

## DW-20 Series Daisy Printers

## Data Sheet

The DW-20 Series Daisy Printers are bidirectional daisy wheel printers that are designed for typing applications performed on Wang Word Processing Systems and Office Information Systems. The printers have fewer moving parts and adjustments, which contribute to their increased reliability and maintainability. They can print up to a 132-character line (10-pitch), a 158-character line (12-pitch), or a 13-inch line (proportionally spaced characters) at an average rate of 20 characters per second (cps). In addition, 198 characters per line (15-pitch) can be printed on Office Information Systems. The printers' operation is quiet, making them ideal for the office environment.

DW-20 Series printers are available in three models. Model DW/5-20 is used with the Wang Word Processing System 5; Model DW/WP-20 is used with Wang Word Processing Systems 20, 25, and 30; and Model DW/OS-20 is used with Wang Office Information Systems.

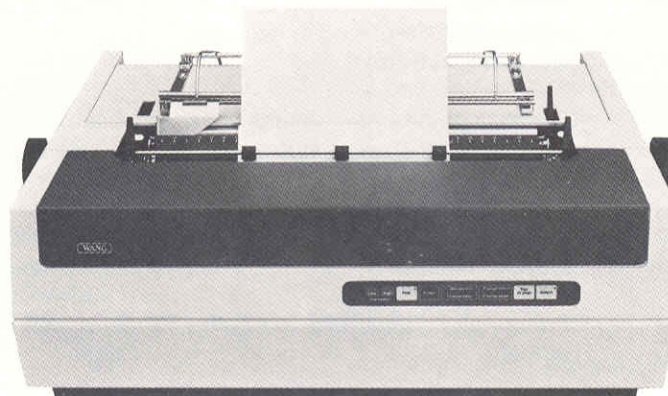
The printers produce typewriter-quality output and use interchangeable plastic or metal print wheels containing 96 characters. Additional characters can be generated by overstriking. Uppercase and lowercase letters, numerals, special characters, and symbols can be printed. Up to 6-part paper can be used with the printers. Standard features include a removable print wheel, for various pitch and type styles, a removable ribbon cartridge, a tone to alert an operator of printer activity,

and push-button controlled print intensity. Power, Malfunction, Change daisy, Change ribbon, and Change paper lamps, and Top of page, Test, Select, and Low and High impression buttons on the control panel facilitate printer operations.

The following format and printout options are available on the system's Print Document menu.

- Printing specific pages within a document
- Variable paper lengths
- The number of original printed copies desired
- Left margin specification
- Selectable pitch
- Justified or unjustified printout
- Type of paper (continuous or single sheets)
- Draft or final copy
- Printing of Document Summary
- Automatically deleting the document after printing

Because the DW-20 Series printers contain their own microprocessors, the operator can work on one document at the workstation while another is printing. This feature frees the operator from constant printer monitoring. The printers can be conveniently mounted on any desk or table top, and located up to 2,000.0 feet (609.6 meters) from the master unit; 50.0 feet (15.2 meters) for the WPS 5. Available options include a Twin Sheet Feeder for single sheets, Monodirectional and Bidirectional Forms Tractors, and an Envelope Feeder for standard business envelopes.



## FEATURES

Removable daisy wheel

Print Document menu

Full 96-character print wheels, metal or plastic

10-, 12-, or 15-pitch, or proportionally spaced format

Typewriter-quality print output

Top of page button

Copy-control lever

Impression Control switches

Removable cartridge ribbon

Deselection without loss of text

Quiet operation

Status lights

Test switch

## FUNCTIONS

User can easily select type style and pitch desired for any given project, or change type styles within a document.

Format and printout are specified by the operator through the workstation.

Uppercase and lowercase letters, numerals, symbols, plus characters created by overstriking are available.

Character density is selectable for 10-, 12-, and 15-pitch (OIS only), or proportional spacing by mounting the print wheel and making the appropriate selection in the Print Document menu.

Characters are highly readable.

