



# PRO

## SATO Pro Series M84Pro

User Configurable  
203 dpi / 305 dpi / 609 dpi Resolution Printer





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## 1 About SATO Corporation

SATO Corporation, Japan, was established in 1940 to manufacture and sell packaging machinery. In 1962, SATO invented the world's first hand-held labeler and operations as an international supplier of labeling machinery began. SATO America, US subsidiary was established in 1977 and eventually became SATO America, Inc. in 1987.

Since SATO's 1979 introduction of the world's first thermal transfer barcode printer, Model 2311, SATO has continued to be in the forefront of thermal printing technologies. Barcodes have proven to be a medium for inputting information that satisfies all requirements, including high reading speed, incomparable accuracy, and low cost. Barcodes have therefore gone into widespread use in a variety of business sectors. Recognizing this, SATO Corporation has developed barcode solutions for a wide spectrum of markets and applications.

Today, SATO continues its tradition of designing and manufacturing high quality industrial printers, which deliver reliable performance with each print job.

Information about SATO and SATO products can be found at <http://www.satoamerica.com>.

### 1.1 Contacting SATO America, Inc.

#### SATO America, Inc.

10350A Nations Ford Road Charlotte, NC 28273

Phone: (704) 644-1650 • Fax: (704) 644-1659

Email: [satosales@satoamerica.com](mailto:satosales@satoamerica.com) • <http://www.satoamerica.com>



**SC** - SATO CORPORATION  
**BSI** - Barcode SATO International PTE LTD  
**SAI** - SATO America Inc.  
**SUL** - SATO UK LTD.  
**SEG** - SATO Europe GmbH  
**SEN** - SATO Europe NV  
**SDG** - SATO Deutschland GMBH  
**SPZ** - SATO Polska SP Z O.O.

**SRLC** - SATO Rotterdam Logistic Centre  
**SSC** - SATO Shanghai CO, LTD  
**BSS** - Barcode SATO Electronics (S) PTE LTD  
**SBL** - SATO Barcode & Labeling SDN BHD  
**BST** - Barcode SATO (Thailand) CO., LTD  
**SEM** - SATO Electronics (Malaysia) SDN BHD  
**BSM** - Barcode SATO Electronics (Malaysia) SDN BHD



## 2 SATO M84Pro Positioning

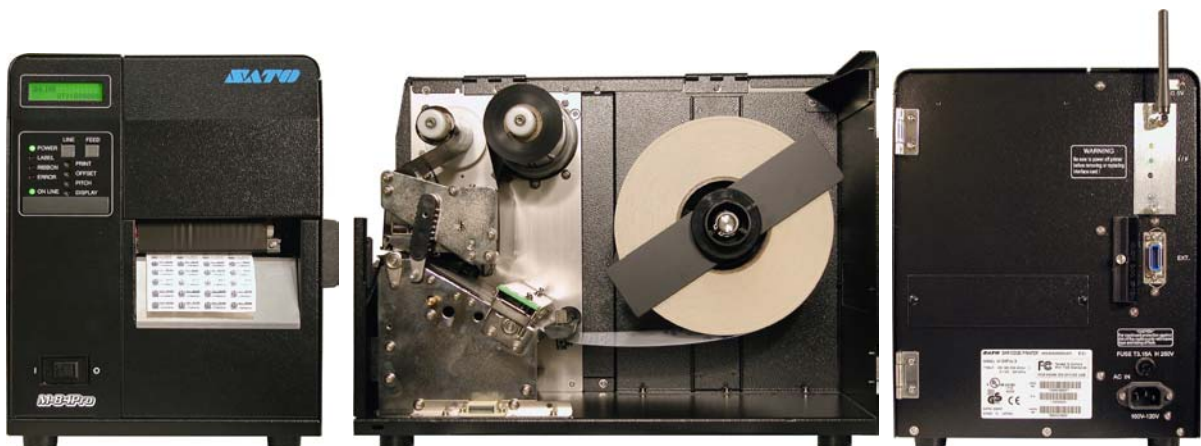
The SATO M84Pro Series is setting a new benchmark in thermal printing, moving performance expectations to new heights. With its mighty processing power and user-friendly design SATO keeps its commitment to staying ahead of customer needs. SATO Corporation looks to the future, making the most of its advanced technology and creativity.

The M84Pro stands at the top of the SATO Pro Series of products, offering the best in quality, performance and resolution in thermal printing. With its industrial full-metal construction the M84Pro will satisfy the most demanding requirements on the shop floor, shipping dock, or office. The M84Pro is loaded with the latest technology and together with a wide array of options and accessories it will satisfy the most demanding applications.

The M84Pro delivers 4.1" print width at rapid 10 inches per second with virtually Zero-Compile time by using the latest generation of 32-bit RISC 133 MHz CPU. The M84Pro is available with 203, 305, and 609 dots-per-inch print resolutions, which are factory or user (!) configurable. All resolutions support the full 4.1" print width. All SATO Pro Series printers come with a minimum of 16MB RAM and 2MB Flash for storage of forms, fonts and graphics. Optional Flash module or PCMCIA memory card expands the printer storage capabilities even further. The M84Pro is available with a vast array of interface connection plug-in modules making integration connectivity issues disappear.

As the reigning high-performance Pro Series printer, the SATO M84Pro is the ideal solution for the most demanding environments offering the ultimate ruggedness in 24/7 – heavy-duty operations.

- The M84Pro offers exceptional performance and high resolutions of printing at print speeds up to 10 inches-per-second and high print resolution of up to 609 dots-per-inch. The high performance RISC CPU ensures high throughput for the most demanding applications.
- The M84Pro is rugged industrial all-metal printer with easy to use design. It is also the first and only printer to allow simple conversion of print resolutions from 203 to 305 or even 609 dots-per-inch. The Plug-In Interface Module design offers a quick and simple solution to any communication interface demand.
- The M84Pro offers more connectivity choices than other products, including Ethernet, Wireless, USB, high-speed parallel and serial. iSeries and AS400 users can select the Twinax/Coax to fulfill their interface requirements.





### 3 Unique Selling Points

#### 3.1 Printer Throughput & Performance

The M84Pro uses the latest technology to offer maximum performance and eliminate wait time.

##### a) RISC CPU & Memory

The combination of high performance RISC CPU, fast print speed of up to 10 inches-per-second and 16MB of RAM image buffer allow the M84Pro Series to output even the most complex formats with no time wasted. The printer's virtual Zero-Compile time provides high performance in label production even when printing directly from standard Windows applications.

##### b) Multi-Buffer – “Processing While Printing”

With the Multi-Buffer feature the M84Pro can process an incoming format while the previous image is being printed. Once the first image is finished printing the following format can start printing immediately, thus maximizing the printer throughput.

#### 3.2 High Print Resolution (User Configurable!)

The M84Pro offers a superior print quality at print resolutions of 203 dpi, 305 dpi, and high resolution 609 dpi, all at the full print width of 4.1”. Simply by changing only the print head, users can convert their printer from their existing resolution in a matter of seconds. Whether the application is for shipping labels where resolution of 203 dpi is sufficient, or for chemically resistant labels used for marking of electronic components with high density 2-Dimensional barcodes printed at 600 dpi, the M84Pro will meet the application requirements.

