



CT Series Thermal Transfer Printers

CT400/410 Bar Code Printer



- Thermal Transfer/
Direct Thermal
- 203/305 dpi Print
Resolution
- 1" to 4.1" Wide Print Area
- 15" Print Length
- New Generation High
Speed RISC Processor
- 21 Bar Code Symbolologies
Including 2-D Codes
- User Replaceable
Print Head
- IEEE1284 High Speed,
Bi-Directional Parallel
Interface
- Options: Label Cutter,
Label Dispenser
- Interface Options:
High Speed RS232 Serial,
USB, Ethernet

SATO's CT Series printers feature unparalleled processing speed and power in a compact unit, as well as as rugged construction, making them ideal for a wider range of labeling applications. The CT printers continue the SATO tradition of designing high quality, high performance thermal bar code 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 will 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 label 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.

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

Options - Optional features including a variety of interface alternatives such as high speed RS232C (up to 57.6k bps), USB and a LAN Adapter.

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Specifications:

Printing Method:

Thermal Transfer/Direct Thermal

Print Resolution:

CT400: 203 dpi
CT410: 305 dpi

Printing Speed:

CT400: Up to 6" (150 mm) per second
CT410: Up to 4" (100 mm) per second

Memory:

8 MB SRAM
2 MB Flash ROM

Processor:

32-BIT RISC/133 Mhz

Max. Print Area:

4.1" (104 mm) W x 15.7" (400 mm) L

Media:

Roll or fan-fold die cut labels, plain paper face stock, SATO Techno THERM® standard or equivalent. Tag stock with punched feed slot for "see through" sensing. Continuous stock using software control.

Max. Caliper: □ 0.0075" (0.19 mm)

Max. Roll Diameter: 4.4" (110 mm)

Wind: □□□□□□□□ Face-Out

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:

Standard Widths: □□□□ 1.75" (44 mm), 3" (76 mm),
□□□□ 4.33" (110 mm)

Max. Roll Diameter: 1.5" (39 mm)

Min. Core Diameter: 0.5" (13 mm)

Wind: □□□□ Face-Out

Sensing:

Movable transmissive sensor for die cut labels and tags. Reflective sensor for use with preprinted sensing marks. Automatic or programmable setting of top of form

Print Control:

User programmable via data stream

Windows Printer Driver (provided)

Data Interface:

Parallel I/F (std.): IEEE1284, High Speed,
Bi-directional

Optional I/F: Serial RS232 (up to 57.6k bps)
Internal Universal Serial Bus
Ethernet (10/100BaseT)

Bar Code Symbolologies:

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, PDF417, Micro PDF417, Truncated PDF417, Maxicode, Data Matrix, QR Code

Bar Code Ratio:

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

Bar Code Height:

Programmable, 4 to 600 dots

Human Readable Fonts:

12 proportional and mono-spaced fonts including OCR-A and OCR-B representations and an outline font. American and European characters, upper and lower case with descenders.

Flexibility:

360° rotation of bar codes and text; character expansion horizontally and vertically, RAM storage for special characters, dot-addressable graphics; sequential numbering. Form overlay for high speed editing of complex formats.

Graphic Support:

SATO Hex/binary format

.PCX format

.BMP format

Overall Dimensions:

7.8" W x 9.0" D x 7.1" H

(198 mm W x 230 mm D x 181 mm H)

Weight:

6.6 lbs (3 kg)

AC Power:

115V AC (± 10%), 14.5VDC (±5V),

3.6A (Peak 13A), 50/60 Hz (± 1%)

Operating: 150 Watt or less

Environmental:

Operating: □□□□□□ 41° to 104°F (5° to 40°C)

□□□□□□□□□□□□ 5-85% RH, non-condensing

Storage: □□□□□□□□ 4° to 104°F (-20° to 40°C)

□□□□□□□□□□□□ max. 90% RH, non-condensing

ESD Immunity: 8kV

Approvals:

CE, UL, CSA, TÜV

ISO 9001

ISO 9002

Options:

Label Cutter, Label Dispenser, Universal Serial Bus (USB) Interface, Ethernet, High Speed RS232

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