

M84Pro(2) 203 dpi M84Pro(3) 305 dpi M84Pro(6) 609 dpi



Industrial Thermal Printer | M84*Pro* Series



Rugged. High Resolution. High Performance.

Streamlined Features

- Heavy-Duty Metal Industrial Construction
- Proven Rugged Reliable Design
- User Configurable Print Resolution (203, 305 or 609 dpi)
- RISC CPU for Outstanding Performance, Up to 10 ips
- High Print Speed & Resolution
- 18 MB of On-Board Memory
- Print From Any Windows® Application

Industry Verticals

- Aerospace
- Automotive
- Food Services
- Distribution
- Government
- Manufacturing
- Wholesale

Industry Applications

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





GENERAL SPECIFICATIONS

M84Pro Series

Fonts, Optional Downloaded TrueType® fonts, scalable from 8 to 72 points	PRINTER MOD	DEL	M84Pro(2)	M84Pro(3)	M84Pro(6)				
Printing Sped	PRINT SPECIF	ICATIONS							
Printing Sped	Printing Meth	od		Thermal Transfer/ Direct Thermal					
Print Age Max Width (Max Width (Max Length) 8 ips (200 mm/sect) 6 ips (150 mm/sect) Print Ame (Max Length) Max Length (Max Length) 4.9° (1249 mm) 3.2° 8° (833 mm) 1.4° (356 mm) Media Max Length (Max Length) 4.9° (1249 mm) 2.8° (833 mm) 1.4° (356 mm) 1.4° (356 mm) Media Min Length (Max Length) 4.2° (1249 mm) 6.03° (16 mm) - tear off 7.1.18° (30 mm) - cutter/dispenser Media Might Adjustable transmissive sensor for gap, Reflective sensor for black mark, Auto-matic, programmable top of form, Label present sensor (opt. Widspenser), Ribbon-out sensor Media Might Adjustable transmissive sensor for gap, Reflective sensor for black mark, Auto-matic, programmable top of form, Label present sensor (opt. Widspenser), Ribbon-out sensor Media Might Media Might Media Might Media Might Minimization of the mark, Auto-matic, programmable top of form, Label present sensor (opt. Widspenser), Ribbon-out sensor Media Might Media Might Minimization Minimizati			203 dpi (8 dots/mm)	305 dpi (12 dots/mm)	609 dpi (24 dots/mm)				
Fine Area Max Width (Max Length (Max			10 ips (254 mm/sec)	8 ips (200 mm/sec)	• • • • • • • • • • • • • • • • • • • •				
Max Length 49.2" (1249 mm) 32.8" (833 mm) 14" (356 mm)	Print Area Max Width								
MEDIA SPECIFICATIONS Sensor Type Adjustable transmissive sensor for gsp., Reflective sensor for black mark, Automatic, programmable top of form, Label present sensor (ept. w/dispenser), Ribbon-out sensor Media Type Roll-fed or fanfold, die-cut or continuous direct thermal (thermal transfer) labels, synthetics, and tag stock with or without black mark, app., or notch. Media Width Maximum 50 to (128 mm) / Minimum 0.87* (22 mm) Media Speck Caliper Maximum 60* (128 mm) / Minimum 0.87* (22 mm) Maximum 80 to Maximum 80 to (128 mm) Maximum 80 to (128 mm) Maximum 80 to (128 mm) Maximum 80 to (128 mm) Maximum 80 to Maximum 80 to (128 mm) Maximum 80 to (128 mm) Maximum 80 to (128 mm) Maximum 80 to (128 mm) Maximum 80 to (128 mm) Maximum 80 to (128 mm) Maximum 80 to (128 mm) Maximum 80 to (128 mm) Maximum 80 to (128 mm) Maximum 80 to (128 mm) Maximum 80 to (128 mm) Maximum 80 to (128 mm) Maximum 80 to (128 mm) Maximum 80 to (128 mm) Maximum 80 to (128 mm) Maximum 80		Max Length							
Media Type		Min Length							
Media Type Roll-fed or fanfold, die-cut or continuous direct thermal (thermal transfer) labels, synthetics, and tag stock with or without black mank, spa, or notch. Media Width Maximum 5' (128 mm) / Minimum 0.87' (22 mm) Media Speek Caliper	MEDIA SPECII								
