

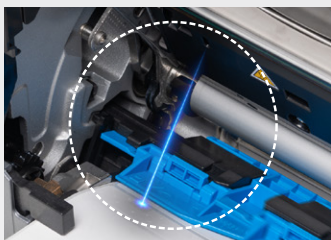
# Empowering The Future Workplace



## CL4-SXR / CL6-SXR

### Enhanced printing to accelerate productivity

- Industry-leading maximum print speed: **18 ips**
- **High precision printing  $\pm 0.3$  mm ~**  
(based on internal testing)
- Custom-designed thermal head for exceptional quality printing



New sensors for enhanced print accuracy and stability



High-quality printing even on nameplate labels

### Innovation for more uptime

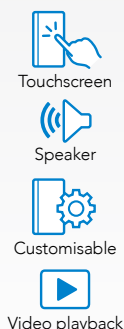
- From preventive to AI-based predictive maintenance



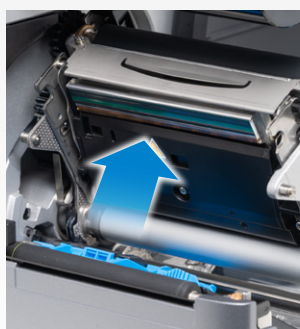
Smart prediction of issues that responds to actual usage and conditions

### Easy for anyone to use

- Equipped with touchscreen and speaker for intuitive operation
- Designed to be easily cleaned and for easy parts replacement



4.3-inch colour LCD



Wide-opening print unit

### Contributes to the realisation of a sustainable society

- Print from the very 1st label with label waste prevention function
- Approx. 34% of plastic parts made from recycled resin (by weight)