#### 3.3 Heavy-Duty Rugged Industrial Design

With its proven rugged design and all-metal construction the M84Pro is the ideal printer for heavy-duty industrial use even in the harshest environments. The M84Pro print mechanism and media path are engineered for reliable, long-lasting optimum performance under heavy use in industrial applications. Its fully enclosed metal enclosure provides full protection of the print mechanism as well as the media, preventing outside elements from affecting mission-critical applications.

#### 3.4 Interface Connectivity Options

The M84Pro offers a wide array of interface options. The printer uses a Plug-In Interface Module technology, which allows the printers to be not only configured in the factory but as well by the customer, making it simple to conform to a wide range of host interfaces.

- |   |   |
|---|---|
| <p><b>Standard:</b></p> <ul style="list-style-type: none"> <li>• Parallel IEEE1284 (ECP)</li> <li>• Serial RS232 (up to 57.6 kbps)</li> <li>• Serial RS422/482</li> </ul> | <p><b>Optional:</b></p> <ul style="list-style-type: none"> <li>• Ethernet 10/100BaseT</li> <li>• Wireless 802.11b – WiFi</li> <li>• Twinax/Coax</li> <li>• USB</li> </ul> |
|---|---|

#### 3.5 Application Flexibility

To satisfy even the most demanding and specific applications, the M84Pro offers additional options and accessories. These include:

- |  |  |
|--|--|
| <ul style="list-style-type: none"> <li>• Label Cutter</li> <li>• Real Time Clock</li> <li>• Label Rewinder</li> <li>• Windows Label Design Software</li> </ul> | <ul style="list-style-type: none"> <li>• Label Dispenser</li> <li>• Memory Expansions</li> <li>• Interface Options</li> <li>• Windows Drivers</li> </ul> |
|--|--|





## 4 Printer Specifications

	<b>M84Pro(2)</b>	<b>M84Pro(3)</b>	<b>M84Pro(6)</b>
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	10 ips (254mm/s)	8 ips (203 mm/s)	6 ips (152mm/s)
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:**

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

**Processor:**

32-BIT RISC/133 MHz

**Media Type:**

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. Continuous direct thermal paper.  
 Max. Thickness: 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 of form. Label present sensor – optional with label dispenser. Ribbon-out sensor

**Plug-In Interface Modules:**

*Standard Interface Modules:*

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

*Optional Interfaces Modules:*

- Ethernet - 10/100BaseT (incl. WPC Plus)
- Twinax/Coax
- Wireless 802.11b
- RS422/485
- USB

**Barcode Symbolologies:**

*Linear:* 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

**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 and Fonts 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 Windows label software  
 Printer utilities

**Electrical Requirements:**

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

**Environmental Requirements:**

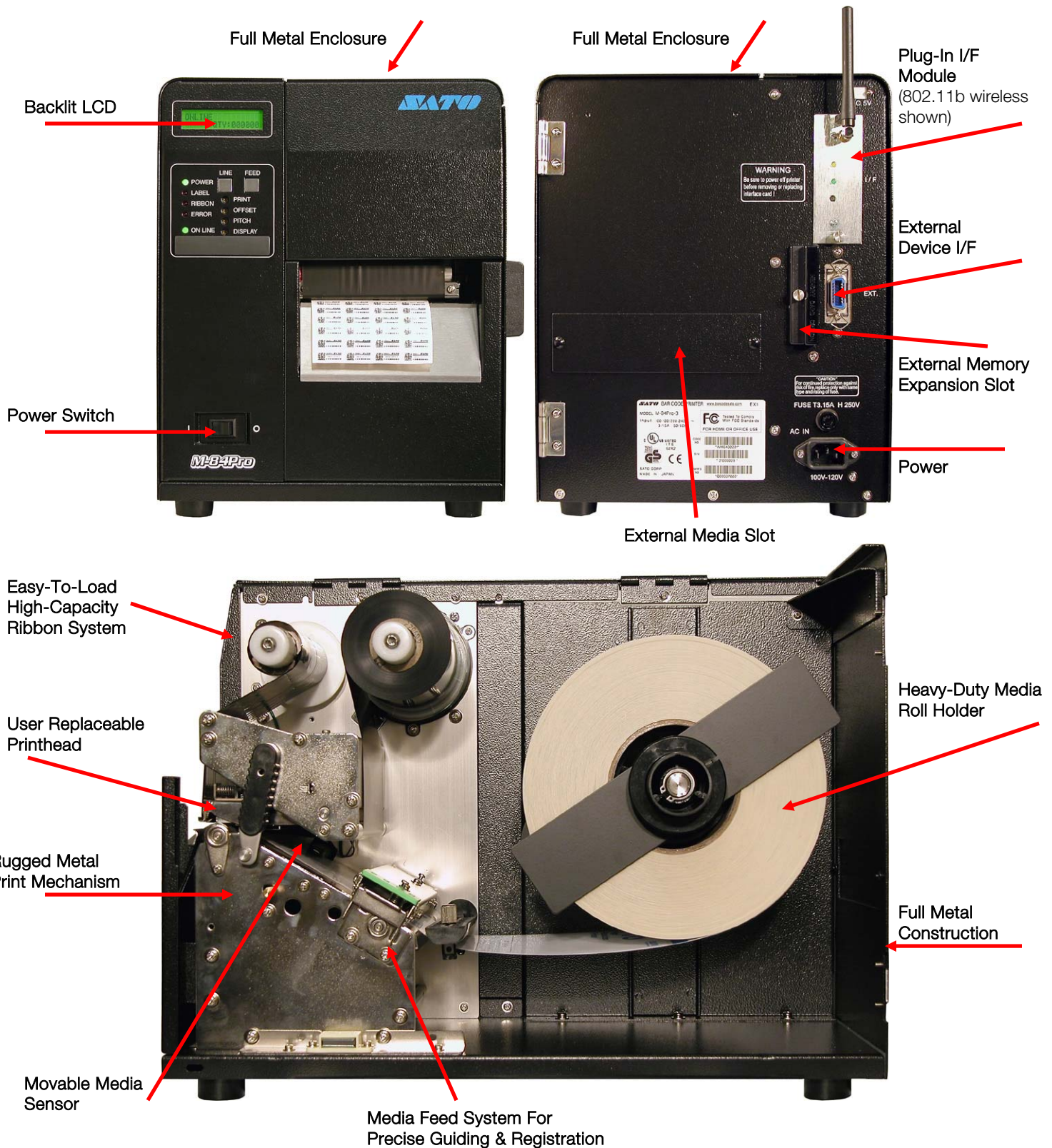
*Operating:* 41° to 104°F (5° to 40°C)  
 15-85% relative humidity, non-condensing  
*Storage:* 23° to 140°F (-5° to 60°C)  
 Max. 90% relative humidity, non-condensing  
 Electrostatic discharge: 8kV