Media Yels	Sensor Type								
Media Speck Roll Diameter Caliper Roll Diameter Maximum 8.6" (218 mm) Wind Face In Face	Media Type								
Maximum R.6" (218 mm) Max	Media Width		Ma	aximum 5" (128 mm) / Minimum 0.87" (22 n	nm)				
Wind Face In Maximum Ribbon Size 4.4" (111 mm) W x 1475' (450 m) L - Face In MEMOMY/PROCESSING Standard 16 MB RAM, 2 MB Flash Optional 4 MB Flash, 1 MB or 256 K PCMCIA Processor 32-BIT RISC COMMINICATION INTERFACES Plug-in Interface Serial - RS232 (up to 57.6k bps), Parallel - IEEE1284 (ECP), Ethernet - 10/100BaseT, Wireless 802.11g, Twinterface FONT/BARCODES FONT/BARCODES SYMBOLOGIES Bitmap - 12 proportional, mono-spaced and outline fonts (Code table 858), Scalable Internal CG Triumvirate® and CG Times Fonts, Optional Downloaded TrueType® fonts, scalable from 8 to 72 points Barcodes Linear UPC-A, UPC-E, EAN-8, EAN-13, Code 39, Code 39, Code 128, Codabar, MSI, Bookland, Industrial 2/5, Interleaved 2/5, Matrix 2/5, Postnet™, GS1-128, GS1-DataBar™ Pormatting 2-D PDF417, Micro PDF417, Truncated PDF417, Maxicode™, OptataBari™, GS1-128, GS1-DataBari™ SUPPORT Coraphic Printing and storage of *,PCX, *,BMP format, SATO Hex/binary Software Windows® Privers	Media Specs	Caliper							
Maximum Rib→ Size 4.4" (111 mm) W x 1475' (450 m) L - Face In MEMORY/PCESSING Standard 16 MB RAM, 2 MB Flash Optional 4 MB Flash, 1 MB or 256 K PCMCIA Processor COMMUNICATION INTERFACES Plug-in InterFace Serial - RS232 (up to 57.6k bps), Parallel - IEEE1284 (ECP), Ethernet - 10/100BaseT, Wireless 802.11g, Twinax/Coax, RS422/485, USB (Factory Installed) FONT/BARCOES SYMBOLOGIES Fonts Bitmap - 12 proportional, mono-spaced and outline fonts (Code table 858), Scalable Internal CG Triumvirate® and CG Times Fonts, Optional Downloaded TrueType® fonts, scalable from 8 to 72 points Barcodes Linear UPC-A, UPC-E, EAN-B, EAN-13, Code 39, Code 93, Code 128, Codabar, MSI, Bookland, Industrial 2/5, Interleaved 2/5, Matrix 2/5, Postnet™, GS1-128, GS1-DataBar¹™ Formatting 360° rotation of barcodes and text, horizontal and vertical character expansion, sequential numbering and form overlay for high-speed editing of complex formats SUPPORT Graphic Printing and storage of *.PCX, *.BMP format, SATO Hex/binary Software OPERATING & ENVIRONMENTAL Electrical Requirements 1150/220V (± 10%), 50/60 H		Roll Diameter							
Standard		Wind		Face In					
Standard 16 MB RAM, 2 MB Flash 16 MB RAM, 2 MB Flash 10 MB RAM, 2 MB RAM, 2 MB Flash 10 MB RAM, 2 MB RAM, 2 MB Flash 10 MB RAM, 2 MB	Maximum Ribl	imum Ribbon Size 4.4" (111 mm) W x 1475' (450 m) L - Face In							
Optional 4 MB Flash, 1 MB or 256 K PCMCIA Processor 32-BIT RISC COMMUNICATION INTERFACES Plug-in Interface Serial - RS232 (up to 57.6k bps), Parallel - IEEE1284 (ECP), Ethernet - 10/100BaseT, Wireless 802.11g, Twinax/Coax, RS422/485, USB (Factory Installed) FONT/BARCODE SYMBOLOGIES Bitmap - 12 proportional, mono-spaced and outline fonts (Code table 858), Scalable Internal CG Triumvirate® and CG Times Fonts, Optional Downloaded TrueType® fonts, scalable from 8 to 72 points Barcodes Linear UPC-A, UPC-E, EAN-B, EAN-13, Code 39, Code 93, Code 128, Codabar, MSI, Bookland, Industrial 2/5, Interleaved 2/5, Matrix 2/5, Postnet™, GS1-128, GS1-DataBar™ 