

OEM Solutions

The “Standard” for all automatic print & apply Labeling



M8459Se - Direct Thermal OEM Printer

The industrial OEM high-speed printers are ideal for a range of applications, including:

-  **Compliance Labeling**
-  **Warehouse Logistics**
-  **Pallet Tracking**
-  **Retail Labeling**
-  **Product Authentication**
-  **Cross-Docking**
-  **Shipping Labels**

Throughput

The M8459Se continues to set the benchmark for Direct Thermal OEM printer performance in automatic label applicator systems. Utilizing the latest in 32-bit microprocessor technology, along with 16 MB of standard RAM, the M8459Se provides virtually instantaneous “time to first label out”.

Interchangeable

The height, width and location of mounting holes are identical to earlier SATO OEM print engines, making it easy to upgrade to the M8459Se. Plus, the M8459Se is compatible with the programming commands of the M8459S, making it a simple drop-in replacement.

Host Interface Flexibility

Designed with a modular interface slot, the M8459Se allows for a wide variety of interface options to be easily installed and field upgraded. These bi-directional interfaces include a high-speed IEEE1284 Parallel (ECP), RS232C Serial, USB, 10BaseT/100BaseTX Ethernet and 802.11g Wireless Ethernet.

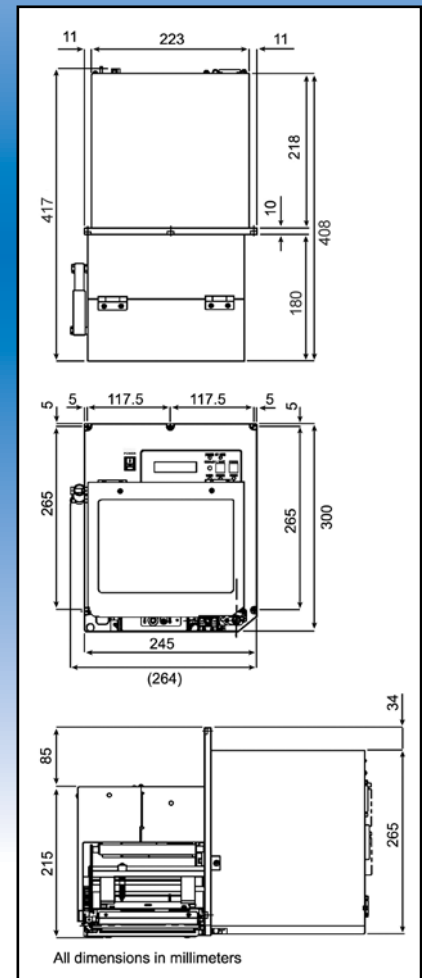
Legendary Reliability

Your labeling application is demanding and uptime is paramount. The M8459Se was designed to provide reliable performance over extended periods of time. It was specifically developed as a high-duty cycle applicator print engine...it is not a repackaged desktop printer. Even the heavy gauge steel enclosure was designed for production environments. Yet, internal access for maintenance is simple.

SPECIFICATIONS



PRINTER MODEL		M8459Se
PRINT SPECIFICATIONS		
Print Method		Direct Thermal
Print Resolution		203 dpi (8 dots/mm)
Max. Print Speed		5"/s (125mm/s)
Max. Print Area	Width	4.4" (112mm)
	Length	49.2" (1249mm)
MEDIA SPECIFICATIONS		
Sensor Type		Transmissive sensor for die cut labels & tags. Reflective sensor for use with preprinted sensing marks. Automatic, programmable setting of top form.
Media Type		Die cut labels, plain paper facestock and synthetics. Maximum unwind torque: 8 ft./lbs.
Back Feed		Adjustable, $\pm 10"$ (255mm)
Media Size	Width	Max. 5.27" (134mm) Min. 1" (25mm)
		Min. 4" (102mm) with RFID Tag
	Length	Min. 0.24" (6mm)
		Min. 4" (102mm) with RFID Tag
Thickness	0.002" – 0.0106" (0.06 mm – 0.268 mm)	
FONT / SYMBOLOGIES		
Font		Bitmap - 12 proportional, mono-spaced and outline fonts (Code table 858). Internal CG Triumvirate & CG Times fonts scalable from 2 to 99 points. Optional downloaded TrueType fonts.
Barcode Symbologies	Linear	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)
	2-D	PDF417, Micro PDF417, Truncated PDF417, Maxicode™, Data Matrix, QR Code, Composite Symbology
COMMUNICATION INTERFACE		
Interfaces		RS232 Serial (up to 57.6k bps), IEEE1284 Parallel (ECP), 10/100BaseT/TX Ethernet (Wired), Wireless (802.11g), USB, RS422/485
External Connector		Ext. (Applicator I/F): 14-pin Amp
MEMORY		
Memory		16 MB Standard RAM, 2 MB Standard Flash, Optional 1 MB PCMCIA, Optional 6 MB Flash (Total)
Processor		32-BIT RISC
OPERATING CHARACTERISTICS		
Power Requirements		115V/220V ($\pm 10\%$), 50/60 Hz ($\pm 1\%$) - Auto-switching
Environmental Requirements		Operating: 41° to 104°F (5° to 40°C), 15-85% RH, non-condensing Storage: 23° to 140°F (-5° to 60°C), Max. 90% RH, non-condensing
Dimensions		9.7" W (245mm) x 16.4" D (417mm) x 11.8" H (300 mm)
Weight		25 lbs. (11.34 kg)
Agency Certifications		CE, UL, CSA, TÜV, FCC Class A
OTHER FEATURES		
Standard Real Time Clock, Optional Opposite Hand Model		



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