**Optional Features:**

- High resolution print heads (305dpi and 609 dpi)
- 6MB Flash for storage of forms, fonts and graphics
- 16MB PCMCIA memory card for additional storage
- Label Cutter
- Label Dispenser with label present sensor
- Real Time Clock
- Label Rewinder
- Interface Plug-In Modules (IEEE1284, USB, RS232, Ethernet, 802.11b, Twinax/Coax, RS422/485)
- Label Gallery Windows label design software and a suite of print utilities (Easy, Plus & TruePro)
- WPC*Plus*



5 M84Pro Product Tour







5.1 Target Markets and Applications



Market	Application	Special Requirements
<b>Manufacturing</b>		
PCBA	<ul style="list-style-type: none"> <li>• Small dense synthetic labels PCB labels.</li> </ul>	609 dpi, synthetic media
Components	<ul style="list-style-type: none"> <li>• Small dense chemical resistant component labels.</li> </ul>	609 dpi, 2D, Synthetic media, P/A
Planning & Scheduling	<ul style="list-style-type: none"> <li>• Tag or label for production work orders and product travelers (WIP Track Labels)</li> </ul>	ERP connectivity, network interface
Product Compliance Labeling	<ul style="list-style-type: none"> <li>• Synthetic ID label for product identification and agency compliance.</li> <li>• Packaging compliance labeling.</li> </ul>	High resolution, synthetic media, graphic storage.
<b>Logistics</b>		
Warehousing	<ul style="list-style-type: none"> <li>• Receiving</li> <li>• Inventory control</li> <li>• Shelf labeling</li> <li>• Bin and tote labels</li> </ul>	ERP connectivity, network interface
Distribution	<ul style="list-style-type: none"> <li>• Order tracking &amp; managements</li> <li>• Shipping Labels</li> <li>• Invoice Generation</li> <li>• Case, carton, and pallet labels</li> <li>• Cross-docking labels</li> </ul>	ERP connectivity, network interface
<b>Transportation</b>		
Parcel Delivery	<ul style="list-style-type: none"> <li>• Shipping and tracking</li> </ul>	2D, connectivity
Public Transportation	<ul style="list-style-type: none"> <li>• Ticketing</li> <li>• Bag tag handling labels</li> </ul>	Connectivity
Asset & Vehicle Tracking	<ul style="list-style-type: none"> <li>• Asset tags</li> <li>• Yard, vehicle ID</li> </ul>	Synthetic media
Service & Maintenance	<ul style="list-style-type: none"> <li>• Parts and equipment labeling</li> <li>• Service interval tracking</li> </ul>	Synthetic media
<b>Automotive</b>		
AIAG	<ul style="list-style-type: none"> <li>• Automotive industry compliance marking and labeling</li> <li>• Carousel and routing labels</li> </ul>	2D, ERP connectivity, network interface
<b>Retail</b>		
Compliance Labeling	<ul style="list-style-type: none"> <li>• Retailer specific requirements for product labeling</li> </ul>	ERP connectivity
Warehouse Managements	<ul style="list-style-type: none"> <li>• Inventory labeling</li> <li>• Item labeling</li> <li>• Shelf labeling</li> <li>• Receiving</li> </ul>	
Distribution	<ul style="list-style-type: none"> <li>• Shipping/Receiving</li> <li>• Inventory control</li> <li>• Order tracking and management</li> </ul>	ERP connectivity



Market	Application	Special Requirements
Government		
DoD	<ul style="list-style-type: none"> <li>• Asset tracking and management</li> <li>• Vehicle park service and tracking</li> <li>• Warehousing applications</li> <li>• Retail labeling applications</li> <li>• Healthcare/hospital marking &amp; tracking</li> <li>• Pharmacy labeling</li> <li>• Haz-Mat labels &amp; tracking</li> </ul>	Synthetic media, connectivity, pharmacy graphic fonts
Leisure/Entertainment		
	<ul style="list-style-type: none"> <li>• Ticketing applications</li> <li>• Asset management</li> </ul>	Connectivity, synthetic media
Healthcare		
Patient Services	<ul style="list-style-type: none"> <li>• Patient identification and tracking</li> <li>• Specimen tracking</li> </ul>	Connectivity, special media (wristbands), high resolution for image printing
Asset Management	<ul style="list-style-type: none"> <li>• Inventory marking and tracking</li> </ul>	Synthetic media
Pharmacy	<ul style="list-style-type: none"> <li>• Prescription labeling</li> <li>• Warning labels</li> </ul>	Connectivity, pharmacy graphic fonts
Horticulture		
Inventory management	<ul style="list-style-type: none"> <li>• Tracking labels</li> <li>• Price tags</li> </ul>	Special media
Retail	<ul style="list-style-type: none"> <li>• Care tags</li> <li>• Info/description tags</li> </ul>	Special media, high resolution

5.2 Sample Formats

From: SATO America 10350A Nations Ford Rd. Charlotte, NC 28273 sales@satoamerica.com	To: GENERAL MOTORS CORP. ORION ASSEMBLY PLANT LAKE ORION, MI 48359 Plant / Dock: 65782 SEC	
Quantity: 280	Material Handling Code: A6-987	Reference: G1155
Part Number: <b>123456789</b>		
License Plate:  UN 123456789 A2B4C6D8E		Shipment Date: 25MAR2003 Container Type: SC151208 Gross Weight: 50KG
		PCI - CODE VALUE Z13 PCI - CODE VALUE Z12 PCI - CODE VALUE Z14 PCI - CODE VALUE Z16

Not shown in actual size



Not shown in actual size



## 6 Competitive Comparison

### 6.1 SATO M8400R*Ve*

The SATO M84*Pro* product family supercedes the current M8400R*Ve* printers. The M84*Pro* is compatible with the M8400R*Ve* furthermore it offers increased performance and new features.

