

PRODUCT DATA SHEET

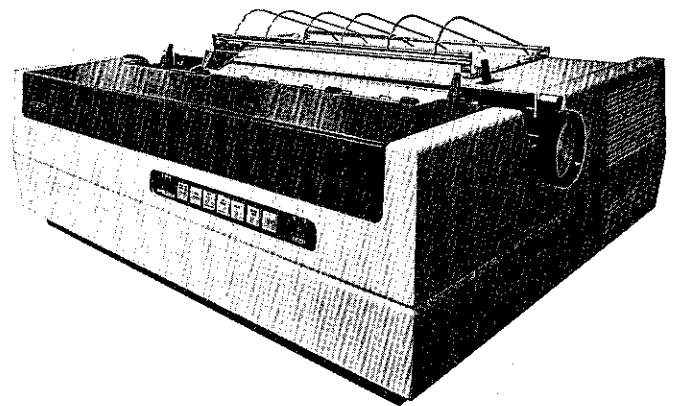
The Model 2281WC is a wide carriage, daisy character printer that functions both as an output writer and a digital plotter for the Wang 2200 Series product line. The Model 2281WC is specifically designed for quiet, cost-effective preparation of high quality documents and forms up to 20.50 in. (52.07 cm) in width. Because it is a bidirectional printer, the 2281WC can produce quality output at approximately 30 characters per second. For all printing, forms-filling, and plotting applications, the Model 2281WC can space, set left margins, set line-feed in non-standard typewriter increments, and move the character entry position to any location on a form, regardless of the position and length of previous fields.

The Model 2281WC prints in either 10-pitch format (up to 180 characters per line) or 12-pitch format (up to 216 characters per line). A full-line character buffer for overlapping Central Processing Unit (CPU) and printing operations is set to 216 characters when 12-pitch is selected, and to 180 characters when 10-pitch is selected. Plotting is generally controlled with the PLOT statement from the Wang BASIC or BASIC-2 languages. Plotting movements are performed in horizontal increments of 1/60 in. (0.0423 cm) and vertical increments of 1/48 in. (0.0529 cm).

2200

MODEL 2281WC PRINTER/PLOTTER

- **Reliable, Cost Effective, High-Quality Printer**
- **Versatile Printing, Forms-Filling, and Plotting Capabilities**
- **Switch-Selectable 10-Pitch or 12-Pitch**
- **Programmable Horizontal and Vertical Formatting**



1 2 3 4 5 6 7 8 9 0 - = ! @ # \$ % & * () _ +
Q W E R T Y U I O P [q w e r t y u i o p]
A S D F G H J K L : " a s d f g h j k l ; '
Z X C V B N M , . ? z x c v b n m , . /

WANG

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A special set of programmable forms-filling commands (hex codes) provides capability to position output on preprinted or fixed format forms that do not have standard line feed and carriage return spacing. Output may be positioned on a form to an accuracy of 1/60 in. (0.0423 cm) horizontally and 1/48 in. (0.0529 cm) vertically when referenced to a preset Home position. The left margin may be set at a position other than the default (power on) left margin. Line feed spacing may be set to other than the standard 1/6 in. (0.423 cm) increment per line.

Standard features of the Model 2281WC include a pitch select switch, print wheel/platen movement switches, set home position and return to home switches, ribbon cartridge, removable character wheel, and an error indicator lamp (paper out, ribbon out, cover open, and printer malfunction). Other features include TOP OF FORM and LINE FEED switches, and a SELECT switch to enable the printer to receive data from a 2200 Series CPU or to halt printer operations temporarily without causing loss of data in the data buffer.

The Model 2281WC is supplied with a friction-feed platen, although a pin-feed forms tractor and a bidirectional forms tractor are available options. An optional twin sheet feeder for the Model 2281WC is also available.

SPECIFICATIONS

Size
 Height 9.0 in. (22.9 cm)
 Depth 19.5 in. (49.5 cm)
 Width 28.8 in. (73.0 cm)

Weight
 92 lb (41.9 kg)

Plotting Increment
 Horizontal
 1/60 in. (0.0423 cm) per step
 Vertical
 1/48 in. (0.0529 cm) per step

Plotting Accuracy

Horizontal
 ± 1/60 in. plus 0.003 in./in.
 (±0.0423 cm plus 0.003 cm/cm)
 Vertical
 ± 1/48 in. plus 0.003 in./in.
 (±0.0529 cm plus 0.003 cm/cm)

Printing Speed

Approximately 30 cps, bidirectional

Character Configuration

10-pitch 180 characters per line
 12-pitch 216 characters per line
 6 lines/in. (2.4 lines/cm), standard. May be varied under program control in multiples of 1/48 in. per line.

Character Set

ASCII, 86 characters, both uppercase and lowercase

Switch/Indicators

ON/OFF, SELECT, PITCH, TOP OF FORM, LINE FEED (CR/LF), PRINT WHEEL/PLATEN MOVEMENT (↑, ↓, ←, →), HOME, SET HOME, and INCREMENTAL/CHARACTER SPACING switches; power-on lamp, select lamp, and error lamp (ribbon out, paper out, cover open, and malfunction)

Programmable Operations

Backspace, Tab, Line Feed, Vertical Tab (6 lines), Form Feed (66 lines), Set Line Feed Spacing (multiples of 1/48 in.), Plot, Carriage Return, Clear Tab, Set Tab, Underscore, Delete, Set Home, Move (relative to Home position), Move (relative to current position), Set Left Margin, Set Home (current position), Set Home (power on default), Reverse Index

Paper

Maximum width 20.50 in. (52.07 cm)
 Minimum width 3.50 in. (8.89 cm)
 Thickness 0.027 in. (0.069 cm)
 Maximum number five copies plus original

Ribbon

Black carbon ribbon cartridge (multistrike and singlestrike)

Optional Print Wheels

10-pitch	12-pitch
Prestige Pica	Prestige Elite
Courier 10	Courier 12
Delegate 10	Letter Gothic
Tile 10/12	Tile 10/12
	Elite 12

Cable

12 ft (3.7 m) cable to I/O controller board

Controller

Standard Wang Printer/CPU Interface (22C02, 22C11, 22C32)

Power Requirements

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

Fuses

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

Accessories

Optional pin-feed forms tractor
Optional bidirectional forms tractor
Optional twin sheet feeder

Operating Environment

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

ORDERING SPECIFICATIONS

A bidirectional wide carriage, plotting printer that provides digital plotting capability as well as fully formatted alphanumeric printing capability to the Wang 2200 Series product line. It must respond to programmable PRINT and PLOT commands and be able to move the character print position to any location on a form irrespective of the position and length of previously typed fields. An ASCII set of 86 characters (containing both uppercase and lowercase letters, numbers and symbols), in 10- or 12-pitch format must be available for printing documents and labeling plots at a rate of approximately 30 characters per second. All operations for printing, plotting, and form filling must be programmable and the printer must have a full-line buffer.

Standard Warranty Applies

International Representatives

American Samoa
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Chile
Columbia
Costa Rica
Cyprus
Denmark
Dominican Republic
Ecuador
Egypt
El Salvador
Finland
Ghana
Greece
Guam
Guatemala
Haiti
Honduras
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India
Indonesia
Ireland
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Jamaica
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Kuwait
Lebanon
Liberia
Malaysia
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Nigeria
Norway
Paraguay
Peru
Philippines
Portugal
Qatar
Saudi Arabia
Senegal
South Africa
Spain
Sri Lanka
Sudan
Syria
Thailand
Turkey
United Arab Emirates
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United States

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