

330 char/sec

132 char/line

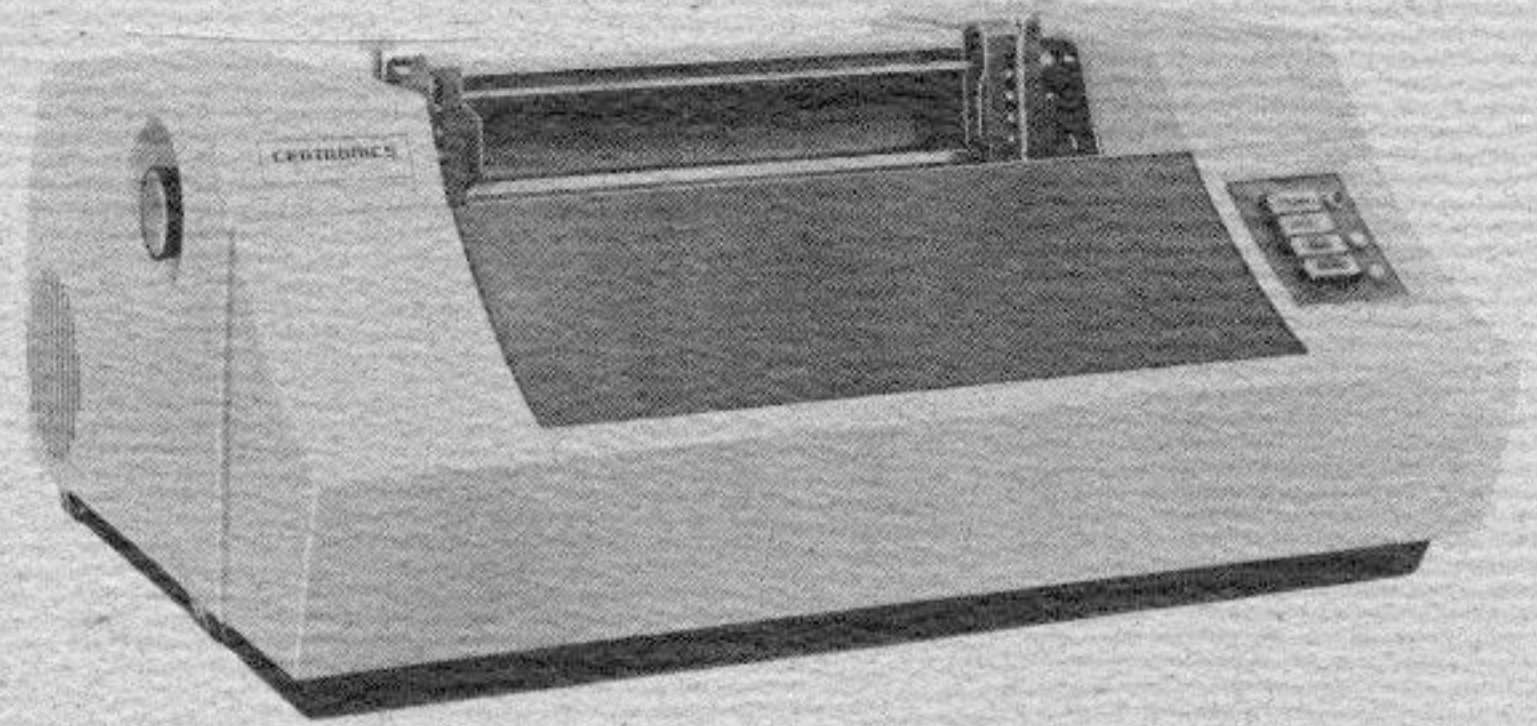
125 lines/min

standard features

- Vertical format control
- Audio alarm buzzer
- Automatic motor control (eliminates standby noise)
- Form feed control (via paper tape loop)
- Elongated boldface characters (line-by-line)
- Paper runaway inhibit (6 second time out)
- Gated strobe pulse (data input)
- 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 by jumper
- Coded character software
- Prints original plus four copies
- Fixed vertical/horizontal registration

optional features

- Expanded character sets (up to 128 characters)
- Foreign and other character sets
- Elapsed time indicator
- Serial communication interfaces
- Popular parallel computer interfaces



The 102AL is a high speed, impact printer which uses LSI (Large Scale Integration) electronics. The printer employs the dot matrix technique for generating characters in a 9 x 7 pattern. 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, the line being printed is visible at all times for immediate reading. The 102AL 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 102AL 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. Complex logic functions have been condensed into LSI electronics reflecting the latest state-of-the-art technology. The 102AL has one printed circuit card for all electronic logic as compared to four cards used in the 102A printer. In addition, the two individual power supply cards used in the 102A have been combined on one card for the 102AL. 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.

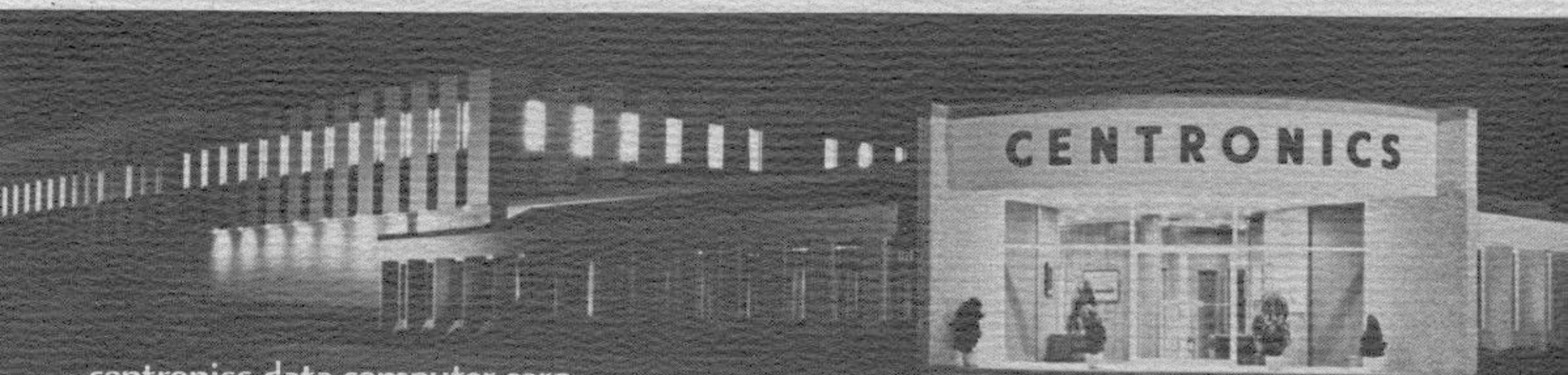
specifications

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|--|--|
| 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 | 11½" high, 20" deep, 27¾" wide |
| Weight | 118 pounds |
| Electrical Requirements | 115/230 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.

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C332-4

Covered by U.S. patents 3,516,068 and 3,690,431 and other U.S. patents and foreign patents pending.



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