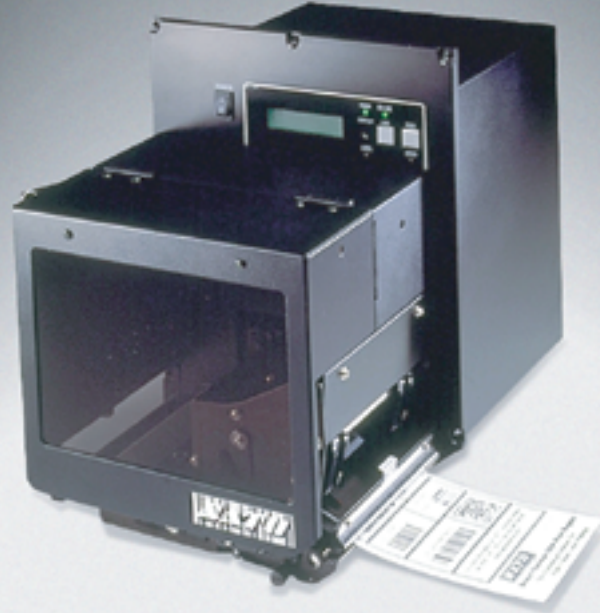




M-8459Se

Heavy-Duty Direct Thermal OEM Printer



■ New Generation

RISC Processor

■ High Reliability,

Low Maintenance

■ Long Life Printhead

■ Plug-In I/F Modules

- ⇒ RS232 - 57.6k bps
- ⇒ Parallel - IEEE1284
- ⇒ USB
- ⇒ Ethernet - 10/100BaseT
- ⇒ Twinax/Coax

■ Two Scalable Internal Fonts

■ Downloadable

TrueType® Fonts

■ 21 Bar Code Symbologies

Including 2-Dimensional

■ M-8459S Compatible

■ Memory

- ⇒ 18 MB Standard
- ⇒ 20 MB Optional

■ Real Time Clock Standard

The new enhanced M-8459Se provides a less costly alternative for print and apply applications. By eliminating the cost of the thermal transfer ribbon, the M-8459Se becomes a cost effective labeling solution by providing lower cost labels.

Long Life Printhead - The M-8459Se incorporates a printhead designed for long life direct thermal printing. Its warranty and life expecting are many times the typical industry standards. With warranty of one year or two million linear inches and expected life of up to 4 million inches, printhead replacement cost savings alone will more than pay for the printer when compared to other printers available.

Throughput - The M-8459Se printer sets new benchmarks in label throughput. A new generation RISC processor provides high performance in label production even when printing directly from standard Windows® applications.

Memory - The M-8459Se printer comes with a full 18 MB of on board memory standard! For extreme memory requirement applications an optional 4 MB of Flash memory or up to an additional 16 MB of PCMCIA memory can be added.

Interface Connections - A new feature of the M-8459Se is the Plug-In Interface Module that can be easily installed and field upgraded. Choose from one of SATO's standard high-speed, bi-directional Plug-In Interface Modules: IEEE1284 Parallel, High-Speed 57.6k bps Serial, or Universal Serial Bus (USB). Also available are optional Plug-In Interface Modules for Twinax/Coax, Ethernet (10/100BaseT) and RS422/485. The applicator interface port has also been enhanced to enable the label applicator greater flexibility with print engine integration.

Dimensions - Designed specially for integration into automatic print and apply systems, this compact, one piece printer requires less than 8.6 inches of clearance behind the mounting panel. The height, width and location of mounting holes are identical to the earlier SATO OEM print engines, making it easy to upgrade the M-8459Se. Plus the M-8459Se is compatible with the programming commands for M-8459S, making it a simple drop-in replacement.

M-8459 Se

Specifications:

Printing Method: Direct Thermal

Print Resolution: 203 dpi (8 dots/mm)

Printing Speed: Up to 5" (125 mm) per second

Max. Print Area: 4.4" (112 mm) W x 49.2" (1249 mm) L

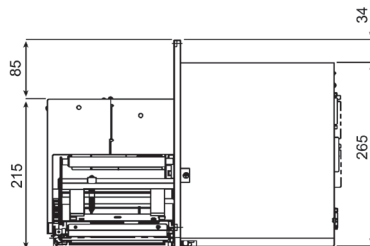
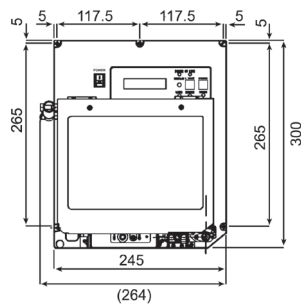
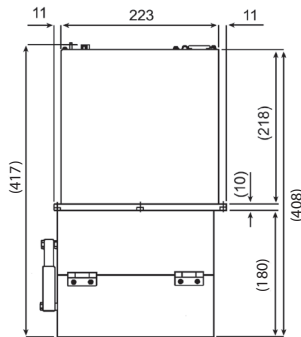
Media Size: Min: 1" (22 mm) W x 0.25" (6 mm) L

Max: 5.25" (134 mm) W x 49.2" (1249 mm) L

Overall Dimension: 10.4" W x 16.1" D x 11.8" H

(264 mm W x 417 mm D x 300 mm H)

Weight: 25 lbs (11.8 kg)



All dimensions in millimeters

Memory:

18 MB - Standard with RAM storage
for special characters

16 MB PCMCIA - Optional

4 MB Flash Memory Module - Optional

Processor:

32-BIT RISC/133 Mhz

Media:

Die cut coated thermal labels.

Maximum unwind torque: 8 ft/lb.

Sensing:

Transmissive sensor for die cut labels. Reflective sensor for use with preprinted sensing marks. Automatic, programmable setting of top forms.

Plug-In Interface Modules:

Standard Interface Modules:

⇒ Serial - RS232 (up to 57.6k bps)

□⇒ Parallel - IEEE1284 (ECP)

□⇒ USB

Optional Interfaces Modules:

□⇒ Ethernet - 10/100BaseT

□⇒ Twinax/Coax

□⇒ RS422/485 (up to 57.6k bps)

Bar Code Symbolologies:

Elementary: 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, UCC/EAN 128

Two-Dimensional: PDF417, Micro PDF417, Truncated PDF417, Maxicode, Data Matrix, QR Code

Bar Code Ratio:

2:1, 3:1, 5:2

Bar Code Height:

4 to 600 dots; user programmable

Human Readable Fonts:

12 proportional, mono-spaced and outline fonts (Code table 850) Internal CG Triumvirate® & CG Times® fonts plus downloaded TrueType® fonts, scalable from 8 to 72 points.

Flexibility:

360° rotation of bar codes and text, character expansion horizontally and vertically, sequential numbering, form overlay for high-speed editing of complex formats.

Graphic Support:

SATO Hex/binary, .PCX and .BMP format

AC Power:

115V/220V (± 10%), 50/60 Hz (± 1%), auto switch
50 Watt Idling/300 Watt Operating

Environmental:

Operating: 41° to 104°F (5° to 40°C)

15-85% RH, non-condensing

Storage: -4° to 104°F (-20° to 40°C)

max. 90% RH, non-condensing

ESD: 8kV

Approvals:

CE, UL, CSA, TÜV

ISO 9001
ISO 9002

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