



## TC SERIES

LIGHT INDUSTRIAL LABEL PRINTER  
VALUE LINE

### FEATURES

- /// SATO Value Line
- /// 300m Ribbon
- /// 8" OD Media
- /// Emulations
- /// Simple Operation

### APPLICATIONS

- /// Medium Throughput Applications
- /// Retail
- /// Logistics
- /// Healthcare
- /// Shipping & Receiving
- /// Office

# TECHNICAL INFORMATION

## TC408 / TC408X

GENERAL SPECIFICATION		TC408 / TC408X
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		2- up to 4ips (50.8-101.6mm/s)
Programming Language		TC408: SDPL, SEPL selectable TC408X: SZPL

HARDWARE SPECIFICATION	
CPU	32 bit RISC microprocessor
Printer Memory	8MB DRAM (5MB user available). 8MB Flash ROM (6MB user available)
Operation Interface	3x LED indicator (Ready/Media/Ribbon) 3x Button Feed (Config.) / Pause (Calibr.) / Cancel (Reset)
Dimensions	466.6mm (L) x 282.7mm (W) x 285.4mm (H)
Weight	9kg
Operation Environment	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)
Power Requirements	Auto-switching. Input voltage AC100V-AC240V. 50/60Hz
Communication Interfaces	USB, Serial, Parallel

CONSUMABLE SPECIFICATION (Recommended to use printer supplies manufactured by SATO)	
Media Type	Roll-feed, die-cut, continuous, fan-fold
Media	Max Width: 4.33" (110mm) Min Width: 1" (25.4mm) Thickness: 0.0025"-0.01" (0.0635-0.254mm)** Max roll capacity (OD): 8" (203mm) Core size: 1" (25.4mm) / 1.5" (38.1mm) / 3" (76.2mm)
Ribbon	Ribbon Length: max 300m Core size: 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. Ribbon end

FONTS/BARCODE SPECIFICATIONS	
Internal Fonts	SPDL: 9 fonts with different point size, 6 fonts with ASD smooth font, Courier font with different symbol sets. SEPL: 5 alpha-numeric fonts from 0.049"H - 0.23"H (11.25mm-6.0mm) SZPL: 8 (A-H) fonts with different point size. 8 AGFA fonts: 7 (P-V) fonts with fixed different point size (not scalable), 1 (0) font with scaling point size. Soft fonts are downloadable for all Emulation through Font Utility
1D Barcodes	All Emulations: Code 39, UPC-A, UPC-E, Code 128 subset A/B/C, EAN-13, EAN-8 (Standard, 2 /5digit add-on), Codabar, UPC2, UPC5, Code 93, Postnet, UCC/EAN-128, Interleaved 2 of 5 SDPL: HBIC, Plessey, UCC/EAN-128 K-MART, UCC/EAN-128 Random weight, UCC/EAN-128 Random weight, Telepen, FIM SEPL: Code 128 auto, UCC/EAN code 128 (GS1-128), German Postcode, Matrix 2 of 5, GS1 Data bar (RSS) SZPL: MSI, Code 11, Plessey, GS1 Data bar (RSS), Logmars
2D Barcodes	All Emulations: 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 download

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

MISCELLANEOUS	
Standards Agency Approvals	CE, ROHS, EN5502, EN55024, EN61000-3-2, EN61000-3-3, IEC 61000-4-2-11

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