

## FormsMaster 8000 Series

Superior Forms Printing Technology



FormsMaster 8000 Series printers utilize the latest technology from Printek, offering the ultimate in reliability and control over your critical printing applications at print speeds up to 800 cps. Operation is office quiet. All configuration parameters may be accessed remotely, putting you in total control of the printer. FormsMaster 8000 Series printers will improve your on-time performance and customer service levels.

### Print Speed

800 cps in Fast Draft mode, 600 cps in Draft mode. Throughput of 400 lines per minute printing 80 characters per line.

### Tractor System

FormsMaster 8000 has single set of straight-up tractors; FormsMaster 8003 has Tri-Trak system with three sets of straight-through tractors.

### Quiet Operation

Noise level is only 55 dBA when used with FormsMaster printstand. Perfect for office use.

### Problem-Free Forms Handling

Straight-up paper path eliminates forms buckling and jamming. Paper jam sensor allows reliable, unattended operation.

### Waste-Free Forms Tear-Off

Automatic positioning of forms for tear-off saves time, money and material.

### Automatic Printhead Adjustment

FormsMaster printers automatically adjust for any form thickness, up to six parts.

### Easy Setup

FormsMaster printers can be configured through the front panel, downloading or optional plug-in modules. The front panel has 2 x 16 LCD display. Unique parameters for up to 10 different forms can be stored and recalled at any time. User-friendly form names may be displayed on the front panel (i.e., "Invoice," "Packing List," etc.).

### Fault Recovery

Print jobs may be recovered in the event of a fault condition with page reprint feature.

### Flexible Connectivity

Auto port switching between parallel and serial interfaces. IBM coax and twinax, IPDS and Ethernet interfaces available. Popular printer emulations are standard.



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# FormsMaster 8000 Series



## Other Features

FormsMaster printers automatically track ribbon wear and display a message to the user to change ribbon. Horizontal and vertical print positions may be finely adjusted from front panel. FormsMaster 8003 has continuous mode which will automatically load paper if paper out condition occurs.



An optional printstand features a paper guide which helps steer long reports into the rear catch basket.



The 8003's unique Tri-Trak paper handling system keeps three forms loaded at all times.

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## Specifications

### Print Modes

	8000/8003
Fast Draft	800 cps
Draft	600 cps
Fast Draft/High Impact	400 cps
High Impact	300 cps
Letter Quality	150 cps
Optical Quality	100 cps
Graphics*	28,800 dps

### Character Matrix

**Fast Draft:** 9 x 9 cell  
**Draft:** 12 x 9 cell  
**Letter Quality:** 24 x 18 cell  
**Optical Quality:** 36 x 18 cell

### Printhead

18 wire parallel array.

### Character Sets

Fast Draft, Draft and Letter Quality for Epson and IBM Proprinter. Optical Quality for OCR-A and OCR-B.

### Character Spacing

5, 6, 6.7, 7.5, 8.4, 8.6, 10, 12, 13.3, 15, 16.7, 17.1 and 20 cpi.

### Line Length

13.6 inches (34.5 cm).

### Line Spacing

6 and 8 lpi. Also software programmable.

### Paper Handling

**Tear Bar:** Auto-Scroll allows zero tear-off distance.  
**Auto-Gap:** Adjusts printhead to form thickness.  
**Paper Type:** Fanfold, continuous forms, edge punched, 15 lb. minimum weight for single-part paper.  
**Sensing:** Paper motion, paper edge and paper out.

### Continuous Mode

Automatically loads paper from another tractor if paper out condition occurs (Model 8003 only).

### Special Features

Horizontal print fine adjustment. Ability to name forms (i.e. "Invoice") for operator display.

### Operator Controls

**Normal Operating Mode:** Online, Form Feed/Load, Form Select/Unload and Vertical Print Adjustment.

### Form Parameters

Non-volatile memory for ten forms, each supporting settings for: tractor path, cpi, lpi, form length, left and right margins, top and bottom margins, unidirectional printing, slashed or non-slashed zero, language, font, high-impact on/off, form name.

### Operator Indicators

LEDs for Online and Setup; 2 x 16 LCD for form selection; on/off line status and error descriptions.

### Ribbon

**Cartridge:** nylon fabric, mobius loop, 23 million characters.

### Power Requirements

**Voltage:** 120 VAC  $\pm$ 10%

**Frequency:** 60 Hz

**Power Consumption:** 60W non-printing, 225W printing. Optional 240 VAC, 50 Hz power supply also available.

### Paper Slew Rate

16 ips.

### Paper Width

2.5" to 15" (6.4 cm to 38.1 cm).

### Paper Loading

Straight path, bottom loading.

### Multi-part Forms

1 to 6 parts; 0.025" max. thickness.

### Graphics Density\*

60 to 240 dpi horizontally x 72 dpi vertically.

### Audible Noise (Draft Mode)

55 dBA.

### Setup (Automatic Methods)

Control panel, pluggable cloning module or remote via Windows program.

### I/O Buffer

32k.

### Standard Interfaces

**Parallel:** Centronics compatible.  
**Serial:** RS232, 100 to 19,200 baud.  
Automatic I/O switching.

### Optional Interfaces

Twinax, Coax, IPDS and Ethernet.

### Software Controls

Emulation choice of Printek, Epson FX, IBM Proprinter, DEC LA120/210, Genicom ANSI or Basic Bar Codes (Includes Code 39, 2 of 5, Interleaved 2 of 5).

### Physical Specifications

**H x W x D:** 11.8" x 26.25" x 20.5"  
(30 cm x 66 cm x 52 cm)

**Weight:** 63 lbs. (28 kg)

### Reliability

**MTBF:** 10,000 hours on electronics with no duty cycle limitations.

**Printhead Life:** 500 million draft equivalent characters.

**Warranty:** One-year printer warranty, two-year limited printhead warranty when Printek brand ribbons are used; one-year warranty when non-Printek brand ribbons are used.

\*May be emulation dependent.