	SATO M8400R <i>Ve</i>	SATO M84 <i>Pro</i> (2)	SATO M84 <i>Pro</i> (3)	SATO M84 <i>Pro</i> (6)
List Price	\$2,495	\$2,495	\$2,995	\$3,695
<b>Print Features</b>				
TT, DT	DT/TT	DT/TT	DT/TT	DT/TT
Resolution	203 dpi	203 dpi	305 dpi	609 dpi
Max. Print Width	4.1" (104mm)	4.1" (104mm)	4.1" (104mm)	4.1" (104mm)
Max. Length	32.8" (833 mm)	49.2" (1249mm)	32.8" (833mm)	14" (356mm)
Print Speeds	up to 8 ips	10 ips (254mm/s)	8 ips (203mm/s)	6 ips (152mm/s)
Media Type	roll / fanfold	roll / fanfold	roll / fanfold	roll / fanfold
Roll O.D.	8.6" (218mm)	8.6" (218mm)	8.6" (218mm)	8.6" (218mm)
<b>Memory</b>				
Standard	2MB ROM 8MB SRAM	16MB RAM, 2MB Flash	16MB RAM, 2MB Flash	16MB RAM, 2MB Flash
Option	4MB Flash 16MB Flash 4MB SRAM	6MB Flash 16MB PCMCIA	6MB Flash 16MB PCMCIA	6MB Flash, 16MB PCMCIA
Processor	32-Bit RISC/133Mhz	32-Bit RISC/ 133Mhz	32-Bit RISC/ 133Mhz	32-Bit RISC/ 133Mhz
<b>Interface</b>				
Standard	IEEE1284 RS232	IEEE1284 RS232	IEEE1284 RS232	IEEE1284 RS232
Option	RS422/485 Ethernet USB Twinax/Coax	Ethernet Twinax/Coax 802.11b USB	Ethernet Twinax/Coax 802.11b USB	Ethernet Twinax/Coax 802.11b USB
<b>Options</b>				
Rewind	opt.	opt.	opt.	opt.
Peel-off	\$250	\$250	\$250	\$250
Cutter	\$795	\$795	\$795	\$795
Time / Date	\$99	\$99	\$99	\$99
Others	Plug-In I/F Modules	User upgradeable head Plug-In I/F Modules	User upgradeable head Plug-In I/F Modules	User upgradeable head Plug-In I/F Modules



**6.2 Competition Summary**

			
Competition	M84Pro(2)	M84Pro(3)	M84Pro(6)
Brady	203X-Plus 2461	300X-Plus 3481	600X-Plus 6441
Checkpoint	mi4208	-	-
Cab	A3	A3 - 300dpi A4 - 300dpi Apollo 1	A4
Datamax	I-4208 I-4212	I-4308	I-4406 I-4604
Intermec	4420	-	3240 4440
Novexx	Ocelot	Chess 4 Puma Plus Ocelot - 300dpi	-
Paxar	9850 9855	9850 - 300dpi 9855 - 300dpi	-
Printronix	T5204	T5304	-
Quicklabel	Pronto 472	-	-
Tec	B472	B482	-
Tharo	Apollo 3 A3	Apollo 2 A3 - 300dpi	-
Zebra	140XIII Plus 105SL	90XIII Plus 105SL - 300dpi	96XIII Plus



6.3 M84Pro(2) Competitive Comparison – 200dpi

	SATO M84Pro(2)	Brady 203X-Plus	Brady 2461	Checkpoint mi-4208	Datamax DMX-I-4208	Datamax DMX-I-4212	Intermec EasyCoder 4420
List Price	\$2,495	\$4,695	\$1,495		\$1,495	\$2,195	\$2,295
<b>Print Features</b>							
TT, DT	DT/TT	DT/TT	DT/TT	DT/TT or DT only	DT/TT	DT/TT	DT/TT
Resolution	203 dpi	203 dpi	203 dpi	203 dpi	203 dpi	203 dpi	203 dpi
Max. Print Width	4.1" (104mm)	5.04" (128mm)	4.1" (104mm)	4.09" (104mm)	4.09" (104mm)	4.09" (104mm)	4.4" (112mm)
Max. Length	49.2" (1249mm)	39" (991mm)	99" (2475mm)	99" (2514mm)	99" (2475mm)	99" (2475mm)	unlimited
Print Speeds	10 ips (254mm/s)	12 ips (305mm/s)	6 ips (152mm/s)	8 ips (203mm/s)	8 ips (203mm/s)	12 ips (305mm/s)	8 ips (203mm/s)
Media Type	roll / fanfold	roll	roll	roll / fanfold	roll	roll / fanfold	roll / fanfold
Roll O.D.	8.6" (218mm)	8" (203mm)	8" (203mm)	8" (203mm)		8" (203mm)	8.38" (212.8mm)
Cabinetry	metal	metal			metal	metal	metal
<b>Memory</b>							
Standard	16MB RAM 2MB Flash	4MB RAM 1.5 Flash	8MB RAM 1MB Flash	8MB DRAM	8MB DRAM 1MB Flash	16MB DRAM 2MB Flash	1MB DRAM 128k Flash
Option	6MB Flash 16MB PCMCIA	up to 12MB	memory card		Flash \$195	Flash \$195	8MB DRAM 16MB Flash
Processor	32-Bit RISC/ 133Mhz	Dual 32-Bit	32-Bit	32-Bit/ 66MHz	32-Bit/ 66 Mhz	32-Bit/ 90 Mhz	
<b>Interface</b>							
Standard	IEEE1284 Parallel RS232	Serial	RS232/424	RS232 IEEE1284	Serial IEEE1284	Serial IEEE1284	RS232/422 Parallel
Option	Ethernet Twinax/Coax 802.11b USB	Parallel Twinax/Coax	Twinax/Coax Ethernet	Twinax/Coax Ethernet	Twinax/Coax \$1295 Ethernet \$495	Twinax/Coax \$1295 Ethernet \$495	Twinax, Coax Ethernet
<b>Options</b>							
Rewind	opt.	opt. [in] full roll	opt. [in]		\$200 [in.]	\$200 [in.]	opt.
Peel-off	\$250	opt. w/ liner rewind	opt.	opt.	\$195	\$195	opt. w/ full batch up
Cutter	\$795	opt.	opt.	opt.	\$595	\$595	opt.
Time / Date	\$99			opt.	\$225	\$225	
Others	User upgradeable head						





## SATO M84Pro Product Guide



	SATO M84Pro(2)	Novexx Ocelot	Paxar 9850™	Paxar 9855™	Printronix T5204	Quicklabel Pronto472	Tec B-472	Tharo Apollo 3
<b>List Price</b>	\$2,495	\$2,699	\$2,095	N/A	\$2,695	\$1,495	\$2,829	\$2,095
<b>Print Features</b>								
TT, DT	DT/TT	DT/TT	DT/TT	DT/TT	DT/TT	DT/TT	DT/TT	DT/TT
Resolution	203 dpi	200 dpi	203 dpi	203 dpi	203 dpi	203 dpi	203 dpi	203 dpi
Max. Print Width	4.1" (104mm)	4.16"/4.23"	4" (102mm)	4" (102mm)	4.1" (104mm)	4.09" (104mm)	4.1" (104 mm)	4.09"
Max. Length	49.2" (1249mm)		16" (406mm)	16" (406mm)		32" (813mm)	15.11" (384 mm)	37.2" (945mm)
Print Speeds	10 ips (254mm/s)	8 ips (203mm/s)	12 ips (305mm/s)	12 ips (305mm/s)	10 ips (254mm/s)	7 ips (178mm/s)	35.3" (896 mm)	
Media Type	roll / fanfold	roll / fanfold	roll	roll	roll / fanfold	roll / fanfold	10 ips (254mm/s)	2-5 ips
Roll O.D.	8.6" (218mm)		8" (203mm)	8" (203mm)	8" (203.2mm)	8"	roll / fanfold	roll / fanfold
Cabinetry	metal	metal	plastic	plastic	metal	metal	metal	metal
<b>Memory</b>							7.9" (200mm)	8" (200mm)
Standard	16MB RAM 2MB Flash		512K SRAM 8MB SDRAM 4MB Flash	16MB SDRAM 4MB Flash	8MB DRAM 4MB Flash	2MB DRAM 1MB Flash	512K DRAM 256k Flash	2MB RAM
Option	6MB Flash, 16MB PCMCIA	2 x 2MB Cards		16MB	16MB DRAM 10MB Flash	up to 4MB Flash	4MB Flash Card	PCMCIA
Processor	32-Bit RISC/ 133Mhz		32-Bit / 90MHz	32-Bit	32-bit			
<b>Interface</b>								
Standard	IEEE1284 Parallel RS232	RS-232C Parallel	RS232 IEEE1284	RS232 IEEE1284 USB	RS232 IEEE1284	RS232 Centronics	RS232	RS-232/422/485 Parallel
Option	Ethernet Twinax/Coax 802.11b USB		Ethernet Twinax/Coax	Ethernet Twinax/Coax 802.11b	Twinax/Coax Ethernet 802.11b	Ethernet Wireless	Parallel Twinax/Coax Ethernet	
<b>Options</b>								
Rewind	opt.	opt.	opt.	opt.	\$295	\$395 (ex)		\$200
Peel-off	\$250 w/ rewind	opt. dispenser	opt.	opt.	std.	\$249	opt.	opt.
Cutter	\$795	opt.	opt.	opt.	\$995	\$595	opt.	opt.
Time / Date	\$99				std.			std.
Others	User upgradeable head							





