

MEMOREX

MRX 2089 Line Printer

2089 Line Printer

The Memorex® 2089 Line Printer is a cost-effective, plug-compatible alternative to the IBM 3284, 3286, and 3288. The Memorex 2089 Line Printer produces hard copy output on continuous fan-fold paper at speeds up to 410 lines per minute, using an EBCDIC or ASCII character set containing 48, 64, or 96 characters.

The Memorex 2089 Line Printer may be attached to the Memorex 1371 and 1372 or the IBM 3271, 3272, and 3791 controllers, and the 3274 type "B" interface. Configuration guidelines for attachment of the Memorex 2089 are identical to those of the equivalent IBM printer. Features of the Memorex 2089 Line Printer include fully formed characters for increased legibility, selectable print speeds and character sets, adjustable forms feed tractors, quiet operation, a ribbon reinking system and internal diagnostic capability. Additional features are available for expanding vertical forms control capability, adding an adjustable audible alarm, and providing for eight lines per inch print capability.

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Highlights

Printer capability of ten characters per inch, up to 132 characters per line, at six or eight lines per inch vertical spacing.

Ability to handle pin feed, continuous forms from 4½ inches (10.48 cm) to 15 inches (38.1 cm) in width.

Vertical forms control with an expansion capability to accept page lengths from 2½ inches (6.35 cm) to 22 inches (55.88 cm).

Internal diagnostics which verify that the 2089 is fully functional and operational, via a test switch on the operator control panel.

An optional adjustable audible alarm which signals abnormal condition and which may be activated under program control from the CPU.

Optional line lengths of 120 or 126 characters which are switch-selectable, in addition to the standard line length of 132. This eliminates possible software changes required by IBM when upgrading from 3284/3286-type printers to a 3287 printer.

Buffer sizes of 480 and 1920 characters are available.



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Applications

IBM System/3

Any system utilizing Memorex or IBM communication hardware and software.

Features

Audible Alarm

The alarm provides an audible operator signal to indicate an out-of-forms or paper jam condition. The alarm may also be activated under program control from the CPU.

Vertical Forms Belt Set

Provides a set of ten color coded belts to support forms from 6.35 cm (2.5 inches) to 55.88 cm (22 inches). This feature supplements the standard vertical forms belt supplied with the basic 2089 line printer.

Print Belts

Print belts are available in 48, 64, and 96 character sets for both ASCII and EBCDIC codes. Type slugs may be individually replaced when worn. International character sets are also available.

Eight Lines Per Inch Spacing

Provides the capability to print with a vertical line spacing of eight lines per inch. Standard vertical spacing is six lines per inch.

Forms Stand

Provides for stacking after printing of fan-fold, continuous forms at rear of printer above floor level.

Specifications

Print Mechanism

Line printer using flexible print belt with individually replaceable type slugs, producing fully formed characters on a 132 character print line.

Character Set

EBCDIC and ASCII sets are available in 48, 64, and 96 character configurations. Attaches via coaxial interface to IBM 3271 Models 1, 2, 11, and 12; 3272 Models 1 and 2; 3274 Models 1A, 2A, and 3A; with Type B adapter. Also attaches to System/3 via the appropriate integrated adapter.

System Interface

Height: 11.8 cm (44 inches)
Width: 68.6 cm (27 inches)

Depth: 54.5 cm (23 inches)
127 kg (280 lbs)

10-43°C (50-110°F)

10%-90% Relative Humidity

203 kcal/hr (805 BTU/hr)

115 VAC ± 10%, 60 Hz

.235 KVA

Physical Dimensions

Weight

Operating Environment

Heat Dissipation

Power

Print Speed

CHAR- ACTERS	MODEL 1*			MODEL 2**			MODEL 3			MODEL 4		
	PER LINE	CHARACTER SET:	LPM WITH									
	48	64	96	48	64	96	48	64	96	48	64	96
20	355	315	250	410	320	250	410	315	265	415	320	265
30	340	225	225	325	310	245	405	310	245	410	315	245
40	175	175	175	245	245	225	315	300	235	410	300	235
50	145	145	145	200	200	200	285	285	230	410	290	225
70	105	105	105	135	135	135	225	225	225	400	285	225
90	80	80	80	115	115	115	175	175	175	390	285	225
132	60	60	60	75	75	75	120	120	120	270	265	225

*MODEL 1 AVAILABLE ON 60 MONTH LEASE OR PURCHASE ONLY.

**MODEL 2 AVAILABLE ON 48 AND 60 MONTH LEASE OR PURCHASE ONLY.

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