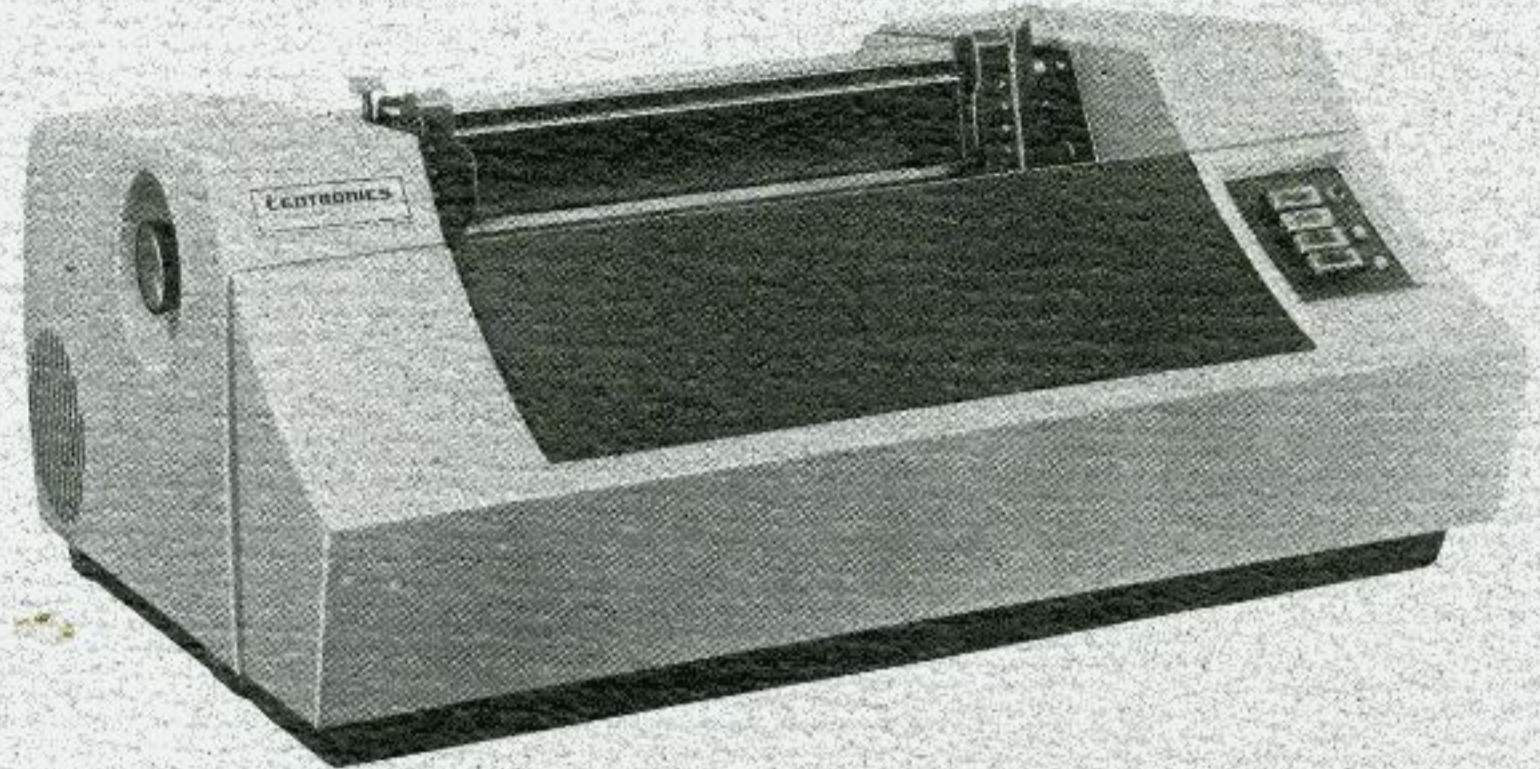## standard features

- Vertical format control
- Audio alarm
- Form feed control (via paper tape loop)
- Elongated boldface characters (line-by-line)
- Parallel data input
- 4 inches/second slew rate
- Prints original plus four copies
- Fixed vertical/horizontal registration
- Paper runaway inhibit
- 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
- Automatic line feed disabled
- 9 x 7 or 5 x 7 dot matrix

optional features

- Character sets of 64, 96 or 128 characters
- Popular parallel and serial interfaces
- Automatic motor control
- Selectable single character elongation
- Elapsed time indicator

optional accessories

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

The 101AL is a medium speed, serial, 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 101AL will produce an original plus up to four clear carbon copies and the last printed line is visible for immediate reading.

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. An optional capability of the 101AL is that it can elongate a single character.

The 101AL 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. All complex logic functions have been condensed into LSI (Large Scale Integration) electronics reflecting the latest state-of-the-art technology. The modular design of the electronics package on one printed circuit board permits utmost flexibility in interfacing, thus allowing full use of the printer in many different types of systems.

Applications include high-speed hard copy output for CRT terminals, time sharing systems, communications applications, mini/midi computer outputs, and many others. All Centronics printers are plug-to-plug compatible.
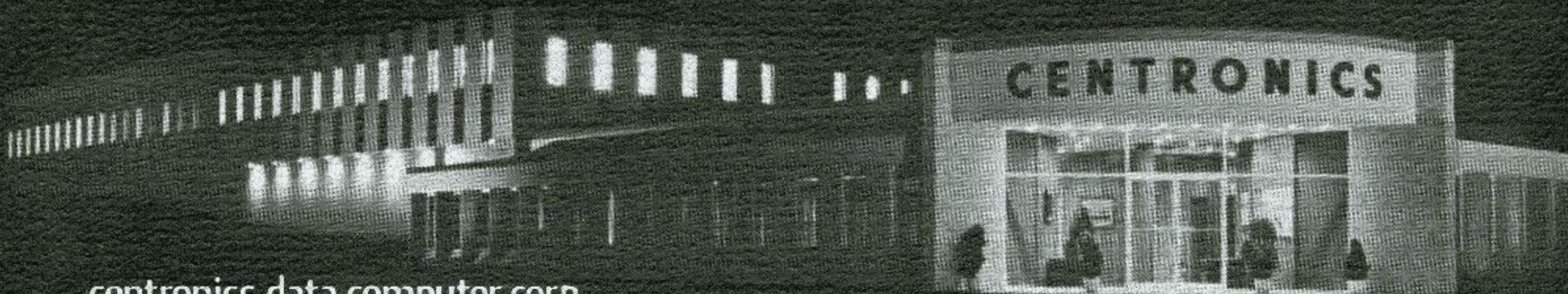
CENTRONICS

specifications

Printing Method	Impact, character-by-character, one line at a time
Printing Rate — Characters	165 characters per second
— Full Lines	60 lines per minute (132 character line)
— Short Lines	200 lines per minute (20-30 characters)
Transmission Rate — Serial	100 to 9600 baud (with Serial option)
— Parallel	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 14⅞″ 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 VAC ±10%, 60 Hz or 115/230 VAC ±10%, 50 Hz
Temperature — Operating	40° to 100° F
— Storage	−40° to 160° F
Humidity — Operating	5% to 90% (no condensation)
— Storage	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.

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