## SATO M84Pro Product Guide



	SATO M84Pro(2)	Tharo A3 - 200	Zebra 140 Xiii Plus	Zebra 105SL™
<b>List Price</b>	\$2,495	\$2,095	\$4,695	\$2,295
<b>Print Features</b>				
TT, DT	DT/TT	DT/TT	DT/TT	DT/TT
Resolution	203 dpi	203 dpi	203 dpi	203 dpi
Max. Print Width	4.1" (104mm)	4.09" (104mm)	5.04" (128mm)	4.09" (104mm)
Max. Length	49.2" (1249mm)	40" (1,000mm)	39" (991mm)	106" (2692mm)
Print Speeds	10 ips (254mm/s)	8 ips	12 ips (305mm/s)	up to 8 ips
Media Type	roll / fanfold	roll / fanfold	roll	roll / fanfold
Roll O.D.	8.6" (218mm)	8" (203mm)	8" (203mm)	8" (203mm)
Cabinetry	metal	plastic	metal	metal
<b>Memory</b>				
Standard	16MB RAM 2MB Flash	8MB RAM 2MB Flash	16MB SDRAM 4MB Flash	6MB SDRAM 2MB Flash
Option	6MB Flash 16MB PCMCIA	CF Type I - up to 64MB	PCMCIA CF Card	8MB Flash PCMCIA
Processor	32-Bit RISC/ 133Mhz	32-bit, 66MHz	32-Bit RISC/CISC	Dual 32-Bit
<b>Interface</b>				
Standard	IEEE1284 Parallel RS232	RS232 IEEE1284 USB-master	RS232C IEEE1284 USB 2.0	RS232 IEEE1284
Option	Ethernet Twinax/Coax 802.11b USB	Twinax/Coax Ethernet USB – Slave RS422/485	Twinax/Coax Ethernet 802.11b RS422/485	Twinax/Coax Ethernet 802.11b RS422/485
<b>Options</b>				
Rewind	opt.	\$100 [\$595 Ext.]	\$465	opt. [in]
Peel-off	\$250	\$120	must purchase rew.	opt. w/ liner rewind
Cutter	\$795	\$953	\$900	opt.
Time / Date	\$99		Option	
Others	User upgradeable head			





6.4 M84Pro(3) Competitive Comparison – 300dpi

	SATO M84Pro(3)	Brady 300X-Plus	Brady 3481	Datamax DMX-I-4308	Novexx Chess 4/5	Novexx Puma Plus	Novexx Ocelot	Paxar 9850 Percheron™
List Price	\$2,995	\$4,295		\$2,295	Chess4: \$4095	\$3,999	\$2,999	\$2,395
<b>Print Features</b>								
TT, DT	DT/TT	DT/TT	DT/TT	DT/TT	DT/TT	DT/TT	DT/TT	DT/TT
Resolution	305 dpi	300 dpi	300 dpi	300 dpi	300 dpi	300 dpi	295 dpi	300 dpi
Max. Print Width	4.1" (104mm)	3.4" (86mm)	4.1" (104mm)	4.10" (104mm)	4.26"	4.2" (106.6mm)	4.16"/4.23"	4" (102mm)
Max. Length	32.8" (833mm)	39" (991mm)	99" (2475mm)	99" (2475mm)				13" (330mm)
Print Speeds	8 ips (203mm/s)	8 ips (203mm/s)	8 ips (203mm/s)	8 ips (203mm/s)	12 ips (305mm/s)	12 ips (305mm/s)	5 ips (127mm/s)	12 ips (305mm/s)
Media Type	roll / fanfold	roll	roll	roll / fanfold	roll / fanfold	roll / fanfold	roll / fanfold	roll
Roll O.D.	8.6" (218mm)	8" (203mm)	8" (203mm)	8" (203mm)	8.4"	8.3" (210mm)		8" (203mm)
Cabinetry	metal			metal	metal	metal	metal	plastic
<b>Memory</b>								
Standard	16MB RAM 2MB Flash	4MB RAM 1.5 Flash	16MB RAM 1MB Flash	16MB DRAM 2MB Flash	8MB RAM	2MB PCMCIA SRAM	2 x 2MB Cards	512K SRAM 8MB SDRAM 4MB Flash
Option	6MB Flash 16MB PCMCIA	up to 12MB	memory card	optional Flash \$195	32MB Flash Card			
Processor	32-Bit RISC/ 133Mhz	Dual 32-Bit	32-Bit	32-Bit/ 90 Mhz	64-BIT			32-Bit / 90MHz
<b>Interface</b>								
Standard	IEEE1284 RS232	Serial Parallel	RS-232/424	Serial IEEE1284	RS232/485 Parallel	RS232C Parallel	RS232C Parallel	RS232 IEEE1284
Option	Ethernet Twinax/Coax 802.11b USB	Twinax/Coax	Twinax/Coax Ethernet	Twinax/Coax \$1295 Ethernet \$495		RS485		Ethernet Twinax/Coax
<b>Options</b>								
Rewind	opt.	opt. [in] full roll	opt. [in]	\$200 [in.]	opt.	opt.	opt.	opt.
Peel-off	\$250	opt.	opt.	\$195	opt. dispenser		opt. dispenser	opt.
Cutter	\$795	opt.	opt.	\$595	opt.	opt.	opt.	opt.
Time / Date	\$99			\$225 /w GPIO*				
Others	User upgradeable head							







