

PRODUCT DATA SHEET

The Model 2235 Line Printer is a bidirectional matrix printer that utilizes free-flight head technology to provide low cost, high-quality, reliable output for the 2200 series product line. The printer is encased in an attractive, streamlined cabinet lined with soundproofing material to enable quiet operation. Using a full ASCII 96-character set, the Model 2235 provides a variety of standard features.

The Model 2235 Line Printer offers software controlled pitch selection, producing a 132-character line (10-pitch) and a 158-character line (12.2-pitch). Ten-pitch characters are printed in a 9 x 9 dot matrix and 12.2-pitch characters are printed in a 7 x 9 dot matrix. The Model 2235 produces high-speed copy with six or eight lines per inch, printing 181 10-pitch characters per second (cps), and 222 12.2-pitch cps. The printer also provides a fast tabbing feature that speeds throughput when zones of five character positions or more are skipped.

Standard features include FORM OVERRIDE, LINE FEED, CLEAR, and TOP OF FORM switches, and Power On, Paper Out, MALFUNCTION, and SERVO Fuse indicator lamps. A SELECT switch 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 print head carriage to vary print intensity, and a separate Print Head Retraction lever facilitates ribbon replacement and paper insertion without dislocating the print intensity

2200

MODEL 2235 LINE PRINTER

- Cost-Effective, High-Speed, Bidirectional
- New Technology Print Head
- Six or Eight Lines per Inch (Vertically)
- Programmable Vertical Format Unit (DAVFU)
- Programmable 10- and 12.2-Pitch Selection
- Expanded Print and Underscore Capabilities



12.2-Pitch Character Set

```
!"#$%&'()*+,-./
0123456789:;<=>?
@ABCDEFGHIJKLMNO
PQRSTUVWXYZ[\]^_
`abcdefghijklmno
pqrstuvwxyz{|}~
EXPANDED  
PRINT
```

10-Pitch Character Set

```
!"#$%&'()*+,-./
0123456789:;<=>?
@ABCDEFGHIJKLMNO
PQRSTUVWXYZ[\]^_
`abcdefghijklmno
pqrstuvwxyz{|}~
EXPANDED  
PRINT
```

WANG

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setting. Other features include frontload and bottomload paper feed, forms-tractor paper advance, an audio alarm, and a full-line character buffer.

Printer control is completely programmable via an extensive selection of control codes. An electronic Direct Access Vertical Format Unit (DAVFU) can be loaded under program control to establish the vertical format. The DAVFU utility is available on all 2200 series operating systems. Other codes permit the following functions: highlighted printing (expanded print and underscore), full and partial line feeds, vertical line density of six or eight lines per inch, carriage return, form feed, and pitch selection.

MODEL 2235 LINE PRINTER SPECIFICATIONS

Size

Height	9.5 in. (24.1 cm)
Height (with stand)	36.8 in. (93.3 cm)
Depth	20.9 in. (53.0 cm)
Depth (with stand)	27.0 in. (68.6 cm)
Width	27.0 in. (68.6 cm)

Weight

68.0 lb (30.8 kg)

Speed

222 cps (12.2-pitch)
181 cps (10-pitch)

Character Configuration

7 x 9 dot matrix (12.2-pitch)

9 x 9 dot matrix (10-pitch)

10 or 12.2 characters per inch (4 or 4.8 characters per centimeter) horizontally

6 or 8 lines per inch (2.4 or 3.2 lines per centimeter) vertically

Character Set

Full ASCII 96 characters, both uppercase and lowercase

Line Width

132 characters per line (10-pitch)
158 characters per line (12.2-pitch)

Ribbon

Cartridge ink ribbon, recirculating

Switches/Indicators

ON/OFF, SELECT, FORM OVERRIDE, CLEAR, TOP OF FORM, LINE FEED, Paper Out indicator, Power On indicator, Servo Fuse indicator, Mal-function indicator, and Select indicator

