

GENERAL SPECIFICATIONS

PRINTER MODEL	CL408e	CL412e
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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 ~ 40°C / 30 ~ 80% Storage: -5 ~ 60°C / 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	0°, 90°, 180°, 270°
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

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SATO printing solutions
**robust, reliable
& accurate**



CL4e Series

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

SATO
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 Verification - 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.

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