



M84Pro Series - High Resolution Printers

- **User Changeable Print Resolution**
- **203/305/609 dpi Resolution**
- **Industry Leading Throughput**
- **Heavy-Duty Industrial Construction**
- **Plug-In I/F Modules**
- **TrueType® Fonts**
- **21 Barcodes incl. 2-D**
- **Memory**
 - ⇒ 18 MB Standard
 - ⇒ 20 MB Optional

SATO's M84Pro Series are a new generation of high resolution printers that produce images with a resolution of up to 609 dots per inch. With these printers it is possible to print large amounts of barcode, text and fine detailed graphics with clear and precise print. They also print smaller size 2-D codes such as Micro PDF417 or Data Matrix.

Throughput - The *Pro* Series printers set new benchmarks in label throughput. A new generation RISC processor provides high performance in label production even when printing directly from standard Windows® applications.

Resolution - Simply by changing the printhead users can change the print resolution of the M84Pro from 203 dpi to 305 dpi or even 609 dpi.

Memory - The *Pro* Series printers come with a full 18 MB of on-board memory standard! Enough memory for storing multiple fonts and graphics without the need for optional memory for most applications.

Windows® Compatible - Users still have the option of producing high quality labels by using either SATO's native command language (SBPL) or quality label design and production software. Now, the ability to easily and efficiently produce labels direct from Windows® applications such as WORD, EXCEL, ACCESS, etc. is also an option.

Interface Connections - Choose from one of SATO's standard high-speed, bi-directional Plug-In Interface Modules: IEEE1284 Parallel, 57.6k bps High-Speed Serial, or Universal Serial Bus (USB). Also available are optional Plug-In Interface Modules for Twinax/Coax, Ethernet-10/100BaseT (incl. WPCPlus), Wireless 802.11b and RS422/485 Serial.

SATO Pro Series Printers



M84Pro(2)



M84Pro(3)



M84Pro(6)

Printing Method	Thermal Transfer/Direct Thermal		
Print Resolution	203 dpi (8 dots/mm)	305 dpi (12 dots/mm)	609 dpi (24 dots/mm)
Print Speed	Up to 10 inches per second	Up to 8 inches per second	Up to 6 inches per second
Max. Print Width	4.1" (104 mm)		
Max. Print Length	49.2" (1249 mm)	32.8" (833 mm)	14" (356 mm)
Media Width	0.87" (22 mm) to 5" (128 mm)		
Min. Media Length	0.24" (6 mm) - continuous 0.63" (16 mm) - tear off 1.18" (30 mm) - cutter/peel off		
Max. Ribbon Size	4.4" (111mm) W x 1475' (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)		

Memory:

18 MB Std. Memory with RAM
16 MB PCMCIA - Opt.
4 MB Flash Memory Module - Opt.

Processor:

32-BIT RISC

Media:

Roll or fan-fold die cut labels, plain paper face stock and synthetics. Continuous stock using software control.

Max. Caliper: 0.01" (0.26 mm)

Max. Roll Diameter: 8.6" (220 mm)

Wind: Face-In

Sensing:

Adjustable transmissive sensor for gap.
Reflective sensor for I-Mark. Automatic, programmable setting of top forms.

Plug-In Interface Modules:

Standard Interface Modules:

- Serial - RS232 (up to 57.6k bps)
- Parallel - IEEE1284 (ECP)
- USB

Optional Interfaces Modules:

- Ethernet - 10/100BaseT (incl. WPCPlus)
- Twinax/Coax
- Wireless 802.11b

Barcode Symbolologies:

Elementary: UPC-A/E, EAN-8/13, Code 39/93/128, Codabar, MSI, Bookland, Industrial 2/5, Interleaved 2/5, Matrix 2/5, Postnet, UCC/EAN 128

2-Dimensional: PDF417, Micro PDF417, Truncated PDF417, Maxicode, Data Matrix, QR Code

Barcode:

2:1, 3:1, 5:2 ratio; programmable height up to 999 dots

Human Readable Fonts:

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

Flexibility:

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

Graphic Support:

SATO Hex/binary
.PCX
.BMP format

AC Power:

115V/220V (± 10%), 50/60 Hz (± 1%)

Environmental:

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
ESD: 8kV

Approvals:

CE, UL, CSA, TÜV

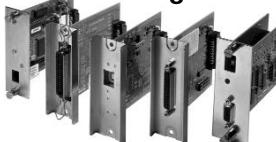
Options:

Label Cutter, Label Dispenser, Real Time Clock, Memory Expansion, Rewinder

Memory Expansion



Plug-In Interface Modules



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