## SATO M84Pro Product Guide



	SATO M84Pro(3)	Paxar 9855™	Printronix T5304	Tec B-482	Tharo Apollo 2	Tharo A3 - 300	Zebra 90 Xilll Plus	Zebra 105SL™
List Price	\$2,995	N/A	\$2,995	\$3,295	\$3,495	\$2,195	\$4,295	\$2,695
<b>Print Features</b>								
TT, DT	DT/TT	DT/TT	DT/TT	DT/TT	DT/TT	DT/TT	DT/TT	DT/TT
Resolution	305 dpi	300 dpi	300 dpi	306 dpi	300 dpi	300 dpi	300 dpi	300 dpi
Max. Print Width	4.1" (104mm)	4" (102mm)	4.1" (104mm)	4.1" (104 mm)	4.2"	4.25" (108mm)	3.4" (86mm)	4.09" (104mm)
Max. Length	32.8" (833mm)	13" (330mm)		2700mm	21.5" (546mm)	27" (686mm)	39" (991mm)	65" (1651mm)
Print Speeds	8 ips (203mm/s)	12 ips (305mm/s)	8 ips (203mm/s)	up to 8 ips	2-8 ips	6 ips	8 ips (203mm/s)	up to 8 ips
Media Type	roll / fanfold	roll	roll / fanfold	roll / fanfold	roll / fanfold	roll / fanfold	roll	roll / fanfold
Roll O.D.	8.6" (218mm)	8" (203mm)	8" (203.2mm)	7.9" (200mm)	8" (200mm)	8" (203mm)	8" (203mm)	8" (203mm)
Cabinetry	metal	plastic	metal	metal	metal	plastic	metal	metal
<b>Memory</b>								
Standard	16MB RAM 2MB Flash	16MB SDRAM 4MB Flash	8MB DRAM 4MB Flash	4MB Flash 16MB DRAM	2MB RAM	8MB RAM 2MB Flash	16MB SDRAM 4MB Flash	6MB SDRAM 2MB Flash
Option	6MB Flash 16MB PCMCIA	16MB	16MB DRAM 10MB Flash	PCMCIA	PCMCIA	CF Type I - up to 64MB	Compact Flash - up to 1GB	8MB Flash PCMCIA
Processor	32-Bit RISC/ 133Mhz	32-Bit	32-bit	32-Bit		32-bit, 66MHz	32-Bit RISC/CISC	Dual 32-Bit
<b>Interface</b>								
Standard	IEEE1284 RS232	RS232 IEEE1284 USB	RS232 IEEE1284	RS232 Parallel	RS232/422/485 Parallel	RS232 IEEE1284 USB-master	RS232 IEEE1284 USB 2.0	RS232 IEEE1284
Option	Ethernet Twinax/Coax 802.11b USB	Ethernet Twinax/Coax 802.11b	Twinax/Coax Ethernet 802.11b	Twinax/Coax Ethernet		Twinax/Coax Ethernet USB – Slave RS422/485	Twinax/Coax Ethernet 802.11b RS422/485	Twinax/Coax Ethernet 802.11b RS422/485
<b>Options</b>								
Rewind	opt.	opt.	\$295		opt. [in/ex]	opt. [int. & ext.]	\$400	opt. [in]
Peel-off	\$250	opt.	std.	opt.	opt.	opt.	must purchase rew.	opt. w/ liner rewind
Cutter	\$795	opt.	\$995	opt.	opt.	opt.	\$750	opt.
Time / Date	\$99		std.		std.		Option	
Others	User upgradeable head							





**6.5 M84Pro(6) Competitive Comparison – 600dpi**

	SATO M84Pro(6)	Brady 600X-Plus	Brady 6441	Datamax DMX-I-4406	Datamax DMX-I-4604	Intermec EasyCoder 3240	Intermec EasyCoder 4440	Zebra 96 XIII Plus
List Price	\$3,695	\$4995		\$2,895	\$4,395	\$2,995	\$2,795	\$4,995
<b>Print Features</b>								
TT, DT	DT/TT	DT/TT	DT/TT	DT/TT	DT/TT	DT/TT	DT/TT	DT/TT
Resolution	609 dpi	600 dpi	600 dpi	406 dpi	600 dpi	406 dpi	406 dpi	600 dpi
Max. Print Width	4.1" (104mm)	3.2" (81.6mm)	4.16" (106mm)	4.16"	4.16"	2.5" (64mm)	4.4" (111.8mm)	3.2" (81mm)
Max. Length	14" (356mm)	39" (991mm)	55" (1397mm)	99" (2475mm)	99" (2475mm)	unlimited	unlimited	20" (508mm)
Print Speeds	6 ips (152mm/s)	4 ips (102mm/s)	4 ips (102mm/s)	6 ips (152mm/s)	4 ips (102mm/s)	4 ips (102mm/s)	8 ips (203mm/s)	4 ips (102mm/s)
Media Type	roll / fanfold	roll	roll	roll / fanfold	roll / fanfold	roll	roll / fanfold	roll
Roll O.D.	8.6" (218mm)	8" (203mm)	8.38" (213mm)	8" (203mm)	8" (203mm)	8.38" (212.8mm)		8" (203mm)
Cabinetry	metal		metal	metal	metal	metal	metal	metal
<b>Memory</b>								
Standard	16MB RAM 2MB Flash	12MB RAM 1.5 Flash	16MB RAM 2MB Flash	16MB DRAM 2MB Flash	16MB DRAM 2MB Flash	128K NVRAM	1MB DRAM 128k Flash	16MB SDRAM 4MB Flash
Option	6MB Flash 16MB PCMCIA	N/A	PCMCIA	Flash \$195	Flash \$195		8MB DRAM 16MB Flash	Compact Flash - up to 1GB
Processor	32-Bit RISC/ 133Mhz	Dual 32-Bit	32-Bit	32-Bit/ 90 Mhz	32-Bit/ 90 Mhz			32-Bit RISC/CISC
<b>Interface</b>								
Standard	IEEE1284 Parallel RS232	Serial Parallel	Serial Parallel	Serial IEEE1284	Serial IEEE1284	RS-232C	RS-232/422 Parallel	RS232 IEEE1284 USB 2.0
Option	Ethernet Twinax/Coax 802.11b USB	Twinax/Coax		Twinax/Coax \$1295 Ethernet \$495	Twinax/Coax \$1295 Ethernet \$495	Parallel Coax/Twinax Ethernet	Twinax/Coax Ethernet	Twinax/Coax Ethernet 802.11b RS422/485
<b>Options</b>								
Rewind	opt.	opt. [in] full roll	opt.	\$200 [in.]	\$200 [in.]	std. batch rewind		\$400
Peel-off	\$250	opt.	opt.	\$195	\$195	std.	opt.	must purchase rew.
Cutter	\$795		opt.	\$595	\$595		opt.	\$750
Time / Date	\$99			\$225 /w GPIO*	\$225 /w GPIO*			Option
Others	User upgradeable head							





## 7 Warranty and Maintenance Information

### 7.1 Warranty

- **General Coverage:**

SATO warrants the mechanism, printer electronics and power supply, under normal use and operation, to be free from defects in material and workmanship for a period of twelve (12) months from the date of purchase by the end user. Proof of purchase is required. If proof of purchase or product registration cannot be established, original shipment date from SATO America, Inc. will be used to establish the warranty period.

