

WANG

LABORATORIES, INC.

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DATA SHEET

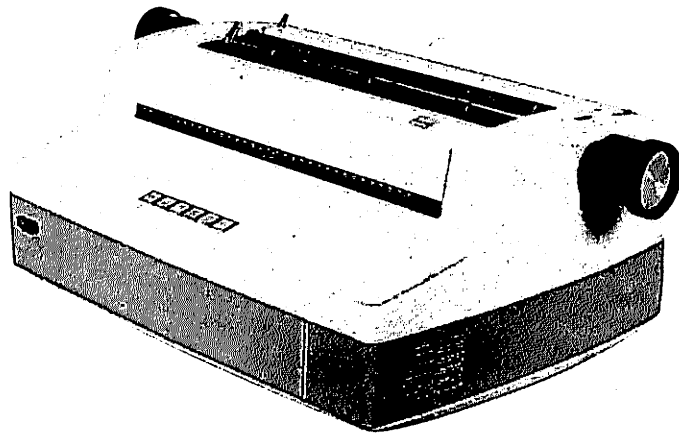
The Model 2271 Printer is a modified IBM Selectric® II typewriter capable of printing fully formatted alphanumeric output under System 2200 control. The printer uses an efficient stepping motor to generate up to 156 characters per line of information from a character element which prints in both forward and reverse directions at approximately 15 characters-per-second. Bidirectional printing essentially eliminates carriage return time and the stepping motor reduces spacing time. The net effect of this combination is a substantial decrease in overall print time.

The Model 2271 Printer provides high quality printed output in either 10-pitch format (up to 132 characters per line) or 12-pitch format (up to 156 characters per line). It prints, under program control, a full ASCII set of 86 characters containing both upper and lowercase letters, numbers and symbols. A 156-character buffer receives a full line of data sent from the System 2200 CPU. Standard features of the printer include an ON/OFF switch, TOP OF FORM and LINE FEED switches for vertical format control, pitch selection switch, changeable character element, manual line feed, 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. Automatic horizontal and vertical formatting is fully programmable to accommodate pre-printed and fixed-format output forms. The printer responds to all Wang standard SELECT statements for printing, listing, and console output. In addition, it uses the same standard printer controller as all other Wang printers.

The flexibility of the Model 2271 in term of easily changeable type faces, selectable dual pitch, wide carriage width and excellent print quality, along with an optional pin feed platen, makes it especially suited for preparing reports, documents, and business forms when used in conjunction with any Wang small computer system.

Character Set:

ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
1234567890 []@#%&*()_+
°!";'"/,.



MODEL 2271 PRINTER

FEATURES

- 10 pitch or 12 pitch character format
- 86 character set, full ASCII
- Bidirectional printing
- Full-line buffer
- Programmable character underlining
- TOP OF FORM switch
- LINE FEED switch
- Deselection without data loss
- Standard Printer/CPU interface

SPECIFICATIONS

Printer Size:

Height 8 3/4 in. (22.2 cm)
Depth 15 5/8 in. (39.7 cm)
Width 22 in. (55.9 cm)

Approximate Net Weight:

51 lb (23.2 kg)

Speed:

approx. 15 char/sec.

Character Element:

10-pitch or 12-pitch

Character Set:

full ASCII, 86 characters, both upper and lowercase

Line Width:

156 characters (12-pitch)
132 characters (10-pitch)

Switches/lamp:

ON/OFF, SELECT, PITCH, TOP OF FORM,
LINE FEED, AUDIO ALARM, power on lamp,
select lamp, paper out lamp, ribbon out lamp,
cover open lamp.

Controls:

Audio Alarm	Shift Up
Backspace	Shift Down
TAB	Clear TAB
Line Feed	Set TAB
Vertical Tab	Underline
Top of Form	Delete
Carriage Return	

Paper Width:

15 1/2 in. (39.4 cm), maximum
Up to four copies plus original can be printed

Cable:

8 ft. (2.4 m) to controller board
8 ft. (2.4 m) to power source

BENEFITS

- Selectable character density in either 10 or 12 pitch format by simply replacing the character element and setting a switch.
- Both upper and lowercase characters plus special symbols and numerals are available to support a wide variety of applications.
- Fast printer output, especially for nonsequential column entries.
- CPU and printing operations can fully overlap to accelerate throughput.
- Documentation headings and key words can be highlighted as required.
- Standard Top of Form for 66 lines per page eliminates need for program line counting.
- Paper is advanced in single line increments for special forms applications.
- Forms, ribbon or character element can be changed or adjusted without loss of data in the print buffer.
- No special controller is required; interfaces directly to the PCS and WS. Standard Wang printer controller utilized on 2200 series and WCS computers.

SPECIFICATIONS (Cont.)

Controller:

Standard Line Printer/CPU interface

Power Requirements:

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

Fuses:

3.0A (SB) for 115 VAC
1.5A (SB) for 230 VAC

Operating Environment:

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

Duty Cycle:

Light-average actual printing time — 2 hours/day

Accessories:

Optional pin-feed platen. Platen has a horizontal pin-to-pin distance of 13 1/8 in. (33.3 cm) and a vertical pin-to-pin distance of 1/2 in. (1.3 cm) between pins.

ORDERING SPECIFICATIONS

A bidirectional printer providing complete alphanumeric printing capability to any Wang System 2200. It must print a full-line of up to 156 characters at a rate of 15 characters per second. It must be capable of typing a full ASCII character set with both upper and lowercase letters in either 10 pitch or 12 pitch format, and of formatting output under program control.

Standard Warranty Applies



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

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