



M84 PRO



M84 Pro – for the most demanding of applications.

The M84Pro is a label printer which offers the best of everything – the most robust design build, the fastest data processing, and the highest of print qualities.

- ✓ **User changeable print resolution**
- ✓ **203/305/609 dpi resolution**
- ✓ **Industry leading throughput**
- ✓ **Heavy-duty industrial construction**
- ✓ **Windows compatible**
- ✓ **Powerful memory**
- ✓ **Easy connectivity**
- ✓ **User friendly**

Outstanding Print Quality – Producing images with a resolution of up to 609 dpi, it's possible to print bar codes, text and fine detailed graphics with clarity and precision.

High Speed – The Pro Series has set new benchmarks in label throughput. The SH3 RISC processor ensures fast data transmission and almost instantaneous throughput.

Effortless – Designed with the operator in mind, the easily readable LCD display is available in a selection of languages.

Easy Connectivity – With a wide range of standard plug-in interfaces to choose from, the M84Pro connects to almost every system.

Durable – For the toughest of industrial environments, the all-metal casing endures harsh knocks and resists dust and dirt.

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

Memory:

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

Processor:

- 32-BIT RISC, 118Mhz

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.

Human Readable Fonts:

12 proportional, mono-spaced and outline fonts. Code page 858, others available. Internal CG Triumvirate® and CG Times® fonts plus downloaded TrueType® fonts, scalable from 8 to 72 points.

Modular Interfaces:

- ECP Parallel - IEEE1284
- Centronics parallel
- RS232C (2,400 - 19,200 Baud)
- RS232C highspeed up to 57,600 baud
- USB (12Mbit/s)
- LAN (TCP/IP protocol 10/100BaseT)
- Twinax/Coax
- RS422/485
- Wireless LAN 802.11b

Bar Code 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, RSS-14

Bar Code:

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

Flexibility:

360° rotation of bar codes 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

Sales support

If you would like to discuss your needs in more detail or arrange a demonstration, please contact our sales team:

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SATO makes no guarantee that the above features are available in all models, and specifications are liable to change, without notice.