

# Serial Matrix Printers

## GENICOM 3870



*Load two different continuous forms and switch between them. Load two identical continuous forms and run longer print jobs unattended.*

### Like Two Printers In One.

- Patented, dual paper handling system with auto-switching paper paths.
- Two sets of 6-pin push tractors for rear and front/bottom paper feeding.

### High-Performance, Multipurpose Printing.

- Blazing speeds up to 900 cps.
- Shared-resource and network printing.
- Heavy-duty printing applications.
- Recommended workload: up to 35,000 pages per month.
- GENICOM's legendary reliability.

### Features That Make Tough Jobs Easier.

- Automatic forms thickness sensing and adjustment for up to 7-part forms.
- Zero-inch tear-off, automatic paper park, automatic top of form, and paper motion sensor.
- Automatic interface switching between serial and parallel.
- Control panel lockout feature to prevent unwanted changes in print jobs.

### Typical Applications

- Shared-resource or network environments
- Multipart forms, bar codes, labels
- Warehouse, purchase orders
- Healthcare and retail

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### Printing

Technology: Serial impact dot matrix

Print Head: 18-pin

Speeds (cps):

	12 cpi	10 cpi	16.7 cpi
DP	900	750	750
LQ	240	200	200

Fonts: Gothic, Courier, Wide Gothic, Gothic Italic, Courier Italic, Micro-Gothic, OCR-A, OCR-B

Bar Codes: Interleaved 2 of 5, Bidirectional 2 of 5, Matrix 2 of 5, Industrial 2 of 5, Code 3 of 9, EAN-2, EAN-5, EAN-8, EAN-13, Code 11, Code BCD, Codabar a/t, Codabar b/n, Codabar c/\*, Codabar d/e, UPC-A, UPC-E, UPC-2, UPC-5, Code 93, Code 128 (A-B-C), MSI, POSTNET

Character Sets: DEC® VT100 Line Draw; IBM® Set I, II, and All Character Set; 18 international character set substitution; IBM Code Page – 437, 850, 852, 863; ISO 8859-1, -2, -3, -4, -9; Roman 8; Mazowia (Poland)

Print Modes: Proportional, compressed, shadow, double strike, underline, expanded (2 to 8 times), superscript, subscript, oversize (2 to 187 times)

Head Slew: 75 ips maximum

LF Interval: 35 msec at 6 lpi

Character Spacing: 10, 12, 13, 15, 16.7, 17.1, and 20 cpi, plus program selectable

Line Spacing: 3, 4, 6, and 8 lpi, plus n/144 in. program selectable

Print Line: 13.6 in.

Dot Graphic (dpi): 60 to 400H x 72 to 144V (emulation dependent); supports DEC Sixel Graphics

### Print Control

Margins: Left and right any position

Horizontal Tabs: 32\*

Vertical Tabs: 12\*

Print Position: Absolute and relative

HxV head position\*

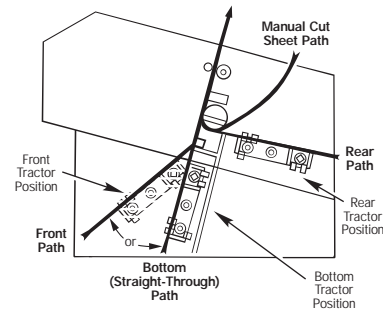
Formats: 4 user-defined forms

Auto-Perf Skip: Selectable auto-perf skip

\*Emulation dependent

### Flexible Paper Handling

	Front/Rear/ Bottom Feed	Manual Feed	Forms Thickness Adjust
3870DA	Yes	Yes	Auto



Paper Handling: Paper parking, auto top of form, zero-inch tear-off, paper out sensor, auto forms thickness adjustment, and paper motion sensor

Paper Drive: 6-pin push tractors

Paper Dimensions: Continuous forms 3" to 16" W x 22" L maximum; single document insertion 3.5" to 17" W x 5" to 17" L with minimum W to L ratio of .45

Number of Copies: Original plus 6 in front/bottom path; original plus 5 in rear paper path

Max. Forms Thickness: 0.025 in.

Paper Slew: 5/15 ips

### Emulations

ANSI X3.64, GENICOM 3410, Epson® FX286e, IBM Proprinter III XL, IBM-GP, DEC LA210

### Interfaces and Connectivity

CENTRONICS® parallel – 36-pin Amphenol; speed: 30Kbytes/sec

EIA/TIA-232 (RS-232) serial – 25-pin type DB female; speeds: 110, 300, 600, 1200, 2400, 4800, 9600, 19200 baud

Auto interface switching between serial and parallel interfaces

Input Buffer: 64K

Options: RS-422, IBM Coax/Twinax, TCP/IP, Novell

### Physical

Size (HxWxD): 12.1 x 26.9 x 13.9 in. (296 x 683 x 353 mm)

Weight: 52 lbs (23.6 kg)

Shipping Weight: 63 lbs (28.5 kg)

Acoustics: <60 dBA

### Operating Environment

Voltage: 115 or 230 ±15% externally selectable; 50 or 60 Hz ±2 Hz

Power Input:

Standby: 35 watts (120 BTU/Hr)

Printing: 130 watts (433 BTU/Hr)

Temperature: 50° to 104° F (10° to 40° C)

Humidity: 20% to 90% relative

### Reliability

MTBF: 10,000 hours @ 25% duty cycle

Workload: Up to 35,000 pages per month

MTTR: 30 min. by a qualified technician

Ribbon Life: 15 million draft characters

### Ribbon

Type: Cartridge, clean hands, nylon fabric

Life: 15 million draft characters

### Warranty

1 year return to depot

### Accessories and Upgrades

Pedestal

Paper catch tray

Paper basket

Output paper rack

Cutter

RS-422 interface

GeniLinks supporting IBM coax/twinax,

TCP/IP, Novell®, Token Ring, and

EtherTalk

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