



M-5900Rve - Direct Thermal High-Speed Printer

- Long Life Printhead
- High Reliability, Low Maintenance
- Industry Leading Throughput
- Heavy-Duty Industrial Construction
- Plug-In I/F Modules
- TrueType® Font Capability
- 21 Barcodes incl. 2-D
- 18 MB Memory Std. w/Optional Expansion

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 just a 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!

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-5900RVe Printer



M-5900RVe

Printing Method	Direct Thermal
Print Resolution	203 dpi (8 dots/mm)
Print Speed	Up to 6" (125 mm) per second
Max. Print Width	4.4" (112 mm)
Max. Print Length	49.2" (1249 mm) L
Media Size	Min: 1.46" (37 mm) W x 0.5" (12.7 mm) L Max: 5.15" (128 mm) W x 49.2" (1249 mm) L
Dimensions	10.28" W x 12.67" D x 11.23" H (261 mm W x 322 mm D x 285 mm H)
Weight	22.7 lbs (10.3 kg)

Memory:

18 MB Std. Memory with RAM
up to 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 or prined sensing marks. Continuous stock using software control.

Max. Caliper: 0.008" (0.21 mm)
Max Roll Diameter: 6" (152 mm)
Wind: Face-In

Sensing:

Adjustable 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 Symbologies:

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/230V (± 10%), 50/60 Hz (± 1%)
Peak 190VA 150W (Standby 30VA 20W)

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:

UL, CCC, TÜV, FCC Class B

Options:

Label Cutter, Label Dispenser, Real Time Clock, Memory Expansion, Rewinder

Memory Expansion



Plug-In Interface Modules



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