

2056 Matrix Printer

The Memorex® 2056 Matrix Printer is an advanced replacement for the IBM 5256 on the System/34 and System/38. It offers many features only found on other printers at extra cost, if available at all. The Memorex 2056 Matrix Printer offers increased speed, improved print quality, and enhanced paper handling flexibility.

More Thruput

The print speed of the Memorex 2056 is 200 characters per second. Combined with a printhead advance of 60 inches per second and a paper slew rate of 20 inches per second, the total speed of the 2056 represents a major upgrade in printer thruput for the System/34 and System/38. And yet the Memorex 2056 is priced less than the slower 120 CPS model from the CPU's original manufacturer.

Improved Print Quality

All Memorex peripherals utilize the latest technology to bring users enhanced performance—and the 2056 is no exception. It features a 9-pin printhead in a 7 x 9 matrix (rather than the 7 x 8 matrix used by the original manufacturer). A straight-wire design eliminates the need for curved wires and jeweled guides. This approach to printhead engineering assures the highest level of print quality, even when using up to 9-part forms.

A choice of two print compressions, 10 and 16.5 characters per inch, enables the operator to select the horizontal spacing that is best for each print run.

Underlining is accomplished without the descenders running into other characters when using lower case and special characters. The graphic set consists of 96 printable characters.

Paper Handling Flexibility

The Memorex 2056 Matrix Printer can accommodate forms from 2" to 16½" in width. Exact paper positioning is provided by a horizontal and vertical vernier adjustment. In addition, varying thicknesses of forms are handled by a special levelling adjustment.

To facilitate ease of operation, the 2056 offers bottom and rear loading of paper. Paper-sensing alarms include low-paper and paper-out status monitoring.

Operator-Designed Features

The 2056 features a control panel that has been engineered for operator convenience. Other highlights include an adjustable alarm source level.

Unlike other matrix printers, the 2056 offers a pedestal mounting as standard. The low-noise enclosure meets the ISO NR-60 acoustic noise standard.

Low Maintenance

In addition to enhancing print quality, the straight-wire matrix printhead also contributes to the low maintenance requirements of the 2056. The elimination of curved wires and jeweled guides reduces heat and overall wear on the print mechanism. Free floating wires are not affixed to clappers or hammers in the solenoid.

Fewer moving parts mean longer, trouble-free operation. And after 100 million or more characters later, when the printhead may need replacement, the job can easily be done by the operator. This same ease of maintenance also holds true for the long-life ribbon cartridge, which snaps out for simple replacement or re-inking.



MEMOREX

MRX 2056 Matrix Printer for the System/34 and System/38

Applications

System 34 All Models
System 38 All Models

Features

Print Speed	200 characters per second
Paper Slew	Bidirectional
Printhead Advance	20 inches per second
Printhead	60 inches per second
Compression of Horizontal Spacing	Straight-wire printhead design produces characters by a 7 x 9 matrix dot pattern versus 7 x 8 by IBM. No curved wires or jeweled guides to create heat or wear out quickly.
Mounting	Choice of two print compressions: 10 and 16.5 characters per inch.
Underlining	Pedestal mounting is standard. Can be accomplished without the descenders running into other characters when using lower case and special characters.
Paper Sensing	Adjustable-level alarm alerts operator to out-of-paper and paper jam conditions.

Specifications

Forms	Accepts up to 9-part forms
Forms Width	2 to 16.5 inches
Forms Loading	Bottom and Rear
Forms Adjust	Horizontal and Vertical vernier
Vertical Spacing	6 or 8 lines per inch
Character Font	96-character graphics set
Ribbon	Stationary easy-change cartridge
Dimensions	Height: 28 inches (71.1 cm) Width: 21.6 inches (54.8 cm) Depth: 10.7 inches (27.1 cm)
Weight	75 lbs

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