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.

WANG
Wang Laboratories, Inc.
One Industrial Avenue, Lowell, MA 01851, Tel. (617) 459-5000, TWX 710-343-6769, Telex 94-7421
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.

<table>
<thead>
<tr>
<th>Model</th>
<th>Speed (lines/min)</th>
<th>Font</th>
<th>Character Set</th>
</tr>
</thead>
<tbody>
<tr>
<td>2263-1</td>
<td>400</td>
<td>Gothic</td>
<td>64 ASCII</td>
</tr>
<tr>
<td>2263-2</td>
<td>600</td>
<td>Gothic</td>
<td>64 ASCII</td>
</tr>
<tr>
<td>2263-3</td>
<td>430</td>
<td>Courier</td>
<td>96 ASCII</td>
</tr>
</tbody>
</table>

**Character Set: Models 2263-1, 2263-2**

```
# $ & ! ( ) * + , . / 0 1 2 3 4 5 6 7 8 9: ; < > ? @ ABCDEFGHIJKLMNOPQRSTUVWXYZ
STUVWXYZ[\]^`-!"`
```

**Character Set: Model 2263-3**

```
!"#$%&'()*+,-./0123456789:;<=>?@
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.

Standard Warranty Applies
### United States

<table>
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<tr>
<th>State</th>
<th>Cities</th>
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<tr>
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<td>Birmingham, Mobile</td>
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<tr>
<td>Alaska</td>
<td>Juneau, Anchorage</td>
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<td>Arizona</td>
<td>Phoenix, Tucson, California</td>
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<td>California</td>
<td>Anaheim, Burlingame, Culp City, Emeryville</td>
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<td>Colorado</td>
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<td>Connecticut</td>
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<td>Coral Gables, Hialeah, Hollywood, Jacksonville</td>
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### International Offices

<table>
<thead>
<tr>
<th>Country</th>
<th>Office Details</th>
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<tbody>
<tr>
<td>Australia</td>
<td>Wang Computer Pty., Ltd. Adelaide, S.A. Brisbane, Qld.</td>
</tr>
<tr>
<td>Brazil</td>
<td>Wang Business, Sao Paulo</td>
</tr>
<tr>
<td>Canada</td>
<td>Wang Canada Ltd. Burlington, Ontario Burnaby, B.C.</td>
</tr>
<tr>
<td>China</td>
<td>Wang Industrial Co., Ltd. Shanghai, Beijing</td>
</tr>
<tr>
<td>France</td>
<td>Wang France S.A.R.L. Paris, Bordeaux, Lyon, Marseilles, Nantes, Nice, Rouen, Strasbourg</td>
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<tr>
<td>Germany</td>
<td>Wang (U.K.) Ltd. London, Manchester, Munich, Hong Kong</td>
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<tr>
<td>Hong Kong (People's Republic of China)</td>
<td>Wang Pac Ltd. Hong Kong</td>
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<tr>
<td>India</td>
<td>Japan, Tokyo, Netherlands, Wang GmbH, Frankfurt</td>
</tr>
<tr>
<td>Israel</td>
<td>Wang Laboratories, Ltd. Tel Aviv, Haifa, Jerusalem</td>
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<tr>
<td>Italy</td>
<td>Wilson, Rome, Milan, Turin, Genoa</td>
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<tr>
<td>Japan</td>
<td>Wang Computer Ltd. Tokyo, Osaka, Tokyo</td>
</tr>
<tr>
<td>South Korea</td>
<td>Wang Computer Ltd. Seoul, Chungcheongbuk, Suwon</td>
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</tbody>
</table>

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