2-D PDF417, Micro PDF417, Truncated PDF417, Avaicode™, Data Matrix, QR Code, Composite Symbology Formatting 360° rotation of barcodes and text, horizontal and vertical character expansion, sequential numbering and form overlay for high-speed editing of complex formats SUPPORT Graphic Printing and storage of *.PCX, *.BMP format, SATO Hex/binary SOPERATING & ENVIRONMENTAL Electrical Requirements 115V/220V (± 10%), 50/60 Hz (± 1%) - Jumper switch required Agency Certificated <t< th=""><th>MEMORY/PRO</th><th>OCESSING</th><th></th><th></th><th></th></t<>	MEMORY/PRO	OCESSING							
Processor 32-BIT RISC	Standard		16 MB RAM, 2 MB Flash						
COMMUNICATION INTERFACES Plug-in Interface Serial - RS232 (up to 57.6k bps), Parallel - IEEE1284 (ECP), Ethernet - 10/100BaseT, Wireless 802.11g, Twinax/Coax, RS422/485, USB (Factory Installed) FONT/BARCODE SYMBOLOGIES Fonts Bitmap - 12 proportional, mono-spaced and outline fonts (Code table 858), Scalable Internal CG Triumvirate® and CG Times Fonts, Optional Downloaded TrueType® fonts, scalable from 8 to 72 points Barcodes Linear 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, Postaria, GS1-128, GS1-DataBar™ 2-D PDF417, Micro PDF417, Truncated PDF417, Maxicode™, Data Matrix, QR Code, Composite Symbology Formatting SUPPORT Graphic Printing and storage of *.PCX, *.BMP format, SATO Hex/binary Software Windows® Drivers (Windows® 2000, XP, 2003, Vista and Windows 7), Label Software (Label Gallery Free) and Printer Utilities OPERATING & ENVIRONMENTAL Electrical Requirements 115V/220V (± 10%), 50/60 Hz (± 1%) - Jumper switch required Agency Certifications C P, UL, CSA, TÜV Environment Operating 41° to 104°F (5° to 40°C), 15-85% RH, non-condensing <th< th=""><th>Optional</th><th></th><th colspan="3">4 MB Flash, 1 MB or 256 K PCMCIA</th></th<>	Optional		4 MB Flash, 1 MB or 256 K PCMCIA						
Plug-in Interface	Processor	or 32-BIT RISC							
FONT/BARCODE SYMBOLOGIES Fonts Bitmap - 12 proportional, mono-spaced and outline fonts (Code table 858), Scalable Internal CG Triumvirate® and CG Times Fonts, Optional Downloaded TrueType® fonts, scalable from 8 to 72 points Barcodes Linear 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™, GS1-128, GS1-DataBar™ 2-D PDF417, Micro PDF417, Truncated PDF417, Maxicode™, Data Matrix, QR Code, Composite Symbology Formatting 360° rotation of barcodes and text, horizontal and vertical character expansion, sequential numbering and form overlay for high-speed editing of complex formats SUPPORT Graphic Printing and storage of *.PCX, *.BMP format, SATO Hex/binary Software Windows® Drivers (Windows® 2000, XP, 2003, Vista and Windows 7), Label Software (Label Gallery Free) and Printer Utilities OPERATING & ENVIRONMENTAL Electrical Requirements 115V/220V (± 10%), 50/60 Hz (± 1%) - Jumper switch required Agency Certifications CE, UL, CSA, TÜV Environment Operating 41° to 104°F (5° to 40°C), 15-85% RH, non-condensing Storage 23° to 140°F (-5° to 60°C), Maximum 90% RH, non-condensing EDS 8kV Dimensions Deptional Features OPTIONAL FEATURES	COMMUNICA	TION INTERFACE	S						
Bitmap - 12 proportional, mono-spaced and outline fonts (Code table 858), Scalable Internal CG Triumvirate® and CG Times Fonts, Optional Downloaded TrueType® fonts, scalable from 8 to 72 points	Plug-in Interfa	ce							
