











High Performance Industrial Thermal Solutions



M84Pro Series Printers

The *Pro* Series high performance industrial printers are ideal for a range of applications, including:

-  PCB Labeling
-  Component Marking
-  Ticketing
-  Retail Labeling
-  Compliance Labeling
-  Shipping/Receiving
-  Asset Tracking
-  WMS

User Configurable High Print Resolution

The *Pro* Series offers superior print quality at 203, 305 and 609 dpi. Simply by changing only the printhead, the M84*Pro* can be converted in seconds to any of the three available print resolutions.

High Speed & High Performance

The M84*Pro* uses the latest technology to offer maximum performance and eliminate wait time. Combination of high performance RISC CPU, and print speed of up to 10 inches per second allows for generation of the most complex formats with no time wasted.

Heavy Duty Metal Construction

The *Pro* Series proven rugged all-metal design makes this printer ideal for heavy-duty use in the harshest environments. The metal enclosure provides full protection of the print mechanism and media in any mission-critical application.

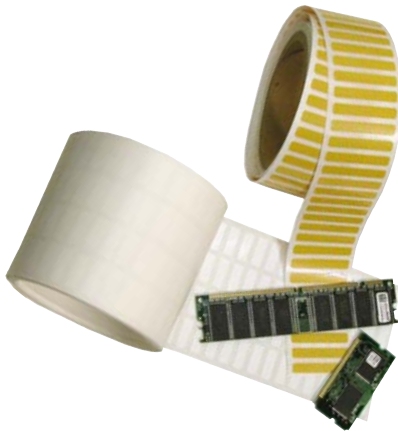
Performs best with
Techno
T H E R M
M • E • D • I • A



	M84Pro(2)	M84Pro(3)	M84Pro(6)
Printing Method	Thermal Transfer/Direct Thermal		
Print Resolution	203 dpi (8 dpmm)	305 dpi (12 dpmm)	609 dpi (24 dpmm)
Print Speed	10 ips (254 mm/s)	8 ips (200 mm/s)	6 ips (150 mm/s)
Media Width	Max. 5" (128 mm) / Min. 0.87" (22 mm)		
Max. Print Width	4.1" (104 mm)		
Min. Print Length	0.24" (6 mm) - continuous/0.63" (16 mm) - tear off/1.18" (30 mm) - cutter/dispenser		
Max. Print Length	49.2" (1249 mm)	32.8" (833 mm)	14" (356 mm)
Max. Ribbon Size	4.4" (111mm) W x 1475 ft. (450 m) L - Face-In		
Dimensions	10.4" W x 17.1" D x 13.4" H (265 mm W x 435 mm D x 341 mm H)		
Weight	39.7 lbs (18 kg)		

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Memory:

16 MB Standard RAM
2 MB Standard Flash
16 MB PCMCIA - Optional
6 MB Optional Flash - Total

Processor:

32-BIT RISC/133 MHz

Media:

Roll-fed or fan-fold, die-cut or continuous direct thermal (thermal transfer) labels, synthetics, and tag stock with or without black mark, gap, or notch.

Max. Caliper: 0.01" (0.25 mm)
Max. Roll Diameter: 8.6" (218 mm)
Wind: Face-In

Sensing:

Adjustable transmissive sensor for gap.
Reflective sensor for black mark. Automatic, programmable setting of top of form. Label present sensor - optional with label dispenser.
Ribbon-out sensor

Plug-In Interface Modules:

- Serial - RS232 (up to 57.6k bps)
- Parallel - IEEE1284 (ECP)
- Ethernet - 10/100BaseT
- Wireless 802.11b
- Twinax/Coax
- RS422/485
- USB Adapter

Barcode Symbologies:

Elementary: UPC-A, UPC-E, EAN-8, EAN-13, Code 39, Code 93, Code 128, Codabar, MSI, Bookland, Industrial 2/5, Interleaved 2/5, Matrix 2/5, Postnet, UCC/EAN 128, RSS, Composite
2-Dimensional: PDF417, Micro PDF417, Truncated PDF417, Maxicode, Data Matrix, QR Code

Fonts:

Bitmap - 12 proportional, mono-spaced and outline fonts (Code table 858). Scalable Internal CG Triumvirate® & CG Times® fonts. Optional Downloaded TrueType® fonts, scalable from 8 to 72 points.

Barcode & Font Formatting:

360° rotation of barcodes and text, character expansion horizontally and vertically, sequential numbering, form overlay for high-speed editing of complex formats.

Graphic Support:

Printing & storage of .PCX, .BMP format, SATO Hex/binary

Software:

Windows® Drivers (Windows® 95, 98, ME, NT4.0, 2000, XP)
"Label Gallery Free" - Label Software Printer Utilities

Electrical Requirements:

115V/220V (± 10%), 50/60 Hz (± 1%)
Agency Certifications: CE, UL, CSA, TÜV

Environmental Requirements:

Operating: 41° to 104°F (5° to 40°C)
15-85% RH, non-condensing
Storage: 23° to 140°F (-5° to 60°C)
Max. 90% RH, non-condensing
EDS: 8kV

Optional Features:

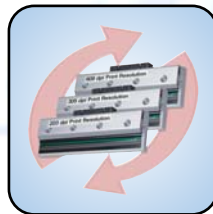
Label Cutter, Label Dispenser, Label Rewinder, Memory Expansion, Real Time Clock, Interface Plug-In Modules, Label Gallery



Memory Expansion



Plug-In Interface Modules



Printheads



Rewinder