



# M84Pro

## M84Pro - 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 barcodes, 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.



## M84Pro

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

### Memory:

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

### Processor:

32-BIT RISC, 118 Mhz

### 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.

### 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

### 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, RSS-14

### 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 page 858, others available. 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