Introduction

The IBM 1445 Printer provides the System/360 Model 30, 1240, 1401, 1440, and 1460 systems with an inline, high-speed, magnetic-ink-character (MICR) printer. This enables system users to print the American Banking Association (A. B. A.) approved E-13B type font in magnetic ink. In one pass through the printer, the A. B. A. characters and the conventional alphanumeric characters can be printed on the same document. The printer can use the standard ½" ribbon if only the conventional alphanumeric characters are to be printed.

Carriage Control

- A tape-controlled carriage moves the continuous forms through the printer.
- The stored program controls the carriage-skip and linespace operations.
- The carriage automatically single-linenspaces after each print operation if no carriage operation is specified by the program.
- The operator can single-space, restore, or stop the carriage manually.

Printing Speeds

- The IBM 1445 operates at a maximum rated speed of 190 lines per minute when the 56-character bar is installed.
- Speeds for other character sets (special features) are:
  - 42-character bar (alphanemic) 240 LPM
  - 14-character bar (standard numeric) 525 LPM

Printer Control

- Printing is under the control of the system's stored program.
- The IBM 1445 printing instructions are similar to those of the IBM 1443, Models 1 and 2.

Printer Highlights

- Interchangeable typebars increase printing flexibility.
- Both E-13B and conventional characters are printed eight characters to the inch, with a print span of 113 positions (14 inches between center lines of the extreme print positions).
- Vertical spacing can be adjusted manually for either six or eight lines to the inch.
- Two ribbon feeds are standard, but only one ribbon can be on the machine at a time. The operator installs either magnetic or conventional ribbon, depending on printing requirements.
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