



## M-5900Rve - Direct Thermal Printer

- Long Life Print Head
- High Reliability, Low Maintenance
- 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

The M-5900Rve uses the latest RISC processor technology to significantly improve throughput and imaging response time. The new M-5900Rve is in a class by itself, it is not a just thermal transfer printer with the ribbon mechanism removed, but designed from the start for industrial direct thermal applications.

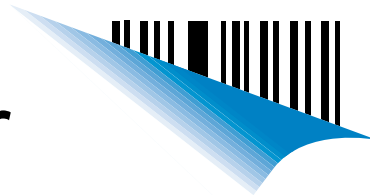
**Long Life Printhead** - The M-5900Rve incorporates a printhead designed for long life direct thermal printing. Its warranty and life expectancy are many times the typical industry standards. With a warranty of one year or two million linear inches and expected life of up to 4 million inches, printhead replacement cost savings alone, will more than pay for the printer, when compared to other printers available.

**Memory** - The M-5900Rve printer comes 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 M-5900R<sub>V</sub>e Printer



## M-5900R<sub>V</sub>e

Printing Method	Direct Thermal
Print Resolution	203 dpi (8 dots/mm)
Print Speed	Up to 4.7" (120 mm) per second
Max. Print Width	4.4" (112 mm)
Max. Print Length	14" (330 mm)
Media Size	Min: 0.98" (25 mm) W x 0.5" (12.7 mm) L Max: 5.15" (128 mm) W x 49.2" (1249 mm) L
Dimensions	10" W x 12.6" D x 10" H (260 mm W x 320 mm D x 260 mm H)
Weight	21 lbs (9.5 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. Tag stock with punched feed slot for "see through" sensing. Continuous stock using software control.  
Max. Caliper: 0.01" (0.25 mm)  
Max Roll Diameter: 6" (152 mm)  
Wind: Face-In

### Sensing:

Transmissive sensor for die cut labels and tags. Reflective sensor for use with preprinted sensing marks. 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%)  
50 Watt Idling/300 Watt Operating

### 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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