



CT Series - Compact Thermal Barcode Printer

- **Industry Leading Throughput**
- **203/305 dpi Resolution**
- **New Generation RISC Processor**
- **4.1" Wide Print Area**
- **User Replacable Printhead**
- **21 Barcodes incl. 2-D**
- **Memory**
 - ⇒ 8 MB SRAM
 - ⇒ 2 MB Flash ROM

SATO's CT Series printers feature unparalleled processing speed and power in a compact unit. Along with their rugged construction, the CT is an ideal printer for a wide range of labeling applications. The CT printers continue the SATO tradition of designing high quality, high performance thermal barcode printers while delivering exceptional value.

Throughput - At the core of the new CT printers is a new generation ultra high-speed processor. With high data transfer rates and processing speed the CT printers print continuously, without pausing between labels, even with changes in data and graphics on every label. The incomparable throughput speed of the CT printers truly puts them in a class by themselves.

Windows® Compatible - An important added feature of the CT Series printers is the Windows® driver, which allows the creation of labels using virtually any Windows® based program. The Windows® driver efficiently utilizes the CT printers' internal features to provide the greatest print speed and access to all printer control functions.

Barcodes - SATO's CT printers also provide the built in ability to print all popular linear and two-dimensional (2-D) symbologies including Micro PDF and QR Code. The compact CT printers feature a small footprint and a total weight under 7 lbs., allowing them to be installed where work space is restricted.

SATO CT Series Printers



CT400



CT410

Printing Method	Direct Thermal/Thermal Transfer or Direct Thermal only	
Print Resolution	203 dpi (8 dpmm)	305 dpi (12 dpmm)
Print Speed	Up to 6 ips (150 mm/second)	Up to 4 ips (100 mm/second)
Max. Print Width	4.1" (104 mm)	
Max. Print Length	15.7" (400 mm)	
Media Size	Min. 1" (25 mm) W x 0.6" (15 mm) L Max. 4.6" (118 mm) W x 15.7" (400 mm) L	
Ribbon Size	Standard Widths: 1.75" (44 mm), 3" (76 mm), 4.33" (110 mm)	
Dimensions	7.8" W x 9.1" D x 7.1" H (198 mm W x 230 mm D x 181 mm H)	
Weight	6.6 lbs (3 kg)	

Memory:
8 MB SRAM
2 MB Flash ROM

Processor:
32-BIT RISC

Media:
Roll or fan-fold die cut labels, plain paper face stock and synthetics. Continuous stock using software control.
Max. Caliper: 0.0075" (0.19 mm)
Max. Roll Diameter: 4.4" (110 mm)
Wind: Face-Out

Ribbon:
Max. Roll Diameter: 1.5" (39 mm)
Min. Core Diameter: 0.5" (12.7 mm)
Wind: Face-Out

Sensing:
Transmissive sensor for die cut labels and tags. Reflective sensor for use with pre-printed sensing marks. Automatic or programmable setting of top of form.

Printer Control:
User programmable via data stream
Windows Printer Diver (provided)

Interface:
Parallel I/F (std.):
• IEEE1284, High-Speed, Bi-directional
Optional I/F (factory installed):
• Serial RS232 (up to 57.6k bps)
• Ethernet - 10/100BaseT
• Internal Universal Serial Bus

Barcode Symbologies:
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

Barcode Ratio:
2:1, 3:1, 5:2 or individually adjustable bar widths

Barcode Height:
Programmable, 4 to 600 dots

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

Flexibility:
360° rotation of barcodes and text, character expansion horizontally and vertically, form overlay for high-speed editing of complex formats.

Graphic Support:
SATO Hex/binary format
.PCX format
.BMP format

AC Power:
115V (± 10%), 14.5VDC (± 5V),

Environmental:
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
ESD: 8kV

Approvals:
CE, UL, CSA, TÜV

Options:
Label Cutter (factory installed), Label Dispenser (factory installed), 220 V Power Supply



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