CLe Series

CL408e CL412e
CL608e CL612e

High Speed Thermal Transfer Printers

■ **Industry Leading Throughput**

■ **Resolution:**
⇨ **203 dpi**
⇨ **305 dpi**

■ **New Generation RISC Processor**

■ **Plug-In I/F Modules:**
⇨ **RS232** - 57.6k bps
⇨ **Parallel** - IEEE1284
⇨ **Ethernet** - 10/100BaseT
⇨ **USB**
⇨ **Twinax/Coax**

■ **Downloaded TrueType® Fonts**

■ **21 Bar Codes including 2-D**

■ **Compatible with**
⇨ **CL408 and CL412**
⇨ **CL608 and CL612**

■ **Memory:**
⇨ **18 MB Standard**
⇨ **20 MB Optional**

The new "*e*" Series of CL printers brings the latest in technology to the world of Thermal Transfer Label Printing. The CL*e* Series 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 and graphics 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 (SPL) or quality label design and production software. 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, 57.6k bps High-Speed Serial, or Universal Serial Bus (USB). Also available are optional Plug-In Interface Modules for Twinax/Coax and Ethernet (10/100BaseT) and RS422/485 Serial.

CLe
Series

	CL408e	CL412e	CL608e	CL612e
Printing Method	Direct or Thermal Transfer			
Print Resolution	203 dpi (8 dpmm)	305 dpi (12 dpmm)	203 dpi (8 dpmm)	305 dpi (12 dpmm)
Printing Speed	up to 6 ips (150 mm/second)		up to 8 ips (200 mm/second)	
Max. Print Width	4.1" (104 mm)		6.0" (152 mm)	6.5" (164 mm)
Max. Print Length	49.2" (1249 mm)	32.8" (833 mm)	49.2" (1249 mm)	32.8" (833 mm)
Media Size	Min. 0.87" (22 mm) W x 0.24" (6 mm) L Max. 5.1" (131 mm) W		Min. 1.96" (50 mm) W x 0.78" (20 mm) L Max. 7" (178 mm) W	
Max. Ribbon Size	4.4" (111 mm) W x 1475 ft. (450 m) L; Face-In		6.75" (172 mm) W x 1345 ft. (410 m) L; Face-In	
Overall Dimension	10.7" W x 16.9" D x 12.6" H (271 mm W x 430 mm D x 321 mm H)		13.8" W x 16.9" D x 11.7" H (352 mm W x 430 mm D x 298 mm H)	
Weight	28.7 lbs (13 kg)		41.9 lbs (19 kg)	

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

Processor:
32-BIT RISC/133Mhz

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

Sensing:
Movable 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

Plug-In Interface Modules:
Choose among standard Interfaces:
⇨ RS232 (9,600 to 57,600 bps)
⇨ Parallel - IEEE1284 (ECP)
⇨ Universal Serial Bus
or optional Interfaces:
⇨ Ethernet - 10/100BaseT
⇨ Twinax/Coax

Bar Code Symbologies:
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

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: 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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