



SA408E

HIGH PERFORMANCE, COMPACT AND
EASY-TO-USE LABEL PRINTER
VALUE LINE

FEATURES

- /// Compact
- /// 300m ribbon capacity
- /// Multiple communication interfaces
- /// Precise printing
- /// Easy to use, load and maintain

APPLICATIONS

- /// Healthcare
- /// General Office
- /// Shipping and Receiving
- /// Shelf Labelling
- /// Retail
- /// Inventory Labelling

TECHNICAL INFORMATION

SA408E

GENERAL SPECIFICATION		SA408
Printing Method		Direct Thermal / Thermal Transfer
Print Resolution, dots/mm (dpi)		8 dots/mm (203dpi)
Max. Print Area	Width, mm (inch)	104mm (4.1")
	Length, mm (inch)	Max 2540mm (100")/Min 5mm (0.2")
Print Speed, mm/sec (ips)		50.8-101.6mm/sec (2-4 ips)
Programming Language		DPL, EPL, ZPL

HARDWARE SPECIFICATION	
CPU	32 bit RISC microprocessor
Printer Memory	8MB DRAM (5MB user available). 4MB Flash ROM (2MB user available)
Communication Interface	USB, RS-232, Ethernet
Dimensions	273mm (L) x 225mm (W) x 185mm (H)
Weight	2.1kg
Electrical Requirements	Universal Switching Power Supply AC Input: 100-240V, 1.8A, 50-60Hz DC Output: 24V, 2.4A
Environment Requirements	Operation Temperature: 40° F-100°F (4°C-38°C), Humidity 10%-90% non-condensing Storage Temperature: -4°F-122°F (-20°C-50°C)

CONSUMABLE SPECIFICATION (Recommended to use printer supplies manufactured by SATO)	
Media Type	Roll-feed, die-cut, continuous, fan-fold
Media	Max Width: 4.3" (110mm)
	Min Width: 1" (25.4mm)
	Thickness: 0.0025"-0.01" (0.0635-0.254mm)
	Max roll capacity (OD): 5" (127mm) / Core size: 1" (25.4mm)
Ribbon	Max roll capacity (OD): 4.5" (114.3mm) / Core size: 0.5" (12.7mm) (optional)
	Max roll capacity (OD): 4.72" (120mm) / Core size: 1.5" (38.1mm) (optional)
Ribbon	Ribbon roll - max OD: 2.6" (67mm) Ribbon Length: max 300m Core size - ID: 1" (25.4mm) Ribbon width: 1"-4" Wax, Wax/Resin, Resin (Ribbon wound ink-side out or ink-side in)
Sensors	Media gap, centre fixed. I-Mark adjustable. Head open switch/Ribbon end sensor

FONTS/BARCODE SPECIFICATIONS	
Fonts	Internal character sets standard 5 alpha-numeric fonts from 0.049"H-0.23"H (1.25mm-6.0mm) Internal fonts are expandable up to 24x24 4 direction 0°-270° rotation Soft fonts are downloadable using the Font Utility
1D Barcodes	Code 39, UPC-A, UPC-E, Postnet, Code 128 subset A/B/C, Interleaved 2 of 5, Interleaved 2 of 5 with check sum, Interleaved 2 of 5 with human readable check digit, Code 93, Code 39 with check sum digit, MSI, EAN-8, Codabar, Code 11, EAN-13, Plessey, GS1 Data bar (RSS), Industrial 2 of 5, Standard 2 of 5, Longmars
2D Barcodes	MaxiCode, PDF417, Data Matrix (ECC 200 only), QR code, Composite codes, Aztec Barcode, Micro PDF417
Label Design Software	BarTender. Windows driver (XP/Vista/7/8)
Utility Software	Printer set-up. Font downloader

IN THE BOX
Quick guide. Resources DVD. Ribbon cores. USB cable

MISCELLANEOUS	
Standards Agency Approvals	CE, ROHS