## standard features

| 101 | 101A | |
|-----|------|--|
| ● | ● | Vertical format control |
| ● | ● | Audio alarm |
| ● | ● | Elongated boldface characters (line-by-line) |
| ● | ● | Parallel data input |
| ● | ● | Prints original plus four copies |
| ● | ● | Fixed vertical/horizontal registration |
| | ● | 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 |
| | ● | 50 or 60 Hertz, 115 or 230 Volts AC |
| | ● | Automatic line feed disabled by jumper |

## optional features

| 101 | 101A | |
|-----|------|--|
| ● | ● | Foreign and other character sets |
| ● | ● | Serial communication interfaces |
| ● | ● | Popular parallel interfaces |
| ● | ● | Automatic motor control (eliminates standby noise) |
| ● | | 50 Hertz, 115 or 230 Volts AC |
| | ● | Selectable single character elongation |
| ● | ● | Elapsed time indicator |
| | ● | Expanded character sets (up to 128 characters) |
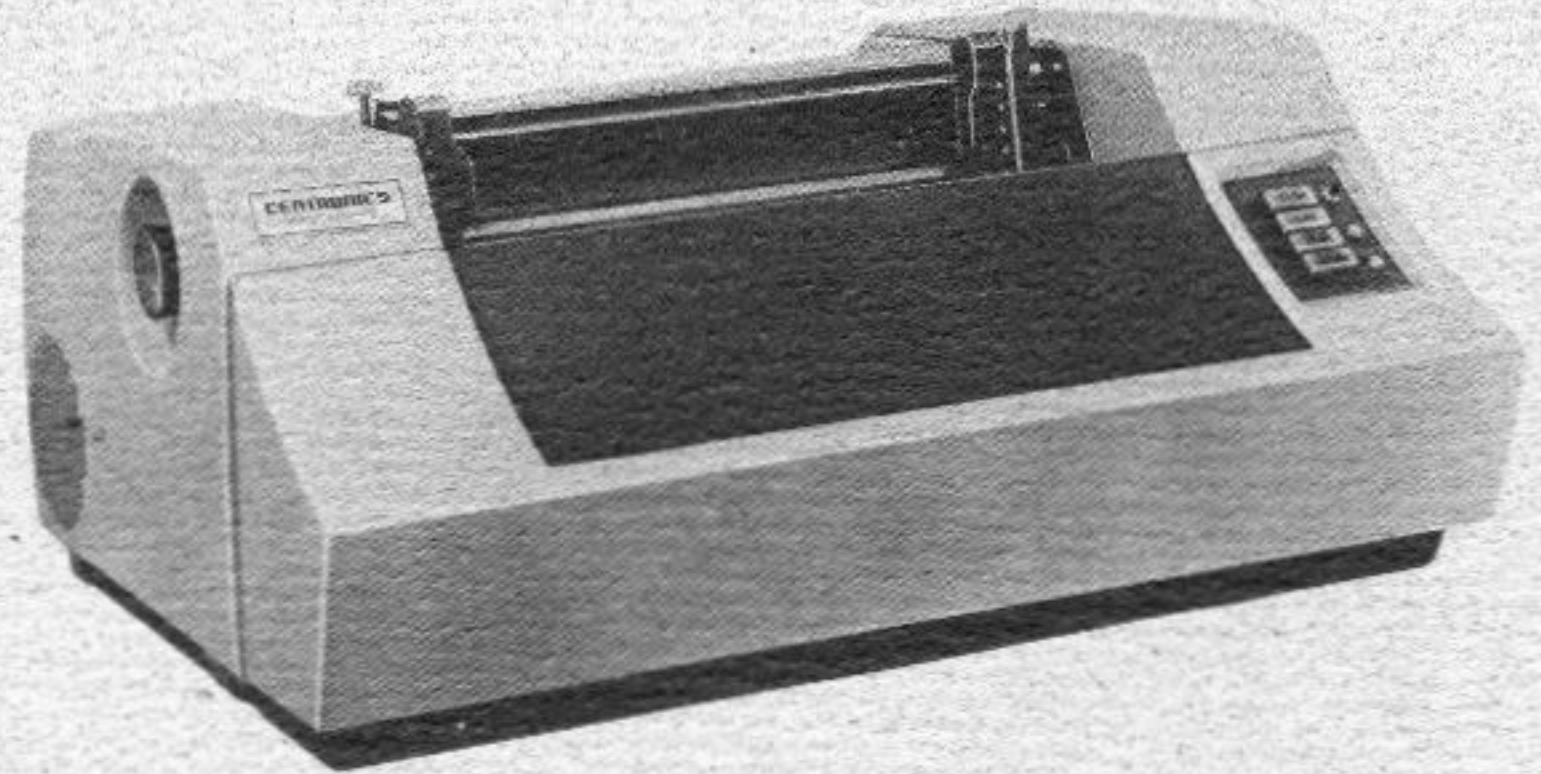
The 101 and 101A are medium speed, serial, impact printers which use dot matrix techniques for character generation. The 101 printer employs a 5 x 7 dot matrix while the 101A utilizes a 9 x 7 dot matrix pattern. Both printers will produce an original plus up to four clear carbon copies and the last printed 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 in the 101A as an option. The standard mode produces a line of elongated boldface characters on command. An optional capability of the 101A is that it can elongate a single character.
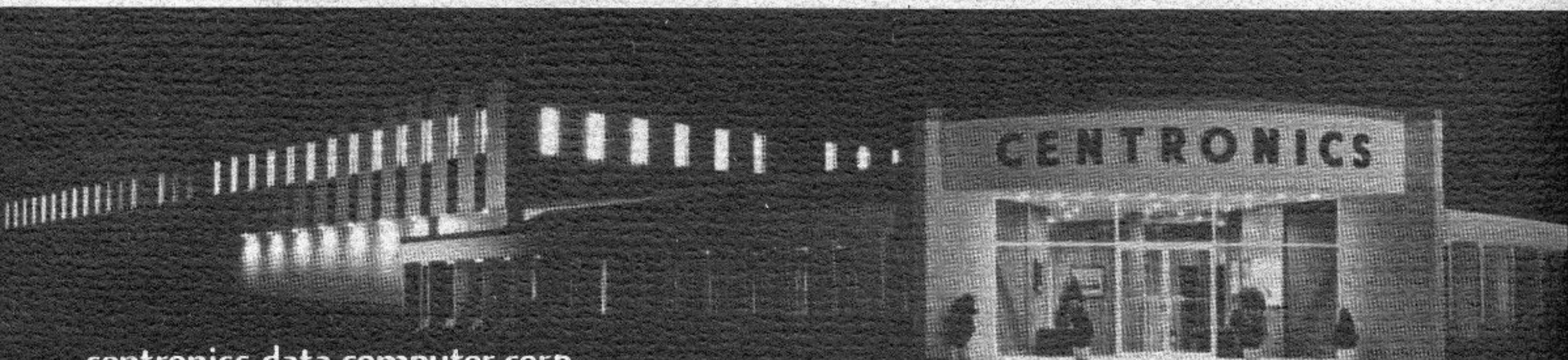
Each printer is a completely self-contained unit which includes the mechanical and electro-mechanical components, control logic, character pattern generator, single line buffer (132 characters) and power supply. The modular design of the electronics package permits utmost flexibility in interfacing, thus allowing full use of the printers in many different types of systems. Applications of the 101 and 101A printers include high-speed hard copy output for terminals, time sharing systems, communications applications, mini/midi computer outputs, and many others. All Centronics printers are plug-to-plug compatible.

