



State of the art Print Engine



1000-m Ribbon

S84 Series

UNIQUE FEATURES

- Print resolution up to 609dpi
- Fast speed up to 400mm/sec
- Backlit icon-driven programmable display
- 1000-m ribbon
- Handles complex label formats
- Multiple host communication options
- Works with SBPL, SATO's industry-leading programming language
- Bi-directional Ribbon Drive

INDUSTRY VERTICALS

- Manufacturing
- Logistics and Distribution
- Supply Chain

APPLICATIONS

- Food Labelling
- Bottling Labelling
- Compliance Labelling
- Shipping Label
- Receiving / Picking / Put-away Label
- Packaging Label

Easily Integrated into Print and Apply System ▶

Heavy Duty Construction ▶

Tool-less Replacement of Part (print head and platen roller) ▶

User-configurable Ribbon Wound: face-in or face-out ▶

General Specifications

S8408/8412/S8424



PRINTER MODEL

S8408**S8412****S8424**

PRINTING SPECIFICATIONS

Print Method		Thermal Transfer/Direct Thermal		
Print Resolution		8dots/mm (203dpi)	12dots/mm (305dpi)	24dots/mm (609dpi)
Print Speed		4 to 16 ips	4 to 14 ips	2 to 6 ips
Max. Print Area	Width	104mm (4.09")	104mm (4.09")	104mm (4.09")
	Length	2500mm (98.4")	1500mm (59.0")	400mm (15.7")

MEDIA SPECIFICATIONS

Sensor Type		Adjustable Gap (See-through) Sensor Reflective Sensor		
Media Type		Die-Cut labels, plain paper facestock & synthetics		
Media Size	Width	10 – 128mm (13 – 131mm with backing paper)		
	Length	Min 9mm (incl. 3mm gap) in continuous mode		
	Thickness	0.05mm - 0.31mm (0.002" - 0.012")		
Ribbon	Width	25mm - 128mm (0.98" – 5.0")		
	Length (Max.)	1,000m (3,280")		
Ribbon Saving		Factory installed option		
Ribbon Cassette (Quick-Change)		Factory installed option (uses std. ribbon)		

MEMORY/PROCESSING

Processor	32-bit RISC
Flash ROM	4MB
SDRAM	16MB
Optional Memory	Compact Flash
Real Time Clock	Standard

COMMUNICATION INTERFACES

Plug in Interface Cards	RS232C, IEEE1284, USB, LAN, Wireless LAN (802.11b), RS422/485, Centronics
External Connector	Standard: 14-Pin Centronics style connector Optional: 25-pin D-sub

FONTS/BARCODE SYMBOLOGIES

Internal Fonts	XU, XS, XM, XB, XL, Outline, OCR-A, OCR-B
Internal Raster Fonts	CG Times, CG Triumvirate
1D Barcode	UPC-A/E, JAN/EAN-8/13, UCC/EAN-128, Interleaved 2 of 5, Code 39, Code 93, Code 128, Industrial 2/5 Matrix 2 of 5, RSS-14, NW-7 (Codabar), POSTNET, MSI, Bookland
2D Barcode	Data Matrix, PDF417, Maxicode, QR Code, Composite Symbology

OPERATING & ENVIRONMENTAL

Front Panel		Graphic LCD panel (128 x 64 dots)
Power Requirements		100 - 240 VAC; 50/60 Hz; Auto-Switching; 220W
Environment	Operating	41° - 104°F (5° - 40°C); 15% - 85% RH, non-condensing
	Storage	0° - 140°F (-20° - 60°C); 15% - 85% RH, non-condensing
Dimensions		9.7"(W) x 16.1"(D) x 11.8"(H), (245 (W) x 408 (D) x 300 (H) mm)
Weight		16kg (Standard Configuration)
Regulatory Approvals		CE, TÜV, UL, CSA, FCC Class B, CCC

ACCESSORIES & OPTIONS

Linerless Kit, Top I-Mark Sensor Kit, Ribbon Cassette Kit

Contact For more information about SATO around the globe, visit www.sato-worldwide.com

AMERICAS

10350A Nations Ford Road Charlotte, NC
28273
Tel: (704) 644-1650
Fax: (704) 644-1662
E: satosales@satoamerica.com

ASIA PACIFIC & OCEANIA

438B, Alexandra Road,
#09-01/02, Alexandra Technopark
Singapore 119968
Tel: (65) 6271-5300
Fax: (65) 6273-6011
E: sales@satoasiapacific.com

EUROPE

Lambroekstraat 5A, 1831 Diegem, Belgium
Tel: (32) 2 719 03 90
Fax: (32) 2 719 03 99
E: info@be.satoeurope.com

For sales & general enquiries: sales@satogbs.com