- **Printhead Coverage**

SATO warrants the printhead, under normal use and operation, to be free from defects in material and workmanship for a limited period of twelve (12) months from the date of purchase by the end user or 500,000 inches, whichever occurs first.

- **Return of Goods Under Warranty**

SATO America's policy in effect for returning in-warranty product;

A 'Return Material Authorization' (RMA) must be obtained from SATO America, Inc. before returning any product.

- **Spare Parts Availability**

Recommended spare parts are available for purchase. Please refer to the spare parts price list offered by SATO America, Inc.


**8 M84Pro Pricing**

<b>SATO M84Pro Pricing</b>		<b>ITEM #</b>	<b>MSRP</b>
<b>M84Pro(2)</b> 5" Printer; 4.1" Print Width; 203 dpi Print Resolution	IEEE1284 High-Speed Parallel	WM8420011	\$2,495.00
	RS232 High-Speed Serial	WM8420031	\$2,495.00
	Enhanced Ethernet	WM8420041	\$2,870.00
	Twinax/Coax	WM8420051	\$3,620.00
	Wireless 802.11b Print Server	WM8420081	\$2,965.00
<b>M84Pro(2) w/ Cutter</b> 5" Printer; 4.1" Print Width; 203 dpi Print Resolution	IEEE1284 High-Speed Parallel	WM8420111	\$3,290.00
	RS232 High-Speed Serial	WM8420131	\$3,290.00
	Enhanced Ethernet	WM8420141	\$3,665.00
	Twinax/Coax	WM8420151	\$4,415.00
	Wireless 802.11b Print Server	WM8420181	\$3,760.00
<b>M84Pro(2) with Dispenser</b> 5" Printer; 4.1" Print Width; 203 dpi Print Resolution	IEEE1284 High-Speed Parallel	WM8420211	\$2,745.00
	RS232 High-Speed Serial	WM8420231	\$2,745.00
	Enhanced Ethernet	WM8420241	\$3,120.00
	Twinax/Coax	WM8420251	\$3,870.00
	Wireless 802.11b Print Server	WM8420281	\$3,215.00
<b>M84Pro(3)</b> 5" Printer; 4.1" Print Width; 305 dpi Print Resolution	IEEE1284 High-Speed Parallel	WM8430011	\$2,995.00
	RS232 High-Speed Serial	WM8430031	\$2,995.00
	Enhanced Ethernet	WM8430041	\$3,370.00
	Twinax/Coax	WM8430051	\$4,120.00
	Wireless 802.11b Print Server	WM8430081	\$3,465.00
<b>M84Pro(3) with Cutter</b> 5" Printer; 4.1" Print Width; 305 dpi Print Resolution	IEEE1284 High-Speed Parallel	WM8430111	\$3,790.00
	RS232 High-Speed Serial	WM8430131	\$3,790.00
	Enhanced Ethernet	WM8430141	\$4,165.00
	Twinax/Coax	WM8430151	\$4,915.00
	Wireless 802.11b Print Server	WM8430181	\$4,260.00
<b>M84Pro(3) with Dispenser</b> 5" Printer; 4.1" Print Width; 305 dpi Print Resolution	IEEE1284 High-Speed Parallel	WM8430211	\$3,245.00
	RS232 High-Speed Serial	WM8430231	\$3,245.00
	Enhanced Ethernet	WM8430241	\$3,620.00
	Twinax/Coax	WM8430251	\$4,370.00
	Wireless 802.11b Print Server	WM8430281	\$3,715.00
<b>M84Pro(6)</b> 5" Printer; 4.1" Print Width; 609 dpi Print Resolution	IEEE1284 High-Speed Parallel	WM8460011	\$3,695.00
	RS232 High-Speed Serial	WM8460031	\$3,695.00
	Enhanced Ethernet	WM8460041	\$4,070.00
	Twinax/Coax	WM8460051	\$4,820.00
	Wireless 802.11b Print Server	WM8460081	\$4,040.00
<b>M84Pro(6) with Cutter</b> 5" Printer; 4.1" Print Width; 609 dpi Print Resolution	IEEE1284 High-Speed Parallel	WM8460111	\$4,490.00
	RS232 High-Speed Serial	WM8460131	\$4,490.00
	Enhanced Ethernet	WM8460141	\$4,865.00
	Twinax/Coax	WM8460151	\$5,615.00
	Wireless 802.11b Print Server	WM8460181	\$4,835.00
<b>M84Pro(6) with Dispenser</b> 5" Printer; 4.1" Print Width; 609 dpi Print Resolution	IEEE1284 High-Speed Parallel	WM8460211	\$3,945.00
	RS232 High-Speed Serial	WM8460231	\$3,945.00
	Enhanced Ethernet	WM8460241	\$4,320.00
	Twinax/Coax	WM8460251	\$5,070.00
	Wireless 802.11b Print Server	WM8460281	\$4,290.00

**8.1 M84Pro Accessories & Options**

<b>M84Pro Accessories</b> for M84Pro	Label Dispenser Kit	W08400261	\$250.00
	Real Time Clock Kit	CV617431A	\$99.00
	4 MB Flash Memory Kit	RJ7770300	\$195.00
	Memory Expansion Kit (PCMCIA card not included)	RJ4770100	\$195.00
	<b>Plug-In Interface Cards</b> for M84Pro	IEEE1284 High-Speed Parallel	WCL404070
RS232 High-Speed Serial		WCL404051	\$125.00
Enhanced Ethernet (incl. WPCPlus)		11S000158	\$500.00
Wireless 802.11b Print Server (incl. WPCPlus)		11S000162	\$595.00
Twinax/Coax Interface Card		11S000136	\$1,250.00
Enhanced USB Interface Card		WCL404060	\$125.00
RS422/485 Interface Card		RJ1772510	\$199.00
<b>Replacement Printheads</b> for M84Pro	M84Pro Printhead (4.1" - 203 dpi)	WM8400700	\$595.00
	M84Pro Printhead (4.1" - 305 dpi)	WM8400710	\$795.00
	M84Pro Printhead (4.1" - 609 dpi)	WM8400720	\$1,395.00


**8.2 M84Pro Spare Recommended Spare Parts**

Item #	Description	Recommended Qty. Per		Unit Price
		20 Units	100 Units	
RJ1771200	Main PCBA	2	5	\$945.00
KA500831A	Power Supply	2	5	\$589.00
WM8400700	Printhead (203 dpi)	2	5	\$595.00
WM8400710	Printhead (305 dpi)	2	5	\$795.00
WM8400720	Printhead (609 dpi)	2	5	\$1,395.00
RH1745700	LCD Panel Assembly	2	5	\$150.00
RJ2741000	Display/KB/DSW PCBA	1	3	\$329.00
RO0907001	Platen	2	5	\$145.00
PR7740200	Label Sensor Assembly	4	10	\$170.00