Programmable Control Functions

Audio Alarm, Line Feed, Form Feed, Vertical Tab, Underscore, Expanded Print, Top of Form, Carriage Return, Suppression of Line Feed Following a Carriage Return, Clear Buffer, Select 10- or 12.2-Pitch, Load Vertical Format Unit (VFU), VFU Channel Skip, Skip VFU Lines, Select Vertical Line Density, Select Font, Superscript and Subscript Printing (Partial Line Feed)

Cable

12 ft (3.66 m) cable with connector to CPU

Controller

Standard Wang Printer/CPU Interface

Power

115 or 230 VAC \pm 10%
50 or 60 Hz \pm 1 Hz
0.8 amps, 92 watts

Fuses

3.0 amp (SB) for 115 VAC
1.5 amp (SB) for 230 VAC
2.5 amp (SB) for DC carriage motor

Operating Environment

50° F to 90° F (10° C to 32° C)
35% to 65% relative humidity, noncondensing

Accessories

Optional stand (Model 8005-5)

PAPER SPECIFICATIONS

Paper Size

Maximum width 14.9 in. (37.8 cm)
Minimum width 3.5 in. (8.9 cm)
Maximum number five copies plus original

Paper Stock

Material margin-perforated, fan-fold
card or paper stock

Single part forms 15 to 20 lb bond

Multipart forms

2 ply 15/15 lb bond, 7 lb carbon

3 ply 15/12/15 lb bond, 7 lb carbon

4 ply 12/12/12/15 lb bond, 7 lb carbon

5 ply 12/12/12/12/15 lb bond,
5 lb carbon

6 ply 12/12/12/12/12/15 lb bond,
5 lb carbon

Forms Length (Continuous Forms Paper)

Maximum 24 in. (61.0 cm)
Minimum 1 line

Forms Thickness

Maximum in print area . . . 0.018 in. (0.046 cm)
Over crimps in margin . . . 0.030 in. (0.076 cm)

Sprocket Holes

Must run along both margins 0.25 ± 0.03 in.
(0.0635 ± 0.076 cm) from the paper edge to
hole center lines.

Distance between hole centers must be $0.5 \pm$
 0.005 in. (1.27 ± 0.0127 cm), nonaccumulative
in any 5 in. (12.7 cm) length.

Hole diameters must be 0.156 ± 0.005 in.
(0.396 ± 0.0127 cm); the two top and bottom
drive holes (four per sheet) can be up to 0.2 in.
(0.51 cm) in diameter to permit post or ring
binding of output.

Distance between hole centers across the sheet
must be uniform within 0.015 in. (0.038 cm) to
a maximum of 12.31 in. (31.27 cm).

When using preprinted forms, the pinhole
center in the left margin cannot be less than
 0.375 ± 0.0625 in. (0.95 ± 0.16 cm); the pin-
hole center in the right margin cannot be less
than 0.375 ± 0.0625 in. (0.95 ± 0.16 cm).

Fastening Multipart Forms

For improved forms handling, use glued mar-
gins; otherwise, fasten with crimps every 2 in.
(5.1 cm) along both edges.

Crimps must not come closer than 0.5 in. (1.3
cm) to the fanfold; each crimp must have four
prongs, two to enter both form and carbon, and
two to enter forms only.

When using forms with wide and narrow copies
in the same set, the top copy should be the
widest.

ORDERING SPECIFICATIONS

A bidirectional matrix printer providing com-
plete alphanumeric printing capability to the
Wang 2200 series product line. It must print at
a rate of 222 cps (12.2-pitch) and 181 cps
(10-pitch), using a 7 x 9 dot matrix (12.2-pitch)
and a 9 x 9 dot matrix (10-pitch). It must print a
full 96 character ASCII set in both 10- and
12.2-pitch with both uppercase and lowercase
characters. It must print in expanded sizes and
respond to ASCII control codes. It must also
respond to a series of format and function con-
trol codes and all printable characters must be
fully programmable. It must print a 132-
character (10-pitch) or 158-character
(12.2-pitch) line at six or eight lines per inch
and have a full-line buffer.

Standard Warranty Applies

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Egypt
El Salvador
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Ghana
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Haiti
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International Offices

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