Positions the paper to the top of the next page and also allows an uncompleted page to be reprinted.

Operator can vary distance between platen and print wheel to compensate for paper thickness.

Two print intensity positions are provided to accommodate single and multiple copy printing.

Snap-on carbon or fabric cartridge ribbon is easy to remove.

Paper, cartridge ribbon, or print wheel can be replaced or adjusted without loss of text.

Printer construction results in a noise level that does not exceed normal office requirements.

Printer status is constantly displayed.

Prints all characters on print wheel.

## BENEFITS

Versatile printing capability

Provides flexibility for different applications

A wide variety of applications supported

Obtain the output style desired

High quality final output

Convenient and easy to use

Various thicknesses of paper accommodated without sacrificing proper clarity or quality of the print image

Clarity and quality of the characters assured on single-part to 6-part paper

Provides fast, easy, and clean ribbon change

Retyping of information not necessary

Enables the printer to be placed in an office environment

Operators constantly aware of printer operations

Provides a quick check on printer operation

## SPECIFICATIONS

### Printer Size

Height	9.0 in. (22.9 cm)
Height (with Forms Tractor)	12.5 in. (31.7 cm)
Depth	19.5 in. (49.5 cm)
Width	25.0 in. (63.5 cm)

### Approximate Net Weight

43.0 lb (19.5 kg)

### Speed

20 characters per second average, bidirectional

### Pitch/Line Length

10-pitch	— 132 characters
12-pitch	— 158 characters
15-pitch	— 198 characters (OIS only)
Proportional spacing	— 13 in. (33 cm)

### Paper Specifications

Minimum Width	3.5 in. (8.9 cm)
Maximum Width	15 in. (38.1 cm)

### Paper Thickness

.027 in. (.069 cm) (five copies, plus original)

### Character Set

96 characters, plus additional characters created by overstriking

### Switches

Top of page, Select, Test, Low and High impression

### Indicators

Power, Malfunction, Change daisy, Test, Change ribbon, Change paper, Select, Low, High

### Ribbon Cartridges

Carbon or fabric

### Print Wheels

10-Pitch	12-Pitch
Canadian Courier	Canadian Elite
Courier	Courier
Delegate	Elite
Narrator	Fraction
OCR-A	Letter Gothic
OCR-B	Portuguese Prestige Elite
Pica	Prestige Elite
Prestige Pica	Scientific Gothic
Symbol	Symbol
Tile	Tile

### Proportional Spacing

Bold  
Cubic  
Madeleine

### 15-pitch (OIS only)

Cubic  
Detail  
Gothic

### Cabling

25.0 ft (7.6 m) — printer to CPU

### Power Requirements

115 or 230 VAC  $\pm$  10%  
50 or 60 Hz  $\pm$  1 Hz  
1.2 amps at 115V  
.6 amps at 230 V  
125 watts

### Operating Environment

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

### Available Options

Workstation table  
Additional cable lengths up to 2,000.0 ft. (609.6 m);  
50.0 ft. (15.2 m) maximum for WPS 5  
Twin Sheet Feeder  
Monodirectional Forms Tractor  
Bidirectional Forms Tractor  
Envelope Feeder (not for WPS 5)

## ORDERING SPECIFICATIONS

A final-copy printer providing alphanumeric printing capabilities for Wang Word Processing and Office Information Systems. Must print bidirectionally at an average rate of 20 characters per second, using an impact printing technique which can generate up to 5 carbon copies, plus the original. Must print 96 characters, plus additional overstrike characters, including uppercase and lowercase letters, numerals, special characters and symbols on lines up to 158 characters (12-pitch) in length. Must contain Power, Test, Top of page, Select, Low impression, High impression, and Test buttons, also Power, Test, Change daisy, Change ribbon, Change paper, Malfunction, Select, Low impression, and High impression indicators. Must support a daisy print wheel and accommodate paper up to 15.0 inches (38.1 cm) wide.

*Standard Warranty Applies*

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