GENERAL SPECIFICATIONS

PRINTER MODEL	CL408e	CL412e
PRINTING SPECIFICATIONS		
Printing resolution	8 dots/mm (203dpi)	12 dots/mm (305dpi)
Max. Printing Speed	Up to 150mm/sec (6ips)	Up to 150mm/sec (6ips)
Max. Printing Length	1249mm (49.2")	833mm (32.8")
Printing Width	104mm (4.1")	104mm (4.1")
Print Method	Direct Thermal, Thermal Transfer	Direct Thermal, Thermal Transfer
HARDWARE SPECIFICATIONS		
CPU	32 Bit RISC	
Memory	2MB, 4MB (Expandable)	
Plug-in Interface Cards	RS232C, IEEE1284 , USB, LAN 10/100BaseT, Wireless LAN:IEEE802.11b/g	
Physical Dimensions	271(W) x 430 (D) x 321(H) mm 10.7"(W) x 16.9" (D) x 12.6" (H1)	
Weight	13kg	
Electrical Requirements	AC100 – 120 / 200–240V	
Regulatory Approvals	CE(TUV), UL, C-UL, FCC(Class B), EN55022(Class B), EN61000	
Environmental Requirements	Usage: 5 ~ 40ºC / 30 ~ 80% Storage: -5 ~ 60ºC / 30 ~ 90%	
CONSUMABLES SPECIFICATIONS		
Media Type	Roll-fed or fan-fold, die-cut or continuous direct thermal/thermal transfer labels, synthetics, and tag stock with or without black mark, gap, or notch.	
Max. Label Roll Diameter	8.6 inch, 218mm	
Label Roll Core Diameter	3 inch, 76.2mm	
Media Thickness	0.08 ~ 0.26mm, 0.0032"~0.0102"	
Max. folding height (for fan-fold fed media)	100mm, 3.94"	
Winding Direction	Face in	
Media Sensor	Adjustable transmissive sensor for gap, Reflective sensor for I-mark	
Ribbon Winding Direction	Face in	
Inner Diameter	25.6mm, 1"	
Ribbon Max. Length	450M, 1475'	
Ribbon Max. Width	111mm, 4.4"	
FONTS/BARCODE SPECIFICATIONS		
Fonts	Bitmap Font: XU,XS, XM,XB, XL, OCR-A, OCR-B Outline Font, CG Font: CGTimes, CGTriumvirate	
Rotations	0º, 90º, 180º, 270º	
1D Barcode	UPC-A/E, EAN 8/13, JAN, CODE 39/93/128, UCC/EAN 128, Interleaved 2 of 5, Industrial 2 of 5, Matrix 2 of 5, NW-7, MSI, BookLand, POSTNET, GSI Databar (RSS)	
2D Barcode	QR Code, PDF417, Maxi Code, GSI Data Matrix (ECC200)	
ACCESSORIES & OPTIONS		
Cutter, Dispenser with internal liner rewinder, External Rewinder, 4MB expanded Flash memory, Real-Time clock, RFID Kit		

SATO printing solutions
robust, reliable & accurate

CL4e Series
Streamline your business operations with our fast, reliable and robust Barcode & RFID label printer

DCS & Labelling Worldwide

CL4e Series

High quality barcode & RFID printing for mission critical operations

Designed to survive in the harshest industrial environments, the **CL4e Series** offers outstanding barcode & text print quality on labels. The state-of-the-art 'Print & Encode' RFID feature further enhances business efficiency & accuracy throughout the operation process.

Features

DirectInlayPrinting™
Encoding and printing directly on very short pitch RFID labels

Resource Saving
Barcode Head Checks - Performs checks on the barcode print head prior to printing
Faulty Tag Verfication - Detects faulty tags, skips those tags and move on.
Print & Encode - Encodes data while printing

Rugged industrial design
The heavy-duty metal casing construction is designed to meet the most demanding environment.

Connectivity and application flexibility
User configurable Plug-In Interface cards - USB, Serial, Parallel (IEEE1284), LAN 10/100BaseT and WLAN 802.11b/g.

Flexible options
Cutter, dispenser with internal liner rewinder, real-time clock, external label rewinder.

Easy media loading & maintenance of parts
Easy loading of labels and ribbon as colour coded parts are clearly indicated with instructions. Quick & easy replacements of print head and platen roller.

Intuitive interface
Simple, user-friendly LCD menu and control panel.

Easy integration
Seamless integration with major ERP systems such as SAP, Oracle, Microsoft Biztalk.

Labelling software
SATO Label Gallery™ and Utility Tools (SATO All-in-One Tool).

Product Application
Steel Industry

The Case   A Japanese steel company that manufactures high-quality structural and mechanical steel tubing's US operations needed to accurately track raw materials or finished goods. The steel pipes, panels and tubes that they produced, were stored outside of its factory and they needed their barcode labels to be able to withstand nature so that the labels are easily read using a barcode scanner.
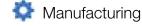
Our Solution   Our CL408e label printer was the answer to their need to help track its raw materials and finished goods. This printer in the facility was used to generate labels for both raw and slit coils, as well as finished goods. Raw and slit coils are marked with paper thermal-transfer labels, while finished goods are tracked with a Valeron tag.

The Valeron tag can withstand exposure to water, heat and sunlight, so goods stored outdoors can be scanned without any difficulty. Also an RFID-enabled printer, the customer can switch to the use of using RFID tags anytime to enable the inventory tracking to be more efficient.

Benefits
Raw materials and finished goods inventory can be accurately tracked
Barcode labels can withstand harsh outdoor conditions

Industry

- Manufacturing
- Logistics
- Government
- Retail
- Healthcare

Applications

Pallet Labels
Shipping/Receiving Labels
Container Labels
Packaging Labels
Compliance Labels
WMS
Work-In-Progress Tracking
Parts Tracking
Product Labelling
Retail Labelling
Laboratory Labelling
GHS Chemical Labels

Customer Care
Use genuine SATO supplies

Our wide range of consumables are SATO-manufactured and tested to ensure optimal performance everytime.

For more information, visit
www.satoasiapacific.com