



# M5900Rve

## FEATURES

- /// Direct thermal
- /// High speed interface
- /// 32 bit RISC processor
- /// Heavy duty construction

## APPLICATIONS

- /// Compliance Labeling
- /// Shipping/Receiving
- /// WMS
- /// Retail Labeling
- /// Ticketing

PRINTING SPECIFICATION		
Printing Method	Direct Transfer	
Print Resolution, dots/mm (dpi)	8 dots/mm (203dpi)	
Max. Print Area	Width, mm (inch)	112mm (4.4")
	Length, mm (inch)	1249mm (49.2")
Print Speed, mm/sec (ips)	Up to 150mm/sec (6ips)	
CPU	32 bit RISC	
Printer Memory	18MB Standard with RAM storage for special characters, 4MB Flash Memory Module (option), 16MB PCMCIA (option)	

CONSUMABLES SPECIFICATION (Recommended to use printer supplies manufactured or certified by SATO)			
Sensor Type	I-Mark Sensor (Reflective), Label Gap Sensor (Transmissive)		
Media Type	Roll or fan-fold die cut labels, Plain paper face stock, Synthetics and Continuous stock		
Media Thickness	0.08 – 0.21mm (0.003" – 0.01")		
Label Shape	Diameter	Max. outside diameter: 6 inch, core diameter: Ø 38.1mm (1.5") or Ø 76.2mm (3")	
	Wind Direction	Face-in	
Label Size	Continuous	Width	37 – 128mm (1.46" – 5.04")
		Length	25 – 1249mm (0.99" – 49.17")
	Tear-Off	Width	37 – 128mm (1.46" – 5.04")
		Length	25 – 1249mm (0.99" – 49.17")
	Cutter	Width	37 – 128mm (1.46" – 5.04")
		Length	25 – 1249mm (0.99" – 49.17")
	Dispenser	Width	37 – 128mm (1.46" – 5.04")
		Length	25 – 1249mm (0.99" – 49.17")

FONTS / SYMBOLOGIE		
Fonts	Standard Fonts	Bitmap Fonts Alphanumerical and Symbol: WB (18x30 dot), WL (28x52 dot), XU (5x9 dot), XS (17x17 dot), XM (24x24 dot), XB (48x48 dot), XL (48x48 dot), OCR-A (15x22 dot), OCR-A (22x23 dot), OCR-B (20x24 dot), OCR-B (30x36 dot)
	Rasterized Fonts	CG Times, CG Triumvirate
Barcode	1D Barcode	UPC-A/E, JAN/EAN-8/13, Code 39, Code 128, GS1-128 (UCC /EAN128), Codabar (NW-7), Interleaved 2 of 5, Bookland (2/5 char add-on code), GS1 Databar (RSS14), Composite JAN/EAN-8/13; Composite UPC A/E; Composite GS1 128/CC
	2D Barcode	PDF417 (Ver2.4), MAXI Code (Ver3.0), QR Code, GS1 Data Matrix (ECC200)
Print Rotation	Character Data / Barcode	0°, 90°, 180°, 270°

COMMUNICATION INTERFACES	
Optional Plug-in Interface	IEEE1284, Centronics parallel, RS232C (2400-19,200 Baud), RS232C highspeed (9,600-57,600 baud), USB (12Mbit/s), LAN (TCP/IP protocol 10/100BaseT), Wireless LAN 802.11b/g

OPERATING CHARACTERISTICS		
Power Requirements	Input Voltage AC 200-240V (Optional 100-120V)/150W (peak)	
Environment	Operating	5° – 40°C (41° – 104°F) 15-85% RH, non-condensing
	Storage	-5° – 60°C (23° – 140°F) max. 90% RH, non-condensing
ESD	8kV	
Dimension	261mm W x 322mm D x 285mm H (10.28"W x 12.67"D x 11.23" H)	
Weight	10.3kg (22.7lbs)	

MISCELLANEOUS		
Certifications	FCC, UL, CSA, CCC, CE, ROHS compliant	
Function	Useful Features	Hex dump, Custom character design, Sequential numbering, Form storage and recall for faster data retrieving of complex format, Applicator interface
	Self Diagnosis Checking	Head check, Paper end detection, Near-end detection (remaining 15 – 30m), Auto sensing for continuous forms, Memory card error detection, Auto print head detection, Test print

OPTIONS	
Accessories	Cutter, Dispenser, PCMCIA Memory Expansion, Flash ROM Memory Expansion, Real-Time Clock, Rewinder, Unwinder, SATO Smart Keyboard, SATO Label Gallery™

SATO makes no guarantee that the above features are available in all models, and specifications are liable to change, without notice. Version 09/11. \* Measurements are approximate values.