**8.3 M84Pro Media Pricing**

Label		Labels Per Roll	Rolls Per Case	Item #	Price	
Width	Length				Per roll	Per Case
<b>Direct Thermal For Industrial Printers</b>						
1.5"	1"	5800	8	53S002001	\$9.80	\$55.12
2"	1"	5800	8	53S002002	\$12.89	\$72.48
2"	2"	3000	8	53S002003	\$12.11	\$68.08
3"	1"	5800	4	53S002005	\$18.35	\$51.64
3"	2"	3000	4	53S002006	\$17.97	\$50.56
3"	3"	2000	4	53S002007	\$17.81	\$50.12
3"	5"	1200	4	53S002009	\$17.47	\$49.16
3.5"	1"	5800	4	53S002010	\$20.83	\$58.60
4"	2"	3000	4	53S002012	\$22.77	\$64.04
4"	3"	2000	4	53S002013	\$22.40	\$63.00
4"	4"	1600	4	53S002014	\$23.61	\$66.40
4"	6"	1000	4	53S002016	\$21.99	\$61.84
<b>Thermal Transfer For Industrial Printers</b>						
1.5"	1"	5800	8	53S001001	\$6.29	\$35.36
2"	1"	5800	8	53S001002	\$7.63	\$42.96
2"	2"	3000	8	53S001003	\$7.68	\$43.20
2.5"	1.5"	4000	8	53S001004	\$9.24	\$52.00
3"	1"	5800	4	53S001005	\$11.45	\$32.20
3"	2"	3000	4	53S001006	\$10.83	\$30.44
3"	3"	2000	4	53S001007	\$10.81	\$30.40
3"	5"	1200	4	53S001009	\$10.30	\$29.00
3.5"	1"	5800	4	53S001010	\$12.99	\$36.56
4"	1"	5800	4	53S001011	\$14.23	\$40.04
4"	2"	3000	4	53S001012	\$13.65	\$38.40
4"	3"	2000	4	53S001013	\$13.30	\$37.40
4"	4"	1600	4	53S001014	\$13.99	\$39.36
4"	5"	1200	4	53S001015	\$13.50	\$38.00
4"	6"	1000	4	53S001016	\$9.05	\$33.20
4"	6.5"	900	4	53S001017	\$12.64	\$35.56
6"	4"	1600	4	53S001021	\$21.36	\$60.08
6"	8"	750	4	53S001023	\$19.59	\$55.08



8.4 M84Pro Synthetic Media

Label		Labels Per Roll	Rolls Per Case	Item #	Price	
Width	Length				Per roll	Per Case
<b>SF100 (Polypropylene Film) For Industrial Printers</b>						
1.75"	0.75"	7500	8	53S005101	\$14.93	\$84.00
2"	1"	5800	8	53S005122	\$16.39	\$92.24
3"	1"	5800	4	53S005102	\$24.64	\$69.32
3"	2"	3000	4	53S005107	\$24.11	\$67.80
4"	4"	1600	4	53S005114	\$31.89	\$89.68
6"	8"	750	4	53S005124	\$43.96	\$123.64
<b>SF200 (Polyolefin Film) For Industrial Printers</b>						
1.75"	0.75"	7500	8	53S005201	\$20.27	\$114.00
2"	1"	5800	8	53S005222	\$22.27	\$125.28
3.5"	1"	5800	4	53S005210	\$38.05	\$107.00
4"	2"	3000	4	53S005212	\$41.71	\$117.32
4"	4"	1600	4	53S005214	\$43.24	\$121.60
4"	6"	1000	4	53S005216	\$40.28	\$113.32
<b>SF300 (White Polyester Film) For Industrial Printers</b>						
1.75"	0.75"	7500	8	53S005301	\$36.53	\$205.52
2"	1"	5800	8	53S005322	\$40.83	\$229.68
2"	2"	3000	8	53S005305	\$40.00	\$225.04
3"	1"	5800	4	53S005302	\$61.14	\$171.96
3"	2"	3000	4	53S005307	\$59.89	\$168.44
3"	3"	2000	4	53S005308	\$58.63	\$164.92
3"	5"	1200	4	53S005309	\$57.73	\$162.36
4"	3"	2000	4	53S005313	\$75.77	\$213.12
4"	4"	1600	4	53S005314	\$79.79	\$224.40
4"	6"	1000	4	53S005316	\$74.36	\$209.16

• Call for Information on SATO Matte Silver Polyester Film Labels! •

8.5 M84Pro Ribbons

Item#	Size		Rolls Per Case	Price	
	(Width x Length)			Per roll	Per roll
<b>PREMIER™ I (Resin) For SATO Industrial Printers</b>					
12S000100	1.5" x 1345'	(38mm x 410m)	50	\$11.07	\$455.50
12S000101	2.0" x 1345'	(50.8mm x 410m)	50	\$14.76	\$607.50
12S000103	3.0" x 1345'	(76mm x 410m)	25	\$22.13	\$455.75
12S000104	3.75" x 1345'	(95.3mm x 410m)	25	\$27.67	\$569.75
12S000105	4.3" x 1345'	(110mm x 410m)	25	\$31.73	\$653.25
12S000106	5.0" x 1345'	(127mm x 410m)	25	\$36.89	\$759.50
12S000151	6.75" x 1345'	(171mm x 410m)	25	\$49.80	\$1,025.25
<b>PREMIER™ II (Wax/Resin) For SATO Industrial Printers</b>					
12S000108	1.5" x 1345'	(38mm x 410m)	50	\$5.88	\$242.00
12S000109	2.0" x 1345'	(50.8mm x 410m)	50	\$7.84	\$323.00
12S000110	3.0" x 1345'	(76mm x 410m)	25	\$11.76	\$242.00
12S000111	3.75" x 1345'	(95.3mm x 410m)	25	\$14.70	\$302.75
12S000112	4.3" x 1345'	(110mm x 410m)	25	\$16.85	\$347.00
12S000113	5.0" x 1345'	(127mm x 410m)	25	\$19.60	\$403.50
12S000152	6.75" x 1345'	(171mm x 410m)	25	\$26.46	\$544.75
<b>STANDARD (General Purpose Wax) For SATO Industrial Printers</b>					
12S000154	1.5" x 1345'	(38mm x 410m)	48	\$2.89	\$114.24
12S000155	2.0" x 1345'	(50.8mm x 410m)	36	\$3.85	\$114.12
12S000156	3.0" x 1345'	(76mm x 410m)	24	\$5.78	\$114.24
12S000160	3.75" x 1345'	(95.3mm x 410m)	24	\$7.22	\$142.80
12S000157	4.3" x 1345'	(110mm x 410m)	24	\$8.28	\$163.68
12S000158	5.0" x 1345'	(127mm x 410m)	24	\$9.63	\$190.32
12S000159	6.75" x 1345'	(171mm x 410m)	12	\$13.00	\$128.40