2200

MODEL 2263 LINE PRINTER

PRODUCT DATA SHEET

INTRODUCTION

The Model 2263 is a high performance, heavy-duty, solid-character line printer designed to accommodate the high-volume printing requirements of 2200 Series users. The printer uses a laterally revolving chain with sufficient character types to print up to 132 characters per line in 10-pitch format. The print chain has 384 fully formed character type faces arranged in multiple sets of 48 identical 8-character links. These links are mounted end-to-end in a loop to construct the print chain. Printing is accomplished by an electromagnetically activated print hammer in each print position impacting the paper from behind, pushing a small area of the form against the ribbon as the appropriate character type on the chain appears in front of the form. This printing technique produces extremely fast output with quality character resolution.

FEATURES

The printer is available in three models. Each model offers a different printing speed, print style, and ASCII character set size. Standard features of the Model 2263 Line Printer include the following.

- Full-line buffer
- Bottom-loading form feed from an enclosed cabinet
- Pin-type paper feed
- Impression control for multiple forms
- Top-of-form controls
- Manual line feed
- Alarm lamp

ON, OFF, and RUN switches enable the printer to stand by or to receive data from a 2200 Series CPU.

- **ASCII Character Set**
- **132 Characters Per Line**
- **Up to 600 Lines Per Minute**
- **Programmable Printer Operations**
- **Reliable, Cost-Effective, High Volume**

WANG

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The Model 2263 prints the ASCII character set under program control; automatic formatting, including both horizontal and vertical tabs, is fully programmable to accommodate preprinted and fixed-format output forms. Paper movement in the printer is controlled by a 3-channel Vertical Format Unit (VFU), and paper handling is aided by a paper puller and a static eliminator.

Model	Speed (lines/min)	Font	Character Set
2263-1	400	Gothic	64 ASCII
2263-2	600	Gothic	64 ASCII
2263-3	430	Courier	96 ASCII

Character Set: Models 2263-1, 2263-2

```
#$%&'()*+,-./0123456789:
;<=>?@ABCDEFGHIJKLMNOPQR
STUVWXYZ[\]^_!"
```

Character Set: Model 2263-3

```
!"#$%&'()*+,-./0123456789:;<=>?@
ABCDEFGHIJKLMNOPQRSTUVWXYZ[\]^
abcdefghijklmnopqrstuvwxyz{|}~
```

MODEL 2263 LINE PRINTER SPECIFICATIONS

Printer Size
- Height . . . . . 42 in. (106.7 cm)
- Width . . . . . 37 in. (94.0 cm)
- Depth . . . . . 32 in. (81.3 cm)

Weight
570 lb (258.5 kg)

Speed
- Model 2263-1 . . . . . 400 lines/min
- Model 2263-2 . . . . . 600 lines/min
- Model 2263-3 . . . . . 430 lines/min

Character Configuration
10-pitch, 6 lines per inch

Character Set
- Model 2263-1 . . . . . 64-character (uppercase ASCII)
- Model 2263-2 . . . . . 64-character (uppercase ASCII)
- Model 2263-3 . . . . . 96-character (uppercase/lowercase ASCII)

Programmable Operations
Line feed
Vertical tab
Form feed
Carriage return

Ribbon
Fabric ink ribbon 725-2540

Power Requirements
115 or 230 VAC ± 10%
50 or 60 Hz ± 1 Hz
732 W

Heat Dissipation
2497 BTU/hour

Switches and Lamps
ON, OFF, SELECT (RUN), DESELECT (STOP), LINE FEED (ONE LINE), TOP-OF-FORM (HOME), and alarm lamp for paper, ribbon, or printer malfunctions

Cables
12-ft (3.7 m) power cord with 3-prong plug interface cables, maximum 50.0 ft (15.2 m)

Fuses
A circuit breaker is located behind the lower right side.

Vertical Format Control
Three-channel VFU includes vertical tab, TOP-OF-FORM, and page eject.

Controller
Standard Wang Printer Controller/CPU interface. The Wang 2221M Printer Multiplexer may be used with the Model 2263 for optimum utilization of the line printer.

Operating Environment

40°F to 95°F (4.4°C to 35°C)
35 to 65% relative humidity, noncondensing allowable

PAPER SPECIFICATIONS

Paper Size

Maximum width	19.5 in. (49.5 cm)
Minimum width	3.5 in. (8.9 cm)
Maximum form length	11.0 in. (27.9 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 (20-lb recommended)
Multipart forms	
2-ply	13.5 x 13.5-lb bond, 8-lb carbon
3-ply	13.5 x 13.5 x 13.5-lb bond, 8-lb carbon
4-ply	12 x 12 x 12 x 12-lb bond, 6.5-lb carbon
5-ply	12 x 12 x 12 x 12 x 12-lb bond, 6.5-lb carbon
Carbon	8-lb (med hard) for 1- and 2-ply forms; 6.5 lb for 3, 4, and 5 ply forms

Fastening Multipart Forms

For improved forms handling, use glued margins; otherwise fasten with crimps every 2.0 inches (5.1 cm) along both edges.

Crimps must not be fastened less 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.

Forms Thickness

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

When using forms with wide and narrow copies in the same set, the top copy should have the fuller width.

Sprocket Holes

Must run along both margins 0.250 ± 0.030 in. (0.635 ± 0.076 cm) from paper edge to hole center lines.

Distance between hole centers must be 0.50 ± 0.005 in. (1.27 ± 0.013 cm) nonaccumulative in any 5.0 inch (12.7 cm) length.

Hole diameters must be 0.156 ± 0.005 in. (0.396 ± 0.013 cm); the two top and bottom drive holes (four per sheet) can be up to 0.200 in. (0.508 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 14.5 in. (36.8 cm).

Preprinted Forms

Pin-hole center in left margin to left side of leftmost character should not be less than 0.375 ± 0.0625 in. (1.000 ± 0.2000 cm).

Pin-hole center in right margin to right side of last character should not be less than 0.375 ± 0.0625 in. (1.000 ± 0.2000 cm).

ORDERING SPECIFICATIONS

The Model 2263 is a high-speed line printer providing complete alphanumeric printing capability to the Wang 2200 Series. It must print at a rate of 400, 430, or 600 lines per minute using an impact printing technique which can generate up to five carbon copies in addition to the original. The 2263 must be able to print an ASCII set of uppercase characters, lowercase characters, and special symbols in either Gothic or Courier style and have a full-line buffer. All printable characters must be programmable and the printer must react to ASCII control codes.

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