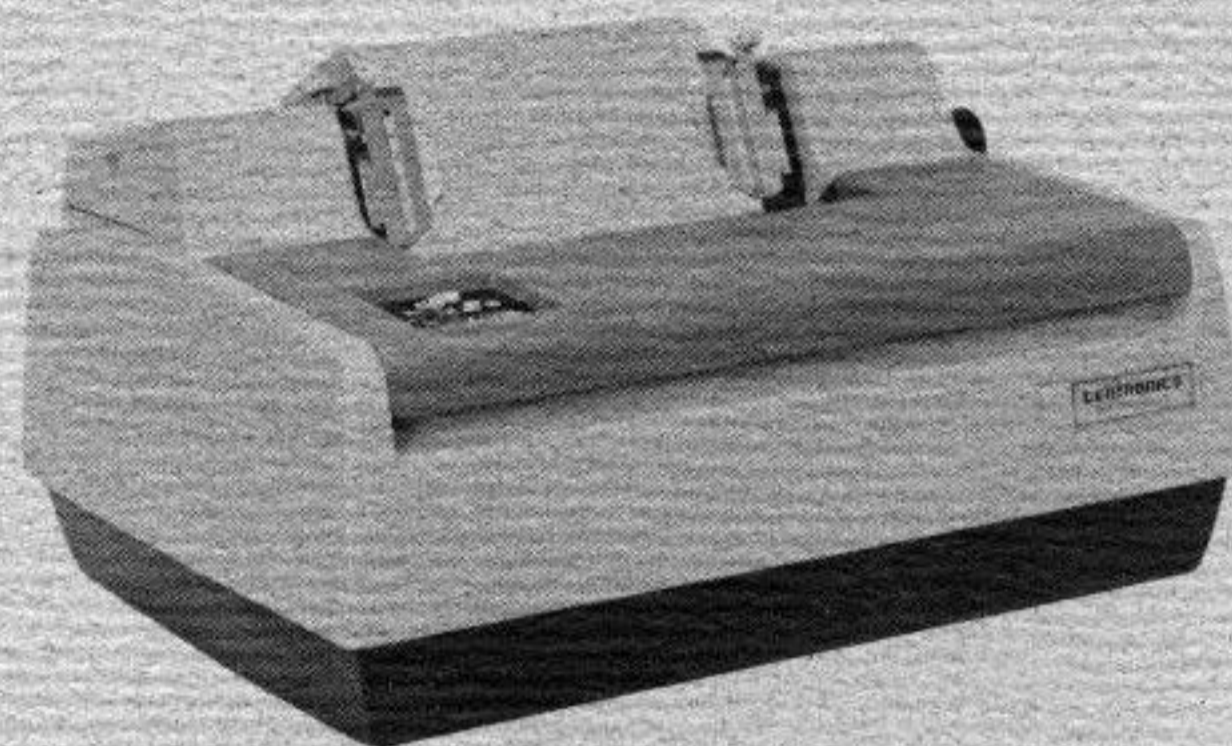


## standard features

- Parallel data input
- Elongated boldface characters (line-by-line)
- Paper runaway inhibit (10 second time out)
- Lower case prints as upper case
- Automatic line feed on carriage return
- Gated strobe pulse (data input)
- 115 Volts, 60 Hertz
- Prints original plus four copies
- Coded character software
- Fixed vertical/horizontal registration
- Low noise level

## optional features

- Vertical format control
- Automatic motor control
- Foreign and other character sets
- 9 x 7 dot matrix character sets
- Expanded character sets (up to 128 characters)
- Audio alarm buzzer
- 50 Hertz, 230 Volts AC
- Line feed switch
- Non-gated strobe
- Automatic line feed disabled
- Selectable single character elongation
- Automatic carriage return on line feed, vertical tab and form feed
- Serial communication interfaces
- Popular parallel computer interfaces



The 306 is a low cost 100 character per second 5 x 7 dot matrix, serial, impact printer that establishes a new price/performance standard. A wide range of options allows the printer to be styled for specific application requirements. Capable of producing an original plus up to four clear carbon copies, the 306 can operate with the paper supply located to the rear or below the printer.

