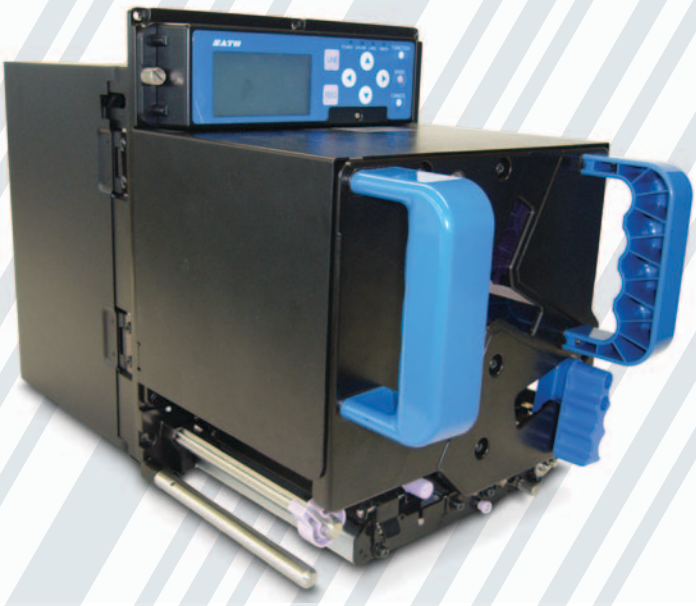
DCS & Labelling Worldwide





S84 Series

OEM PRINT ENGINE

FEATURES

- Large LCD display
- 203, 305 and 609 dpi
- Up to 104mm print width
- 1,000m ribbon capacity
- Heavy duty industrial design
- Ribbon saver function
- Optional quick change ribbon cassette
- 16 ips print speed
- Easy maintenance
- RFID Ready

APPLICATIONS

- Manufacturing
- Food
- Bottling
- Distribution
- Warehouse
- Transport
- Postal Services

TECHNICAL INFORMATION

S8408 / S8412 / S8424

PRINTING SPECIFICATION		S8408	S8412	S8424
Print Method	Thermal Transfer	/	/	/
	Direct Thermal	/	/	/
Print Resolution, dots/mm (dpi)		8 dots/mm, (203dpi)	12 dots/mm, (305dpi)	24 dots/mm, (609dpi)
Max. Print Area	Width, mm (inch)	104mm (4.09")	104mm (4.09")	104mm (4.09")
	Length, mm (inch)	2,500mm (98.4")	1,500mm (59.0")	400mm (15.7")
Print Speed, mm/sec (ips)		Up to 300mm/sec	Up to 200mm/sec	Up to 125mm/sec

CONSUMABLES SPECIFICATION (Recommended to use printer supplies manufactured or certified by SATO)		
Sensor Type		Adjustable Gap (See-through) Sensor, Reflective Sensor
Media Type		Roll Die-Cut Labels, paper face stock and synthetics
Media Size	Width (inc. Liner)	13mm - 131mm (0.5" – 5.15")
	Length	15mm (0.6") to Max. Print Area
	Thickness	0.05mm - 0.31mm (0.002" - 0.012")
Ribbon	Width	25mm - 128mm (0.98" – 5.0")
	Length	1,000m (Max. 3,280')
	Core	Ø 25.4mm (1")
	Wind direction	Face-in/out
Ribbon Saving		Factory Option
Ribbon Cassette (Quick Change)		Factory Option (uses std. ribbon)

MEMORY/PROCESSING	
Processor	32-bit RISC
Memory	4 MB Flash ROM, 16 MB SDRAM, Optional Compact Flash
Receive Buffer	2.95 MB max.
Real Time Clock	Standard

FONTS / SYMBOLOGIES		
Fonts	Standard Fonts	XU, XS, XM, XB, XL, Outline, OCR-A, OCR-B
	Rasterized Fonts	CG Times (Serif), CG Triumvirate (San Serif)
Barcode	1D Barcode	UPC-A/E, EAN-8, EAN-13, Code 39, Code 93, Code 128, Codabar, MSI, Bookland, Industrial 2/5, Interleaved 2/5, Matrix 2/5, Postnet™, GS1-128, GS1-DataBar™, Intelligent Mail® Barcode (IMB)
	2D Barcode	PDF417, Micro PDF417, Truncated PDF417, Maxicode™, Data Matrix, QR Code, Composite Symbology

COMMUNICATION INTERFACES	
I/F-1 (PCI Bus):	1 per printer: RS232C (9-pin); USB; Ethernet
I/F-2 (Std. Interface):	1 per printer: IEEE1284 (Parallel); RS232C (25-pin); USB; Ethernet (10BaseT/100BaseTX auto-switching); Wireless LAN (802.11g); RS422/485
EXT Port (Applicator Interface)	14-Pin Centronics style connector (Amphenol) (opt. 25-pin D-sub)

OPERATING CHARACTERISTICS		
Power Requirements		100 - 240 VAC (+/- 10%); 50/60 Hz; Auto-Switching
Dimensions		245mm (9.7") W x 408mm (16.1") D x 300mm (11.8") H
Weight		16.0 kg Standard Configuration
Environment	Operating	5° - 40°C; 15% - 85% RH, non-condensing
	Storage	-20° - 60°C; 15% - 85% RH, non-condensing

CERTIFICATIONS	
	CE, MET, FCC, CCC, RoHs Compliant

RFID SPECIFICATION (optional)		
UHF	Standard	ISO/IEC 18.000-6
	Frequency	868MHz
	Protocols	EPC Gen 2
RFID Features		Fully integrated UHF RFID Reader / Encoder Module, RFID calibration function for optimal transponder performance, Void marking of damaged or unreadable Transponders, RFID data verification after programming, Multiple RFID power settings allow users to use individual Transponder sizes, DIP (Direct Inlay Printing) allows to use short pitch labels down 4mm, PWP function allows flexible Inlay positions, TID reading and printing as text and Barcode
Gen2 Memory		Expanded EPC (240bit), User Memory (512bit), TID (64bit), Access password (16bit), Kill password (16bit), Lock

SATO makes no guarantee that the above features are available in all models, and specifications are liable to change, without notice. Version 02/12. * Measurements are approximate values.

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Label printers



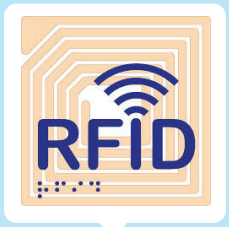
Barcode readers



Data terminals & PDA



PVC card printers



RFID



Consumables
(labels, ribbons, PVC cards)

All Brands Technical Service

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