



# M5900Rve

## The Direct Thermal Printing Expert - SATO's M5900Rve

The M5900Rve offers direct thermal printing exclusively. Without the need for carbon ribbon, money and installation time are saved, ensuring economical printing. With a robust design and the enhanced processor, the M5900Rve is ideal for industrial use, where speed, quality and durability are demanded.

- ✓ *Direct Thermal*
- ✓ *Industrial Durability*
- ✓ *High Speed Throughput!*
- ✓ *Multilingual Display*
- ✓ *Powerful Memory*
- ✓ *Windows® Compatible*

**Enhanced** - Offering high-speed data transmission and unrivalled processing power, the M5900Rve printers will handle your label designs with speed and ease. Whether text, barcodes or graphics, quality printing is assured.

**Robust** - A robust construction, designed for industrial surroundings, makes the M5900Rve ideal in countless surroundings, from logistics, production, warehousing to retail.

**Flexible** - Compatible with Windows®, users have the choice of printing from any Windows® based applications, using the SATO SBPL programming language or printing from a label design software program.

**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 M5900Rve connects to almost every system.



## M5900Rve

<b>Printing Method</b>	Direct Thermal
<b>Print Resolution</b>	8 dots/mm (203 dpi)
<b>Print Speed</b>	50 / 75 / 100 / 125 / 150 mm/sec
<b>Max. Print Width</b>	112 mm (4.4")
<b>Max. Print Length</b>	1249 mm (49")
<b>Media Size</b>	Min. 37 mm (1.45") W x 25 mm (1") L with liner 40mm (1.6" W x 28 mm (1.1") L Max. 128 mm (5") W x 356 mm (14") L with liner: 131 mm (5.1") W x 359 mm (14.1") L
<b>Dimensions</b>	261mm (10.3) W x 322 mm (12.6") D x 285 mm (11.2") H
<b>Weight</b>	10,3kg (22.7 lbs)

### Memory:

18 MB Standard with RAM storage for special characters  
4 MB Flash Memory Module - Opt.  
16 MB PCMCIA-Opt.

### Processor:

32-BIT RISC

### Media:

Top or Semi-Coated Die-Cut Labels;  
Tag Stock and Fan Fold Stock  
Max. Caliper: 0.25mm (0.01")  
Max Roll Diameter: 150 mm (5.9")  
Inner Diameter of Core:  
40/76.2mm (1.5"/3")  
Wind: Face-In

### Sensing:

Reflective sensor (l-mark),  
See-through sensor (Gap)

### Plug-In Interfaces Modules

- ECP Parallel - IEEE1284
- Centronics parallel
- RS232C (2400-19,200 Baud)
- RS232C highspeed (9,600-57,600 baud)
- USB (12Mbit/s)
- LAN (TCP/IP protocol 10/100BaseT)
- Twinax/Coax
- RS422/585
- Wireless LAN 802.11b

### Barcode Symbolologies:

Linear: : EAN-8, EAN-13, UPC-A, UPC-E, Bookland, ITF, Code 39, UCC/EAN 128, Code 93, Code 128, Industrial 2 of 5, Matrix 2 of 5, Postnet  
2-Dimensional: PDF 417, Micro PDF 417, QR Code, Maxicode, Data Matrix, VeriCode, RSS-14

### Barcode:

2:1, 3:1, 5:2 ratio and programmable height

### Human Readable Fonts:

112 proportional, mono-spaced and outline fonts. Internal CG Triumvirate® and CG Times® fonts plus downloaded True Type® fonts, Code page 858 (others available)

### Flexibility:

0°, 90°, 180°, 270° rotation of characters.

### Self Diagnosis Check Features

Head Check/Paper End/Head Open/  
Memory Card Error Test Print

### AC Power:

AC 115V / 230V (±10%)

### Environmental:

Operating: 5°C - 40°C (41°F - 104°F)  
20% - 80% RH, non-condensing  
Storage: -5°C - 60°C (23 °F-140 °F)  
20% - 90% RH, non-condensing

### Approvals:

CE, TÜV, UL, (CUL), FCC class B

### Options:

Label Cutter, Label Dispenser,  
Unwinder, Rewinder, PCMCIA Memory  
Expansion, Flash ROM Memory expansion,  
Real Time Clock, SMART  
Keyboard