CENTRONICS

## specifications

| | Model 101 | Model 101A |
|---|---|---|
| **Printing Method** | Impact, character-by-character, one line at a time | Same |
| **Printing Rate — Characters** | 165 characters per second | Same |
| **— Full Lines** | 60 lines per minute (132 character line) | Same |
| **— Short Lines** | 200 lines per minute (20-30 characters) | Same |
| **Transmission Rate — Serial** | 100 to 9600 baud (with Serial option) | Same |
| **— Parallel** | Up to 75,000 characters per second | Same |
| **Data Input** | Parallel (Serial option available) | Same |
| **Character Structure** | 5 x 7 dot matrix, 10-point type equivalent | 9 x 7 or 5 x 7 dot matrix, 10-point type equivalent |
| **Code** | USASCII — 64 characters printed | 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 | Same, plus LINE FEED |
| **Indicator** | PAPER OUT | Same |
| **Manual Controls** | Form Thickness, Paper Advance Knob | Same |
| **Character Buffer** | 132 characters (1 line) | Same |
| **Format** | 132 characters maximum per line, 6 lines per inch | Same |
| **Paper Feed** | Sprocket feed, adjustable from 4" to 14⅞" width | Same |
| **Paper** | Standard sprocketed paper | Same |
| **Number of Copies** | Original and up to four carbon copies | Same |
| **Dimensions** | 11½" high, 20" deep, 27¾" wide | Same |
| **Weight** | 118 pounds | Same |
| **Electrical Requirements** | 115 VAC ±10%, 60 Hz<br>115/230 VAC ±10%, 50 Hz (option) | 115 VAC ±10%, 60 Hz or 115/230 VAC ±10%, 50 Hz |
| **Temperature — Operating** | 40° to 100° F | Same |
| **— Storage** | −40° to 160° F | |
| **Humidity — Operating** | 5% to 90% (no condensation) | Same |
| **— 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.

# centronics data computer corp.