



CL408e CL412e

High Speed Thermal Transfer Printers



- **Industry Leading Throughput**
- **New Generation RISC Microprocessor**
- **Plug-In I/F Modules**
 - ⇒ **RS232 - 57.6k bps**
 - ⇒ **Parallel - IEEE1284**
 - ⇒ **Ethernet**
 - ⇒ **USB**
 - ⇒ **Twinax/Coax**
- **Two New Resident AGFA® Raster Fonts**
- **On-board Rasterizer for TrueType® Fonts**
- **21 Bar Code Symbologies (incl. 2-D)**
- **CL408 and CL412 compatible**
- **18 MB Standard Memory**
- **20 MB Optional Memory**

The new "e" Series of CL printers brings the latest in technology to the world of Thermal Transfer Label Printing. The CL408e and CL412e printers offer high speed data transmission, unparalleled processing speed and large amounts of on-board memory to quickly and easily manage any label printing requirement.

Throughput - The CL "e" Series printers set 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 CL "e" Series printers come with a full 18 MB of on-board memory STANDARD! Enough memory for storing multiple fonts, graphics, formats etc. without the need for optional memory for most applications. For extreme memory requirement applications an optional 4 MB of Flash memory or an additional 16 MB of PCMCIA memory may be added.

Windows® Compatible - Users still have the option of producing high quality labels by using either SATO's native command language (SCL) or quality label design and production software such as SATO's Label Wizard. Now, the ability to easily and efficiently produce labels direct from Windows® applications such as WORD, EXCEL, ACCESS, etc. is also an option.

Interface Connections - Choose from one of SATO's standard high speed, bi-directional Plug-In Interface Modules: IEEE1284 Parallel, High Speed Serial 57.6k bps, or Universal Serial Bus (USB). Also available are optional Plug-In Interface Modules for Twinax/Coax and Ethernet (10/100BaseT) and RS422/485.

CL408e CL412e

High Speed Thermal Transfer Printers

Specifications:

Printing Method:

Thermal Transfer/Direct Thermal

Print Resolution:

CL408e: 203 dpi
CL412e: 305 dpi

Printing Speed:

Up to 6" (150 mm) per second

Memory:

18 MB Standard
4 MB Flash Memory Module - Optional
16 MB PCMCIA - Optional

Processor:

32-BIT RISC/133Mhz

Max. Print Wide:

4.1" (104 mm)

Max. Print Length:

CL408e: 49.2" (1249 mm)
CL412e: 32.8" (833 mm)

Media:

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

Media Size:

Min: 0.87" (22 mm) W x 0.24" (6 mm) L
Max: 5.1" (131 mm) W x 49.2" (1249 mm) L

Ribbon:

Max. Width: 4.4" (111 mm)
Max. Length: 1475' (450 m)
Wind: Face-In

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

Plug-In Interface Modules:

Choose among standard Interfaces:
⇒ RS232 (9,600 to 57,600 bps)
⇒ Parallel - IEEE1284 (ECP)
⇒ USB

or optional Interfaces:

⇒ Ethernet - 10/100BaseT
⇒ Twinax/Coax

Data Transmission:

ASCII

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

Bar Code Height:

Programmable

Human Readable Fonts:

12 proportional and mono-spaced fonts including OCR-A and OCR-B representations and an outline font. American and European characters, uppercase and lower case with descenders (code table 850) Internal CG Triumvirate® and 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, 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:

10.7" W x 16.9" D x 12.6" H
(271 mm W x 430 mm D x 321 mm H)

Weight:

28.7 lbs (13 kg)

AC Power:

115V/220V (± 10%), 50/60 Hz (± 1%)
50 Watt Idling/ 130 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 Immunity: 8kV

Approvals:

CE, UL, CSA, TÜV

ISO 9001
ISO 9002

Options:

Label Cutter, Label Dispenser, PCMCIA Memory Expansion, Flash ROM Memory Expansion, Real Time Clock

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