PRODUCT DATA SHEET

2200

MODEL 2273 BAND PRINTER

The Model 2273 Band Printer is a medium-duty, microprocessor-controlled, solid character impact band printer which combines high-quality printed output with remarkable versatility and a number of operator convenience features. Two models of the band printer are available: the Model 2273-1, which provides nominal throughput of 250 lines per minute, and the Model 2273-2, which provides nominal throughput of 600 lines per minute.

One of the most significant features of the Model 2273 is the great versatility it affords the user in the selection of character sets and typestyles. The character set is contained on a rotating steel band which can be easily removed and replaced by the operator (typical time to change a band: about two minutes). Wang offers a complete library of bands in different print styles and character sets designed to meet both domestic and international requirements. Bands are inexpensive, enabling the user to build a library of character sets and typefaces that meet a wide range of printing requirements. Character sets containing 48-, 64- and 96-characters are available.

Additional versatility is provided in the printer's forms-handling and multiple-copy printing capabilities. Special forms printing can be controlled manually by the Forms Length Selector switch or by the Vertical Format Unit (VFU). The VFU is loaded under BASIC software control, or optionally from 12-channel paper tape. The VFU controls page length and provides rapid vertical tabbing under software control, making it simple to handle even the most difficult print jobs. The impact printing technique and excellent character registration of the Model 2273 enable it to produce clear output on multi-part forms consisting of as many as five copies plus the original.

To increase ease of operation, the Model 2273 provides a number of diagnostic and operator convenience features. The printer automatically performs a variety of error-checking diagnostics. Additionally, the operator may use the TEST switch to print test patterns, while the printer is off-line, for diagnostic purposes. In

- **Reliable, Microprocessor-Controlled, Solid Character Impact Band Printer**

- **Versatile Character Set and Typestyles**

- **Programmable Vertical Format Utility**

- **Control Panel Provides Diagnostic Capabilities**

- **Alphanumeric STATUS Display to Indicate Printer Errors**

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either case, any error detected by the printer is indicated on a digital STATUS display, from which the user can quickly determine if the problem is operator correctable. Other controls and indicators include a PHASE control knob which allows the operator to maintain an even print density among the characters, as well as POWER, ALARM/CLEAR, and ON/OFF LINE indicators, and PAPER STEP and TOP OF FORM buttons. The lines-per-inch switch (LINES) permits the user to select either six or eight lines per inch. The COPIES control knob is used to regulate printer impact intensity for multi-part forms.

The use of band printing technology provides performance and print quality comparable to many medium- or high-speed impact printers. Characters are sequenced on the band in a pattern designed to maximize print speed, and most commonly used characters are replicated on the band. A program, stored in the Model 2273, is used to tell the printer the exact location of each character on the band. Since character sequences vary between character set sizes, it is necessary that each band be used with the corresponding program. (Print rates vary among the character bands offered. This difference in print rates is a function of character pitch, the number of times the most frequently used characters are repeated on the band, and the character content of the lines to be printed.) The Model 2273 comes complete with printer stand and rear paper shelf.

SPECIFICATIONS

Printer Size
Height	14.9 in. (39.2 cm)
Width	30.3 in. (75.7 cm)
Depth	25.2 in. (63.0 cm)

Approximate Net Weight (Printer)
138 lb (62.4 kg)

Stand Size
Height	28.84 in. (74.3 cm)
Width	30.30 in. (78.2 cm)
Depth	25.20 in. (21.4 cm)

Approximate Net Weight (Stand)
32 lb (14.4 kg)

Speed
Model 2273-1	250 lines per minute (nominal)
Model 2273-2	600 lines per minute (nominal)

Paper Specifications
Standard fanfold margin punched paper
Width — 3 in. to 16 in. (7.62 cm to 40.6 cm)
Length — up to 12 in. (up to 30.48 cm) fixed form length.
Maximum Thickness — up to 0.02 in. (0.5 mm)

Weight
Single Copy —	15 lb minimum, 18 to 20 lb recommended
Multi-copy —	12 lb with 1 to 6 part forms

Buttons, Knobs, and Switches
PAPER STEP button, TOP OF FORM button, PHASE control knob, LINES per inch switch (6 or 8), TEST switch, COPIES control knob, and Forms Length Selector switch

Lamps
POWER on, ON/OFF LINE, ALARM/CLEAR, and STATUS indicator

Cabling
12 ft (3.66 m) cable with connector to CPU

Controller
Wang Line Printer Controller/CPU interface

Power Requirements
Domestic (USA)
115 VAC $\pm$ 10%
60 Hz $\pm$ 1 Hz
250 Watts (maximum)
International
115 or 230 VAC $\pm$ 10%
50 or 60 Hz $\pm$ 1 Hz
250 Watts (maximum)

Operating Environment
50° to 90° F (10° to 32° C)
20% to 80% relative humidity
35% to 65% recommended relative humidity

ORDERING SPECIFICATIONS

A high-speed, medium-duty, microprocessor-controlled, impact band printer which provides alpha-numeric printing capability for the Wang System 2200. The printer must have a nominal print rate of either 250 lines or 600 lines per minute, using a band printing technique. The bands must be operator-changeable. The printer must support bands with 48-, 64-, and 96-character ASCII character sets. The printer must contain the following buttons, knobs, switches and lamps: PAPER STEP, TOP OF FORM, PHASE control, LINES per inch, TEST, COPIES control, POWER on, ON/OFF LINE, ALARM/CLEAR, STATUS indicator, and Forms Length Selector. The printer must contain its own microprocessor (allowing simultaneous input/output), and must include a stand and paper shelf.

Standard Warranty Applies