Fonts, Optional Downloaded TrueType® fonts, scalable from 8 to 72 points	FONT/BARCO	DE SYMBOLOGIE	S						
Matrix 2/5, Postnet™, GS1-128, GS1-DataBar™	Fonts		Bitmap - 12 proportional, mono-spaced and outline fonts (Code table 858), Scalable Internal CG Triumvirate® and CG Times® Fonts, Optional Downloaded TrueType® fonts, scalable from 8 to 72 points						
Support	Barcodes	Linear							
SUPPORT Graphic		2-D PDF417, Micro PDF417, Truncated PDF417, Maxicode™, Data Matrix, QR Code, Composite Symbology			Code, Composite Symbology				
Graphic Printing and storage of *.PCX, *.BMP format, SATO Hex/binary Software Windows® Drivers (Windows® 2000, XP, 2003, Vista and Windows 7), Label Software (Label Gallery Free) and Printer Utilities OPERATING & ENVIRONMENTAL Electrical Requirements 115V/220V (± 10%), 50/60 Hz (± 1%) - Jumper switch required Agency Certifications CE, UL, CSA, TÜV Environment Operating 41° to 104°F (5° to 40°C), 15-85% RH, non-condensing Storage 23° to 140°F (-5° to 60°C), Maximum 90% RH, non-condensing EDS 8kV Dimensions 10.4" (265 mm) W x 17.1" (435 mm) D x 13.4" (341 mm) H Weight 39.7 lbs (18 kg)	Formatting								
Software Windows® Drivers (Windows® 2000, XP, 2003, Vista and Windows 7), Label Software (Label Gallery Free) and Printer Utilities OPERATING & ENVIRONMENTAL Electrical Requirements 115V/220V (± 10%), 50/60 Hz (± 1%) - Jumper switch required Agency Certifications CE, UL, CSA, TÜV Environment Operating 41° to 104°F (5° to 40°C), 15-85% RH, non-condensing Storage 23° to 140°F (-5° to 60°C), Maximum 90% RH, non-condensing EDS 8kV Dimensions 10.4" (265 mm) W x 17.1" (435 mm) D x 13.4" (341 mm) H Weight 39.7 lbs (18 kg) OPTIONAL FEATURES	SUPPORT								
OPERATING & ENVIRONMENTAL Electrical Requirements 115V/220V (± 10%), 50/60 Hz (± 1%) - Jumper switch required Agency Certifications CE, UL, CSA, TÜV Environment Operating 41° to 104°F (5° to 40°C), 15-85% RH, non-condensing Storage 23° to 140°F (-5° to 60°C), Maximum 90% RH, non-condensing EDS 8kV Dimensions 10.4" (265 mm) W x 17.1" (435 mm) D x 13.4" (341 mm) H Weight 39.7 lbs (18 kg) OPTIONAL FEATURES	Graphic		Printing and storage of *.PCX, *.BMP format, SATO Hex/binary						
Electrical Requirements 115V/220V (± 10%), 50/60 Hz (± 1%) - Jumper switch required Agency Certifications CE, UL, CSA, TÜV Environment Storage 41° to 104°F (5° to 40°C), 15-85% RH, non-condensing Storage 23° to 140°F (-5° to 60°C), Maximum 90% RH, non-condensing BkV 8kV Dimensions 10.4" (265 mm) W x 17.1" (435 mm) D x 13.4" (341 mm) H Weight 39.7 lbs (18 kg) OPTIONAL FEATURES	Software		Windows® Drivers (Windows® 2000, XP, 2003, Vista and Windows 7), Label Software (Label Gallery Free) and Printer Utilities						
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OPTIONAL FEATURES	Dimensions		10.4" (265 mm) W x 17.1" (435 mm) D x 13.4" (341 mm) H						
	Weight		39.7 lbs (18 kg)						
Label Control Label Discours and taked Described Message Francisco Deal Time Clash Dhorde Later for Label College	OPTIONAL FE	ATURES							
Label Cutter, Label Dispenser, Label Rewinder, Memory Expansion, Real Time Clock, Plug-In Interface, Label Gallery		Label Cutt	er, Label Dispenser, Label Rewinder, Memor	y Expansion, Real Time Clock, Plug-In Inter	face, Label Gallery				

SATO AMERICA, INC. CORPORATE

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