

# FormsPro 4600 Series

## Set it and Forget it

### Forms Printing!



*FormsPro 4600 Series printers solve your toughest printing problems and automate most paper handling functions.*

#### Tractor System

The FormsPro 4600 has a single set of straight-up tractors. The FormsPro 4603 has the Tri-Trak system with three sets of straight-through tractors.

#### Trouble-Free Forms Handling

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

#### 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!

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

Auto-Gap feature adjusts the printhead according to form thickness.

#### Waste-Free Forms Tear-Off

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

#### 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 2 x 16 LCD display. 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.



# Detailed Printer Specifications

## Dot Matrix Printer FormsPro 4600 Series



### Other Features

Options and accessories include: Coax/Twinax, TN5250, Ethernet and Wireless 802.11b/g interfaces, IPDS-Ethernet, print stand, and ImagerPlus bar code support.



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



The 4603's unique Tri-Trak paper handling system keeps three forms loaded at all times.

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### Print Modes

|                        | 4600/4603  |
|------------------------|------------|
| Fast Draft             | 530 cps    |
| Draft                  | 400 cps    |
| Fast Draft/High Impact | 265 cps    |
| High Impact            | 200 cps    |
| Letter Quality         | 100 cps    |
| Optical Quality        | 65 cps     |
| Graphics*              | 15,360 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 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; 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.

### Paper Slew Rate

12 ips, with slower rates user-selectable for difficult forms.

### 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)

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

### I/O Buffer

128k.

### Standard Interfaces

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

### Optional Interfaces

Coax/Twinax, IPDS-Ethernet, TN5250, Ethernet and Wireless 802.11b/g.

### Software Controls

Emulation choice of Printek, Epson FX, IBM Proprinter, DEC LA120/LA210, Genicom ANSI or Basic Bar Codes (Includes Code 39, 2 of 5, Interleaved 2 of 5. More available through Genicom emulation).

### 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: 43 lbs. (19.5 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 print-head warranty when Printek brand ribbons are used; one-year warranty when non-Printek brand ribbons are used.

\*May be emulation dependent.