OEM Solutions

The "Standard" for all automatic print & apply Labeling

M8490Se

SATO

RFID
UPGRADEABLE

M8490Se - High Resolution 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 M8490Se continues to set the benchmark for high-resolution OEM printer performance in automatic label applicator systems. Utilizing the latest in 32-bit microprocessor technology, along with 16 MB of standard RAM, the M8490Se provides virtually instantaneous "time to first label out". When printing at it's maximum print speed of 8 ips, the M8490Se is capable of handling your most demanding automatic print apply application.

Interchangeable
The height, width and location of mounting holes are identical to earlier SATO OEM print engines, making it easy to upgrade to the M8490Se. Plus, the M8490Se is compatible with the programming commands of the M8490S, making it a simple drop-in replacement.

Host Interface Flexibility
Designed with a modular interface slot, the M8490Se 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 M8490Se 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

	M8490Se
Printing Method	Thermal Transfer/Direct Thermal
Print Resolution	305 dpi (12 dots/mm)
Print Speed	Up to 8"/s (250mm/s)
Max. Print Area	4.4" (112mm) W x 32.8" (833mm) L
Media Size	Max. 5.27" (134mm) W Min. 1" (25mm) W x 0.24" (6mm) L[1]
Ribbon Size	5.25" (133mm) W x 1968' (600m) L Min. 1.6" (39.5mm) W, Face-In Wind
Dimensions	9.7" W x 16.4" D x 11.8" H (245mm W x 417mm D x 300mm H)
Weight	25 lbs. (11.34 kg)

Memory:
16 MB Standard RAM
2 MB Standard Flash
1 MB PCMCIA - Optional
6 MB Optional Flash - Total

Processor:
32-BIT RISC

Media:
Die cut labels, plain paper facestock & synthetics. Maximum unwind torque: 8 ft./lbs.

Back feed:
Adjustable, ± 10" (255mm)

Sensing:
Transmissive sensor for die cut labels & tags. Reflective sensor for use with preprinted sensing marks. Automatic, programmable setting to top of form.

External Connector:
Ext. (Applicator I/F): 14-pin Amp

Plug-In Interface Modules:
• Serial - RS232C (up to 57.6k bps)
• Parallel - IEEE1284 (ECP)
• Ethernet - 10BaseT/100BaseTX
• Wireless 802.11g
• RS422/485
• USB

Barcode Symbologies:
Linear: UPC-A, UPC-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-Dimensional: PDF417, Micro PDF417, Truncated PDF417, Maxicode™, Data Matrix, QR Code, Composite Symbology

Fonts:
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 & Font Formatting:
360° rotation of barcodes and text, character expansion horizontally and vertically, sequential numbering, form overlay for high-speed editing of complex formats.

Graphic Support:
Printing & storage of .PCX, .BMP format, SATO Hex/binary

Software:
Windows® Drivers (Windows 2000, XP, Server 2003, Vista)
"Label Gallery Free" - Label Software
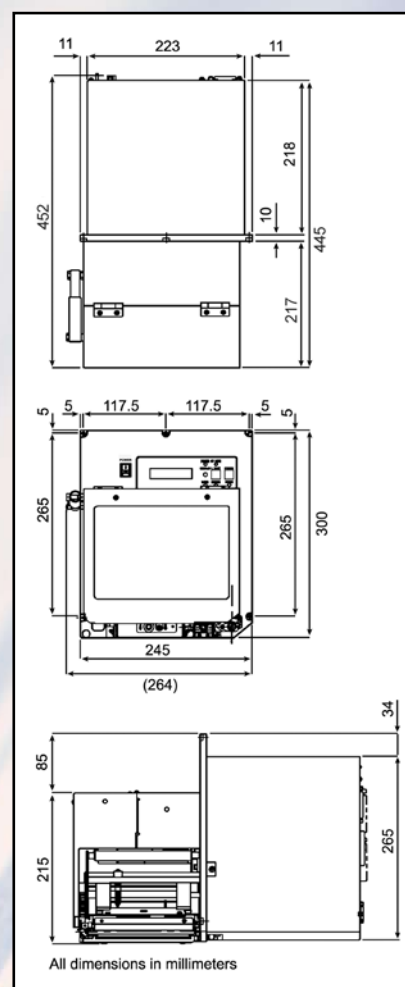Printer Utilities

Electrical Requirements:
115V/220V (± 10%), 50/60 Hz (± 1%)
Auto-switching
Certifications: CE, UL, CSA, TÜV, FCC Class A

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

Other Features:
• Standard Real Time Clock
• Optional 4 MB Flash Memory
• Optional RFID Capability

All dimensions in millimeters

[1]Minimum label length at print speeds greater than 6 ips is 1 inch.