OPTIONAL HIGH-SPEED LINE PRINTERS
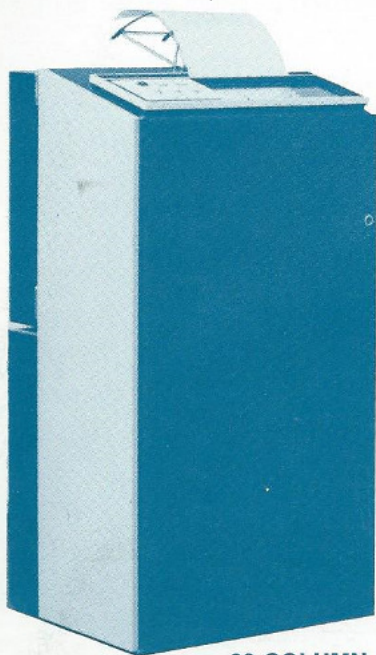
80-COLUMN MODEL
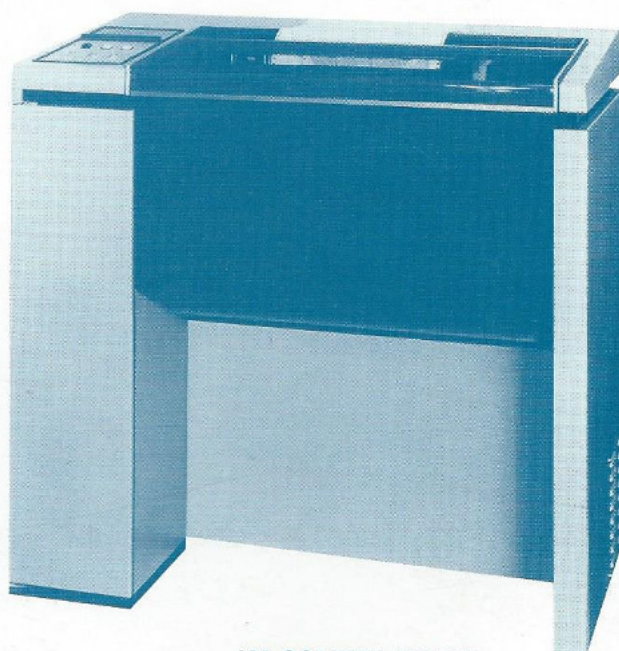
132-COLUMN MODEL

FEATURES

- Speed capability from 245 to 1110 lines per minute
- 80 or 132 columns
- 64 character set
- Prints up to six part forms

The high-speed line printer (two models available) prints a maximum of 356 full lines per minute for the 80-column printer, or 245 full lines per minute for the 132-column printer. If only the first 20 columns are printed, maximum printer speed is 1110 lines per minute for both models. The printer is an impact type using a revolving character drum and a hammer per column. Up to six-part forms may be used for multiple copies. Adjustable pinfeed tractors allow fanfold paper from 4 inches to 14-7/8 inches in width.

OPERATION

80-Column Model—Characters are loaded into the printer memory via the Line Printer Buffer serially by character. Characters are automatically printed when the memory becomes full (20 characters). This is repeated for the next set of twenty hammers and so on until a full 80-column line has been printed or a special character is recognized. The special characters (non-printing) are Carriage Return, Line Feed, and Form Feed.

132-Column Model—The operation is similar to that of the 80-column model except that the printer memory contains 22 characters and there are 132 print hammers.

CONTROL INDICATORS

POWER Indicator—Lights when AC power is applied to the printer.

READY Indicator—Lights when printer is on, interlocks are satisfied, and paper is loaded.

ON-LINE Indicator—Lights when printer is in On-Line mode of operation.

TOP-OF-FORM Switch—Advances paper to TOP-OF-FORM position; disabled in ON-LINE mode.

PAPER STEP Switch—Advances paper one line; disabled in ON-LINE mode.

ON-LINE/OFF-LINE Switch—Selects mode of operation for printer.

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SPECIFICATIONS:

Printable Characters:
  Character Set—64
  Type—Open Gothic print
  Size—0.065 inches high and 0.065 inches wide.
  Characters—64-character set: A to Z, 0-9 •!"#$%&()*
  +,_./:;<>=?@[]-^\ space
  Code Format—ASCII
  Characters per line—80 or 132
  Character Drum—1760 rpm

Print Rate:
  80-column Model—
      356 Lines/minute, columns 1-80
      460 Lines/minute, columns 1-60
      650 Lines/minute, columns 1-40
      1110 Lines/minute, columns 1-20
  132-column Model—
      245 Lines/minute, columns 1-132
      290 Lines/minute, columns 1-110
      356 Lines/minute, columns 1-88
      460 Lines/minute, columns 1-66
      650 Lines/minute, columns 1-44
      1110 Lines/minute, columns 1-22

Paper Feed—One pair of pin-feed tractors for 1/2 inch hole center, edge-punched paper. Adjustable for any paper width from 4 inches to 9-7/8 inches on the 80-column model, or a maximum width of 14-7/8 inches for the 132-column model.

Paper Slew Speed—13 inches per second

Print Area—8 or 13.2 inches wide, left justified

Character Spacing (horizontal)—0.100 ($\pm$0.005) inches between centers; maximum possible accumulative error for nominal spacing is 0.010 inches per character line

Line Spacing—0.167 ($\pm$0.010) inches (6 lines per inch); each character within $\pm$0.10 inches from mean line through character

Line Advance Time—20 milliseconds (maximum)

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