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.

FormsPro 4600 Series

Set it and Forget It Forms Printing

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

Set It and Forget It Forms Printing

With the FormsPro 4600 or 4603, you'll print with greater legibility and unsurpassed reliability. The FormsPro 4600 Series printers include:

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.

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www.printek.com

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.

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 ±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 printhead warranty when Printek brand ribbons are used; one-year warranty when non-Printek brand ribbons are used.

May be emulation dependent.

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