

standard features

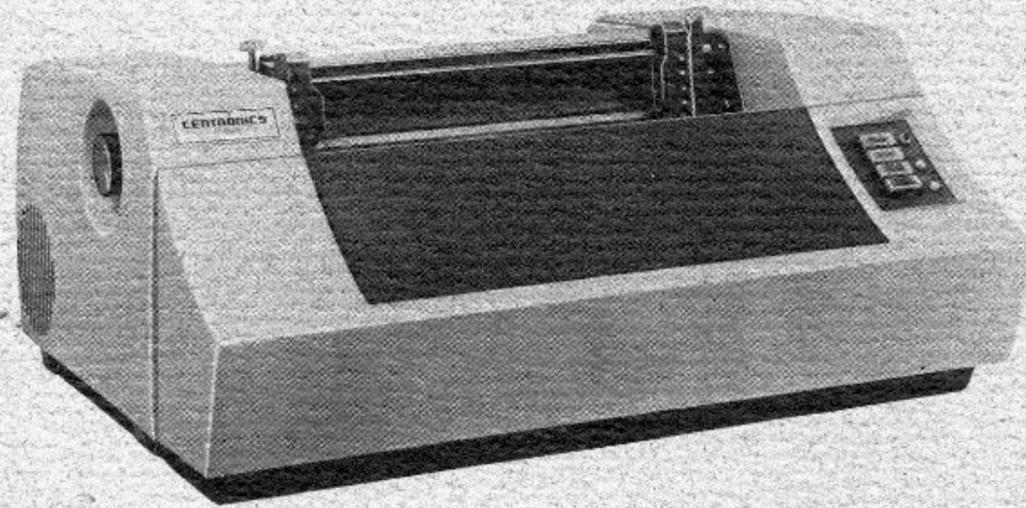
- 9 x 7 or 5 x 7 dot matrix
- Vertical format control
- Audio alarm
- Automatic motor control
- Form feed control (via paper tape loop)
- Elongated boldface characters (line-by-line)
- Paper runaway inhibit
- 4 inches/second slew rate
- Separate prime line and fault line to output connector
- Provision for additional character set
- Remote select/deselect
- Available with 50 or 60 Hertz, 115 or 230 Volts AC
- Parallel data input
- Automatic line feed disabled
- Prints original plus four copies
- Fixed vertical/horizontal registration

optional features

- Character sets of 64, 96 or 128 characters
- Elapsed time indicator
- Popular parallel and serial interfaces
- Bottom of form

optional accessories

- 100 series print stand
- Printer exerciser
- Tool kit
- Manual paper tape punch
- Forms receiving tray
- Special paint



The 102A is a high speed, serial, impact printer which uses a 9 x 7 dot matrix pattern for character generation. The fast 125 lpm speed of 132 characters/line is achieved with bi-directional printing. Two print heads, operating in unison, print a 132 character line with each head traveling only one-half the width of the paper. Both heads then print in reverse on the next line resulting in no carriage return. Capable of producing an original plus up to four clear carbon copies, most of the line being printed is visible at all times for immediate reading. The 102A contains an automatic motor control on/off feature which eliminates standby noise and utilizes unique timing characteristics to control printing and associated operations. The printer is automatically powered-up when data is received with no delay time required before printing is initiated.

Various character sets are available which permit flexibility of character formation unachievable by standard full character printers. Character sets can be increased up to 128 characters as an option. The standard mode produces a line of elongated boldface characters on command.

The 102A is a completely self-contained unit which includes the mechanical and electro-mechanical components, control logic, character pattern generator, single line buffer (132 characters) and power supply. The modular design of the electronics package permits utmost flexibility in interfacing, thus allowing full use of the printer for many different types of systems. Applications include high-speed hard copy output for terminals, time sharing systems, communications applications, mini and large scale computer outputs plus many others. All Centronics printers are plug-to-plug compatible.

specifications

Printing Method	Impact, character-by-character, one line at a time
Printing Rate — Characters — Lines	330 characters per second 125 lines per minute (132 characters)
Transmission Rate — Serial — Parallel	100 to 9600 baud (with Serial option) Up to 75,000 characters per second
Data Input	Parallel (Serial option available)
Character Structure	9 x 7 dot matrix — 10 point type equivalent
Code	USASCII — 64 characters printed, lower case characters recognized and printed as upper case equivalent
Indicator-Switch Controls	ON/OFF, SELECT, TOP OF FORM, FORMS OVERRIDE, LINE FEED
Indicator	PAPER OUT
Manual Controls	Form Thickness, Paper Advance Knob
Character Buffer	132 characters (1 line)
Format	132 characters maximum per line, 6 lines per inch
Paper Feed	Sprocket feed, adjustable from 4" to 14 ⁷ / ₈ " width
Paper	Standard sprocketed paper
Number of Copies	Original and up to four carbon copies
Dimensions	11 ¹ / ₂ " high, 20" deep, 27 ³ / ₄ " wide
Weight	118 pounds
Electrical Requirements	115 VAC ±10%, 60 Hz or 115/230 VAC ±10%, 50 Hz
Temperature — Operating — Storage	40° to 100°F —40° to 160°F
Humidity — Operating — Storage	5% to 90% (no condensation) 0% to 95%

Specifications subject to change without notice.
Covered by U.S. patents 3,516,068 and 3,690,431 and other U.S. patents and foreign patents pending.

Printed in U.S.A. 4/75
C-332-24

centronics data computer corp.

hudson, n.h. 03051
telephone (603) 883 0111
twx (710) 228-6505/telex 94-3404

eastern region: (617) 272-8545 (mass.) • central region: (513) 294-0070 (ohio) • western region: (714) 979-6650 (calif.) • centronics data computer (canada) ltd., mississauga, ontario (416) 625-0770 • centronics international corp., brussels, belgium (02) 762-3572 • centronics of puerto rico, inc., dorado, puerto rico (809) 796-1881

