- 60 characters per second (13-90 lpm)
- 132 column format
- Elongated character feature
- Interfaces with most major micro and minicomputer systems
- Centronics' nationwide sales & service

700

700 Series
Dot Matrix Printer

The Centronics Model 700 dot matrix printer is designed for applications that require low throughput (13 to 90 lines per minute) of hard copy output. Its ideal applications include: CRT output, instrument data logging, standa-lone business systems, off-line selective print-ing, and other areas where high throughput is not required.

This model features a tractor feed and can handle plain paper, fan fold roll paper, or pre-printed forms. Its 5 x 7 dot matrix characters are clear, readable, and reproducible even at 132 characters per line maximum density. (It has a continuously variable operator-controlled print-ing density of 80 to 132 cpl).

Model 700 also has an operator-controllable horizontal and vertical forms positioning feature for filling out intricate pre-printed forms. A forms thickness control enables the unit to be adjusted to handle multiple copies, and a forms override switch allows printing to continue even after "paper empty" is detected. The cartridge is an enclosed continuous ribbon.

In addition, many electronic options are available at extra cost to tailor the Model 700 to meet special operating requirements.

STANDARD FEATURES

- 60 characters/second
- 132 characters/line
- 13 to 90 lpm
- 5.5 ips slew rate
- 5 x 7 dot matrix
- LSI electronics
- 10 cpi horizontal/6 lpi vertical
- Tractor paper feed
- Paper out indicator
- Auto motor control
- Ribbon cartridge
- Column scale & tear bar
- Elongated characters by line

RIBBON SYSTEMS

Continuous ribbon 9/16" (14mm) wide, 20 yards (18.3 meters) long
Mobius loop allows printing on upper and lower portion on alternate passes

PANEL INDICATORS

Power ON: Indicates AC power is applied to printer
Select: Indicates printer can receive data
Alert: Indicates operator-correctable error condition

OPERATOR CONTROLS

Power ON/OFF
Select/Deselect
Forms thickness
Horizontal forms positioning
Vertical forms positioning

DATA INPUT

7 or 8 bit ASCII parallel, TTL levels with strobe, acknowledge pulse indicates that data was received

ELECTRICAL REQUIREMENTS

60 Hz; 115VAC, +10%/−15% of Nominal
50 Hz; 230VAC, +10%/−15% of Nominal

PHYSICAL DIMENSIONS

Weight: 60 lbs (27Kg)
Width: 24.5" (622mm)
Height: 8" (203mm)
Depth: 19.5" (495mm)

TEMPERATURE

Operating: 40° to 100°F (4.4° to 37.7°C)
Storage: −35° to 130°F (−37.2° to 54.4°C)

HUMIDITY

Operating: 20% to 90% (No Condensation)
Storage: 5% to 95% (No Condensation)

OPERATOR SWITCHES AND INDICATORS

Forms Override Switch: Allows printing to continue after paper empty is detected.
Manual Line Feed Switch: Advances paper one line when depressed.
Audio Alarm: Audible tone which is activated by software command or paper empty.
Condensed Print: Provides operator selection of hori-zontal character pitch at either 10 or 16.5 cpi.

ELECTRONIC OPTIONS

Non-grated Data Strobe: Allows printer to accept data before the previous character is acknowledged.
Auto CR on Paper Motion Command: Generates auto-matic carriage return upon receipt of LF, VT, FF causing the line of data to be printed.
Inhibit Prime on Select: Prevents buffer and logic from being reset when printer is selected.
Inhibit Delete: Prevents delete code (octal 177) from resetting printer and allows delete code to be used as a pad character.
Inverted Data Strobe: The negative-going data strobe pulse is inverted.
Auto Line Feed Enable: Allows printer to automatically perform a line feed upon receipt of CR.

CENTRONICS® PRINTERS