

## FormsPro 4000 Series

Set It and Forget It Forms Printing



FormsPro 4000 Series printers can solve your toughest printing problems and automate most paper handling functions. With the FormsPro 4300, 4500 or 4503, you'll print with greater legibility and unsurpassed reliability. The FormsPro 4000 Series printers include:

### Tractor System

The FormsPro 4300 and 4500 have a single set of straight-up tractors. The FormsPro 4503 has the Tri-Trak system with three sets of straight-through tractors.

### High-Speed for High-Volume Printing

With a draft speed up to 530 cps, FormsPro printers can print a typical 1,000 character document in less than five seconds. That's over 700 documents per hour!

### Waste-Free Forms Tear-Off

After you tear off a form, the next is automatically positioned for printing.

### Superior Legibility — Even on 9-Part Forms

Auto-Gap feature adjusts the print-head according to form thickness.

### Trouble-Free Forms Handling

Easy-Load tilt-up top simplifies loading. Straight-up paper path eliminates forms buckling and jamming. Paper jam sensor permits reliable, unattended operation.

### Automatic Page Edge Sensor

Optical sensor prevents printhead from printing beyond the edges of the loaded form.

### Stores Parameters for Up to 10 Forms

Spacing, margins, font and 11 other parameters are set using four front panel buttons. Options are displayed on a 16-character LCD. Once you've set the parameters for a form, they can be stored and recalled at any time.

### Ruggedly Built for Reliable Operation

FormsPro printers are designed to withstand 100% duty cycles. The printhead carries a two-year limited warranty when used in combination with a Printek brand ribbon — longer than any printhead in the industry. A one year warranty is offered if a Printek brand ribbon is not used.



Call today for a no-obligation demonstration 1.888.211.3400

# FormsPro 4000 Series



## Other Features

Options and accessories include: 240 VAC, 50 Hz power supply, IBM twinax, coax and IPDS interfaces, Ether-Link interface, FormsCutter, printstand, and Imager and ImagerPlus bar code support.



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



The 4503's unique Tri-Trak paper handling system keeps three forms loaded at all times.

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## Specifications

Print Modes	4500/4503	4300
Fast Draft	530 cps	300 cps
Draft	400 cps	225 cps
Fast Draft/High Impact	265 cps	150 cps
High Impact	200 cps	110 cps
Letter Quality	100 cps	55 cps
Optical Quality	65 cps	38 cps
Graphics*	15,360 dps	8,640 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.

## 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.

## Operator Indicators

LEDs for Power, Online and Fault; 1 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

12 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 9 parts; 0.025" max. thickness.

## Graphics Density\*

60 to 240 dpi horizontally x 72 dpi vertically.

## Audible Noise (Draft Mode)

62 dBA.

## Setup (Automatic Methods)

Printer-to-printer or setup unit.

## I/O Buffer

4k, expandable to 28k.

## Standard Interfaces

Parallel: Centronics compatible.  
 Serial: RS232, 300 to 19,200 baud.

## Optional Interfaces

Twinax, Coax, IPDS and Ethernet.

## Software Controls

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

## Physical Specifications

H x W x D: 9.5" x 25" x 20.3"  
 (24 cm x 63.5 cm x 51.5 cm)

Weight: 53 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.

