

## On-line Labelling Modules - SATO M 84Se



# S Series

#1 Choice in Print Engine

### S Series

M 8459Se

M 8460Se

M 8485Se

M 8490Se

- High Speed Throughput
- Heavy Duty Durability
- 4 and 6 inch Print Width
- Multilingual Display
- Easy Connectivity
- Powerful Memory
- Windows ® Compatible

# M8459Se/ M8490Se/ M8485Se/ M8460Se

General Specifications:



The #1 Choice  
for Print Engine

		M8459Se	M8490Se	M8485Se	M8460Se
<b>Print Method</b>		Direct Thermal / Left Hand	Direct Thermal, Thermal Transfer / Left Hand, Right Hand		
<b>Print Resolution</b>		203dpi (8dppm)	305dpi (12dppm)	203dpi (8dppm)	203dpi (8dppm)
<b>Max Print Area</b>		W112mm x L1249mm (W4.4" x L49.2")	W112mm x L1249mm (W4.4" x L49.2")	W128mm x L1249mm (W5.0" x L49.2")	W152mm x L1249mm (W6" x L49.2")
<b>Print Speed</b>		Up to 125mm/sec (5ips)	Up to 200mm/sec (8ips)	Up to 300mm/sec (12ips)	Up to 200mm/sec (8ips)
<b>Media Size</b>	Width	22 - 131mm (0.86 - 5.0") (Web) 25 - 134mm (0.98 - 5.3")			50 - 162mm (1.96 - 6.38") (Web) 53 - 165mm (2 - 6.5")
	Length	15 - 356mm (0.59-14") [Web: 18 - 359mm (0.71 - 14.13")]			
	Thickness	Continuous: 0.1 - 0.25mm (0.003 - 0.009"); Dispense: 0.1 - 0.18mm (0.003 - 0.007")			
<b>Ribbon</b>	Size	W131mm x L450M (5.16" x 1476")			
	Thickness & Type	4.5 micron, Wound Face-In, Black & Coloured			
<b>Sensor Type</b>		Reflective sensor for use with pre-printed eye-marks (bottom reading, fixed) / See-through Sensor (Gap), Movable			
<b>Processor</b>		32-Bit RISC, 118MHz			
<b>Memory</b>	Standard	2.9Mb Input Buffer; 2Mb Flash Memory			
	Expansion (Opt)	Internal: 4Mb Flash Memory SIMM Card / External: up to 4MB S-RAM			
<b>Interface Choices</b>		ECP Parallel (IEEE1284); Centronics Parallel, RS232C (2,400 - 19,200 Baud); RS232C Highspeed (9,600 - 57,600 Baud); USB (12Mbit/s); LAN (TCP/IP protocol 10/100 BaseT); Twinax/Coax, RS422/485; Wireless LAN 802.11b			
<b>Barcode Symbologies</b>	Elementary	UPC-A/E, EAN 8/13, CODE 39, 93 & 128, UCC/EAN 128, Interleaved 2/5, Industrial 2/5, Matrix 2/5, Codabar, MSI, Bookland, Postnet			
	2-D	Data Matrix, Maxicode, PDF417, QR-Code, RSS-14			
	Barcode	Ratio: 1:2, 1:3, 2:5; Height: 4 - 600 dots; Width: User Definable			
<b>Barcode Rotation</b>		0°, 90°, 180°, 270°			
<b>Matrix Fonts</b>	Internal Font	XU 5x9, XS 17x17, XM 24x24, XB 48x48, XL 48x48			
		OCR-A 15x22, CCR-B 20x24	OCR-A 22x23, OCR-B 30x36	OCR-A 15x22, OCR-B 20x24	OCR-A 15x22, OCR-B 20x24
<b>Graphic Support</b>		SATO Hex/Binary, .PCX Format & BMP Format			
<b>Functions</b>	Useful Features	Status Report, Graphics, Sequential Numbering, Form Overlay Store, Customised Design Character, Font Decoration, Reverse Image, Line Print, Hex Dump Print, Format Store, Outline, Outline Variation, Label Skip, Zero Slash Switchover			
		Head Check, Paper End Detection, Ribbon-End Detection, Ribbon Near-End Detection (Remaining 30m-15m detection), Head Open Detection, Cover Open Detection, Memory Card Error Detection, Test Print			
	Self-Diagnosis Checking	Head Open Detection, Cover Open Detection, Memory Card Error Detection, Test Print			
<b>Flexibility</b>		Character expansion in 12 steps Vertically & Horizontally; RAM Storage for Special Characters; Full Dot Addressable Graphics; Sequential Numbering for Numbers & Barcodes; Form Overlay for High-Speed Editing of Complex Formats, Real Time Clock in Text & Barcode			
<b>Physical</b>	Dimension	W265 x D417 x H302mm (W10 x D16.4 x H11.9")			W265 x D455 x H302mm (W10 x D17.9 x H11.9")
	Weight	11.5Kg (25lb.)			12.5Kg (28lb.)
<b>Power Requirements</b>		110-120V / 200-240V, 50/60Hz; Idling: 50W; Operating: Max 700W			
<b>Environment</b>	Operating	5-40°C (41-104°F) non-condensing, 15-85% RH			
	Storage	-20-40°C (-4-104°F) non-condensing, Max 90% RH, ESD: 8kV			
<b>Regulatory Approvals</b>		CE, TUV-GS, UL, CSA			
<b>Options</b>		Memory Expansion, Keyboard			

**Contact** For more information about SATO around the globe, visit [www.satoworldwide.com](http://www.satoworldwide.com)

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