PrintMaster **850** Series

The PrintMaster 850 Series printer is a narrow format dot matrix printer expressly designed for heavy workloads. Flexible paper feeding from the rear or bottom makes the printer ideal for applications where space is at a premium. The printer's high speed, reliable performance and durable construction significantly improve the productivity of narrow format printing applications. Some of the PrintMaster 850's key features include:

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Print Speed and Paper Slew Rate
The PrintMaster 850 Series has a fast draft of 530 cps and regular draft speed of 400 cps with a paper slew rate up to 12 ips that provides exceptional throughput.

Tractor System
A rear-feed single tractor is standard. The Model 852si has a bottom-feed tractor, giving you added printing options. A metal pedestal is also available from Printek for effective use of both tractors.

Demand Tear-Off
All forms are automatically positioned for easy tear-off, thereby saving you time, money and material on all your print jobs.

Fault Recovery
Print jobs can be easily recovered in the event of a fault condition with the PrintMaster 850 Series page reprint feature.

Flexible Connectivity
Serial and parallel ports, along with popular emulations and bar codes, are all standard. An optional internal Ethernet interface with unique forms management features is also available.

Easy Setup
Printer configurations can be selected directly through the front panel, remotely through our Remote Printer Setup Software package, or through an optional plug-in module. Parameters for up to 10 form profiles can be stored and recalled at any time.

Continuous Mode
Paper is automatically loaded from another tractor if a paper out condition occurs. This feature is only available in Model 852si.

Ruggedly Built for Reliable Operation
The PrintMaster 850 Series printers will meet peak printing requirements up to 10,000 pages per month. The printhead carries a two-year limited warranty when Genuine Printek brand ribbons are used. The printer's metal construction helps make it very durable and capable of operating reliably in difficult environments.

PRINTEK

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Other Features

Options and accessories that are available for the PrintMaster 850 Series include: internal Ethernet Kit for network forms printing, a metal pedestal for optimizing the use of both tractors when printing, and a setup module for easy configuration of multiple printers.

This compact printstand enhances operation of the dual tractor feature and provides a straight-through paper path for the second tractor. The printstand has room for two full boxes of paper, one for each tractor, and a catch basket for finished documents.

The 852si's Dual-Trak paper handling system keeps two forms loaded at all times.

Specifications

Print Modes

	850/850si/852si
Fast Draft	530 cps
Draft	400 cps
Fast Draft/High Impact	250 cps
High Impact	200 cps
Letter Quality	100 cps
Optical Quality	65 cps
Graphics	5,000 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.

Printhead Adjustment

Automatic gap adjustment is standard.

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

85 characters at 10 cpi. Also software programmable.

Line Spacing

6 and 8 lpi.

Paper Handling

Zero Tear-Off distance; paper out/paper jam detection; fanfold, continuous forms, edge punched.

Continuous Mode

Automatically loads paper from another tractor if paper out condition occurs. (Model 852si only).

Operator Controls

Normal Operating Mode: Online, Form Feed/Load and Form Select/Unload.

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.

Operating Indicators

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

Ribbon

Cartridge: nylon fabric, mobius loop, approximately 15 million characters.

Power Requirements

Voltage: 100 to 250 VAC ±10%
Frequency: 50 to 60 Hz
Power Consumption: 18W non-printing, 60W printing.

Paper Slew Rate

Model 850/850si: 6 ips rear feed.
Model 852si: Up to 12 ips bottom feed.

Paper Width

2.5" to 9.75" (6.4 cm to 24.8 cm).

Paper Loading

Model 850/850si: Rear feed.
Model 852si: Rear feed and straight-through bottom feed.

Multi-Part Forms

Model 850: 1 to 5 parts; 0.025" max. thickness.
Model 850si/852si: 1 to 9 parts; 0.025" max. thickness.

Graphics Density

60 to 240 dpi horizontally x 72 dpi vertically.

Audible Noise (Draft Mode)

60 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, 300 to 9,600 baud.
Optional Interface: Ethernet.

Software Controls

Emulation choice of Printek, Epson FX, IBM Proprinter, DEC LA120/210, Genicom ANSI (includes 20 popular bar codes) or Basic Bar Codes (includes Code 39, 2 of 5, Interleaved 2 of 5).

Physical Specifications

H x W x D: 7" x 18.5" x 17"
(17.8 cm x 47.0 cm x 43.2 cm)
Second tractor on Model 852si adds 3.5" (8.9 cm) to height.

Weight: 32 lbs. (16.9 kg)
Second tractor on Model 852si adds 10 lbs. (5.3 kg) to the weight.

Reliability

MTBF: Model 850: 10,000 hours on electronics, with 50% duty cycle.

Model 850si/852si: 10,000 hours on electronics, with 100% duty cycle.

Printhead Life: 500 million 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.

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