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 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 (80 characters) and power supply. The 306 offers long uninterrupted operation and excellent reliability due to the use of many field proven modules from 100 series printers. The modular design of the electronics package permits utmost flexibility in interfacing, thus allowing full use of the printer in many different types of systems. Applications for the 306 printer 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.

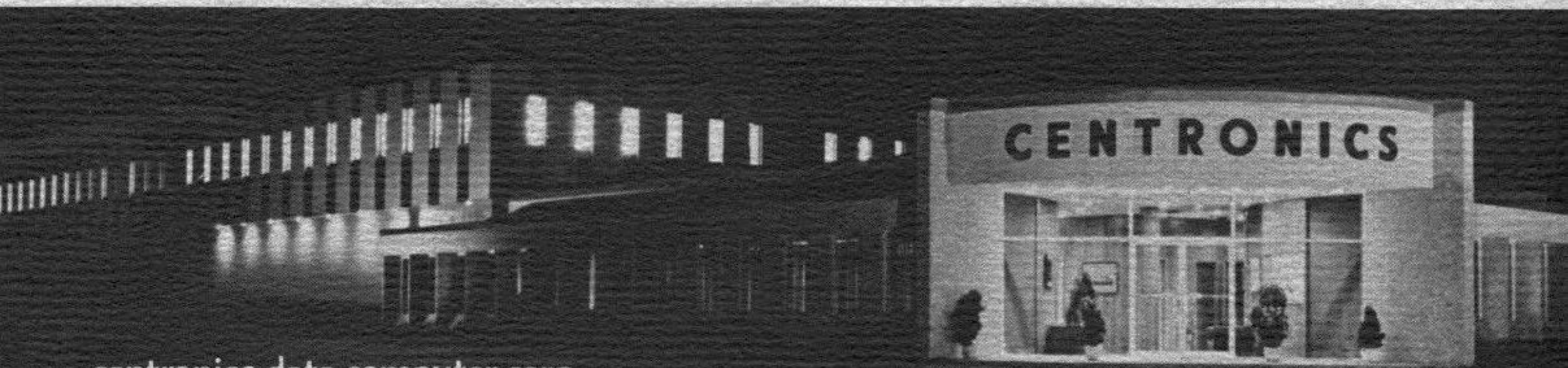
## specifications

<b>Printing Method</b>	Impact, character-by-character, one line at a time
<b>Printing Rate</b> — Characters	100 characters per second
— Full Lines	60 lines per minute (80 character line)
— Short Lines	150 lines per minute (20-30 characters)
<b>Transmission Rate</b> — Serial	100 to 9600 baud (with Serial option)
— Parallel	Up to 75,000 characters per second
<b>Data Input</b>	Parallel (Serial option available)
<b>Character Structure</b>	5 x 7 dot matrix, 10-point type equivalent 9 x 7 dot matrix, 10-point type equivalent (option)
<b>Code</b>	USASCII — 64 characters printed
<b>Indicator-Switch Controls</b>	ON/OFF, SELECT, FORMS OVERRIDE. Option: LINE FEED, TOP OF FORM
<b>Indicators</b>	PAPER OUT, SELECT
<b>Manual Controls</b>	Form Thickness, Paper Advance Knob
<b>Character Buffer</b>	80 characters (1 line)
<b>Format</b>	80 characters maximum per line, 6 lines per inch
<b>Paper Feed</b>	Sprocket feed, adjustable to 9 <sup>1</sup> / <sub>2</sub> " width
<b>Paper</b>	Standard sprocketed paper
<b>Number of Copies</b>	Original and up to four carbon copies
<b>Dimensions</b>	12 <sup>3</sup> / <sub>4</sub> " high, 18 <sup>3</sup> / <sub>4</sub> " deep, 23 <sup>1</sup> / <sub>4</sub> " wide
<b>Weight</b>	66 pounds
<b>Electrical Requirements</b>	115 VAC ±10%, 60 Hz. 115/230 VAC ±10%, 50 Hz (option)
<b>Temperature</b> — Operating	40° to 100°F
— Storage	—40° to 160°F
<b>Humidity</b> — 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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