selectable
- Character Set:**  
 full ASCII, 96 characters, both upper and lowercase
- Line Width:**  
 136 characters, maximum with 10 pitch  
 (68 characters, expanded)  
 160 characters, maximum with 12 pitch  
 (80 characters, expanded)

### BENEFITS

- Quality characters are highly readable.
- Both upper and lowercase characters plus numerals and special symbols are available for a variety of applications.
- Excellent performance in its price range.
- Switch selectable character density in either a 10 pitch (136 character line) or 12 pitch (160 character line) format.
- Fast, quiet operation with longer head life.
- CPU and printing operations can fully overlap to accelerate throughput.
- Switch selectable line density allows greater flexibility in output presentation.
- Warns operator of paper out condition. Can be used under program control for a variety of applications.
- Operator can vary distance between platen and matrix head for multiple parts form.
- Documentation titles and headings can be enlarged through programmed instructions.
- Paper storage is conveniently out of the way; insertion is handled quickly and easily.
- Forms can be changed and aligned without losing data in the print buffer.
- The high performance of the Model 2261W can be effectively utilized by several attached Wang computers or Work Stations.

### SPECIFICATIONS (Cont.)

- Ribbon:**  
 Nylon, double spool, reversable  
 1 1/2 in. (3.8 cm) wide  
 64 yd (58.5 m) long
- Switches/lamps:**  
 ON/OFF, SELECT, PITCH, LINE/IN., LINE FEED, TOP OF FORM, CLEAR, FORMS OVERRIDE, paper out alarm and lamp, power on lamp, select lamp, and alarm tone.
- Control Codes:**  
 Audio Alarm HEX (07), Line Feed HEX (0A), Vertical Tab HEX (0B), Form Feed HEX (0C), Expanded Print HEX (0E), and Delete (to clear buffer of partial line) HEX (7F).
- Vertical Format Control**  
 3-channel, std – 1 inch (2.54 cm) tape. Vertical Tab, Top of Form, Page Reject.
- Paper Size:**  
 Maximum width . . . . . 14.9 in. (37.8 cm)  
 Minimum width . . . . . 5.0 in. (12.7 cm)  
 Paper width settings adjustable  
 maximum form length . . . . . 11 in. (27.9 cm)  
 Up to four copies plus original can be printed.

## SPECIFICATIONS (Cont.)

**Cable:**

6 ft (1.8 m) to power source  
12 ft (3.7 m) to controller

**Controller:**

Line Printer Controller must be ordered separately to attach to 2200A, B or C or to drive more than one printer/plotter on 2200S, 2200T, WCS and 2200VP. The printer interfaces directly with the PCS and the Work Station.

**Power Requirements:**

115 or 230 VAC  $\pm$  10%  
50 or 60 Hz  $\pm$  1 Hz  
460 watts

**Fuses:**

5A (SB) for 115 VAC  
2.5A (SB) for 230 VAC

**Operating Environment:**

50 to 90°F (10 to 32°C)  
40 to 80% relative humidity, non-condensing, allowable  
40 to 65% recommended.

### ORDERING SPECIFICATIONS

A bidirectional printing, 4-head line printer providing complete alphanumeric printing capability to any Wang System 2200. It must print a full-line of up to 160 characters using a dot matrix printing technique with either a 11x9 or 9x9 dot matrix. It must print a full ASCII character set with both upper and lowercase letters in either 10 pitch (136 column) or 12 pitch (160 column) format, and react to ASCII control codes. All printable characters must be fully programmable and the printer must have a full-line buffer. It must have expanded print capability, a selectable 6 lines/in. or 8 lines/in. format and print 240 lines per minute (independent of line length).

*Standard Warranty Applies*



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

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