Reduce waste and time with label waste prevention function

|                                 |                                |                                | CL4-SXR                                                                                                                                                                                                                                                                                                                                                                                                                                 |                           |                          | CL6-SXR                                                        |                                                        |
|---------------------------------|--------------------------------|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|--------------------------|----------------------------------------------------------------|--------------------------------------------------------|
| Printing Specifications         | Model name                     |                                | CL4-SXR TT203                                                                                                                                                                                                                                                                                                                                                                                                                           | CL4-SXR TT305             | CL4-SXR TT609            | CL6-SXR TT203                                                  | CL6-SXR TT305                                          |
|                                 | Print resolution               |                                | 8 dots/mm (203 dpi)                                                                                                                                                                                                                                                                                                                                                                                                                     | 12 dots/mm (305 dpi)      | 24 dots/mm (609 dpi)     | 8 dots/mm (203 dpi)                                            | 12 dots/mm (305 dpi)                                   |
|                                 | Print mode                     |                                | Continuous, tear-off, cutter, dispenser, linerless cutter, rotary cutter                                                                                                                                                                                                                                                                                                                                                                |                           |                          | Continuous, tear-off, cutter, dispenser                        |                                                        |
|                                 | Printing method                |                                | Direct thermal, thermal transfer                                                                                                                                                                                                                                                                                                                                                                                                        |                           |                          |                                                                |                                                        |
|                                 | Print speed                    |                                | 2-18 ips                                                                                                                                                                                                                                                                                                                                                                                                                                | 2-16 ips                  | 2-6 ips                  | 2-14 ips                                                       | 2-14 ips                                               |
|                                 | Max. print                     | Width                          | 104 mm (4.09")                                                                                                                                                                                                                                                                                                                                                                                                                          | 104 mm (4.09")            | 104 mm (4.09")           | Extension: 167.5mm(6.60")<br>Standard: 152mm (5.98")           | Extension: 167.5mm(6.60")<br>Standard: 165.3mm (6.51") |
|                                 |                                | Length                         | 2500 mm (98.42")                                                                                                                                                                                                                                                                                                                                                                                                                        | 1500 mm (59.05")          | 400 mm (15.75")          | Extension: 2500mm (98.42")<br>Standard: 2500mm(98.42")         | Extension: 1500mm (59.05")<br>Standard: 1500mm(59.05") |
|                                 | Printer Memory                 |                                | Flash 8GB / RAM 2GB                                                                                                                                                                                                                                                                                                                                                                                                                     |                           |                          |                                                                |                                                        |
| Processor                       |                                | ARM Cortex-A53 Quad Core       |                                                                                                                                                                                                                                                                                                                                                                                                                                         |                           |                          |                                                                |                                                        |
| Consumable Specifications       | Sensor Type                    |                                | I-mark Sensor (Reflective), Label Gap Sensor (Transmissive), Label Gap Sensor 2 (Transmissive), Label Waste Prevention sensor. Media Low sensor                                                                                                                                                                                                                                                                                         |                           |                          |                                                                |                                                        |
|                                 | Media Type                     |                                | Roll or fan-fold die cut labels, Plain paper face stock, Synthetics and Continuous stock                                                                                                                                                                                                                                                                                                                                                |                           |                          |                                                                |                                                        |
|                                 | Label length (*1)              | Continuous                     | 6-2497 mm (0.24"-98.30")                                                                                                                                                                                                                                                                                                                                                                                                                | 6-1497 mm (0.24"-58.94")  | 6-397 mm (0.24"-15.63")  | 6-2497 mm (0.24"-98.30")                                       | 6-1497 mm (0.24"-58.94")                               |
|                                 |                                | Tear-off/cutter                | 17-2497 mm (0.67"-98.30")                                                                                                                                                                                                                                                                                                                                                                                                               | 17-1497 mm (0.67"-58.94") | 17-397 mm (0.67"-15.63") | 17-2497 mm (0.67"-98.30")                                      | 17-1497 mm (0.67"-58.94")                              |
|                                 |                                | Dispenser                      | Direct thermal: 10-397 mm (0.39"-15.63")<br>Thermal transfer: 28 mm-397 mm (1.10"-15.63")                                                                                                                                                                                                                                                                                                                                               |                           |                          | 47-177 mm (1.85"-6.97")                                        |                                                        |
|                                 |                                | Linerless cutter               | 30-120 mm (1.18"-4.72")                                                                                                                                                                                                                                                                                                                                                                                                                 |                           |                          | -                                                              |                                                        |
|                                 |                                |                                | 30-120 mm (1.18"-4.72")                                                                                                                                                                                                                                                                                                                                                                                                                 |                           |                          |                                                                |                                                        |
|                                 | Label width (*1)               |                                | 22-128 mm (0.87"-5.04")                                                                                                                                                                                                                                                                                                                                                                                                                 |                           |                          | 47-177 mm (1.85"-6.97")                                        |                                                        |
|                                 | Label width (Linerless cutter) |                                | 60-118 mm                                                                                                                                                                                                                                                                                                                                                                                                                               |                           |                          | -                                                              |                                                        |
|                                 | Media thickness                |                                | 60-268 μm (0.06-0.28 mm)                                                                                                                                                                                                                                                                                                                                                                                                                |                           |                          |                                                                |                                                        |
|                                 | Label                          | Roll diameter                  | Max. 220 mm (8.7")                                                                                                                                                                                                                                                                                                                                                                                                                      |                           |                          |                                                                |                                                        |
|                                 |                                | Core diameter                  | 76 mm (3.0"), 101 mm (4.0")                                                                                                                                                                                                                                                                                                                                                                                                             |                           |                          |                                                                |                                                        |
|                                 |                                | Other                          | Face-in/face-out (No setting change required)                                                                                                                                                                                                                                                                                                                                                                                           |                           |                          |                                                                |                                                        |
|                                 | Ribbons                        | Width                          | 39.5 mm (1.55") - 128 mm (5.04")                                                                                                                                                                                                                                                                                                                                                                                                        |                           |                          | 59 mm (2.32") - 177 mm (6.97")                                 |                                                        |
|                                 |                                | Max. length                    | 600 m (1968.5')                                                                                                                                                                                                                                                                                                                                                                                                                         |                           |                          |                                                                |                                                        |
|                                 |                                | Other                          | Core diameter: 25.4 mm (1.0"), wind direction: face-in/face-out (No setting change required). Ribbon Low & Ribbon End Sensor.                                                                                                                                                                                                                                                                                                           |                           |                          |                                                                |                                                        |
| Operating characteristics       | Dimensions                     |                                | W275 mm, D457 mm, H321 mm<br>(Box: W370 mm x D600 mm x H430 mm )                                                                                                                                                                                                                                                                                                                                                                        |                           |                          | W338 mm, D457 mm, H321 mm<br>(Box: W460 mm, D640 mm, H450 mm ) |                                                        |
|                                 | Weight                         |                                | 15.5 kg/ 34.2 lbs (excludes media, ribbon, and options)                                                                                                                                                                                                                                                                                                                                                                                 |                           |                          | 19.4 kg/ 42.8 lbs (excludes media, ribbon, and options)        |                                                        |
|                                 | Enviroment                     | Driver                         | Windows OS: 11 / Server2025 / Server2022 / Server2019 / Server2016   MAC, Linux OS: CUPS drivers                                                                                                                                                                                                                                                                                                                                        |                           |                          |                                                                |                                                        |
|                                 |                                | Operating                      | Continuous/tear-off/cutter: 0-40°C/20-85% RH (without condensation)<br>Dispenser: 5-35°C/30-80% RH (without condensation)<br>Linerless cutter: 5-35°C/30-75% RH (without condensation)                                                                                                                                                                                                                                                  |                           |                          |                                                                |                                                        |
|                                 |                                | Storage                        | -20-60°C/5-90% RH (without condensation)                                                                                                                                                                                                                                                                                                                                                                                                |                           |                          |                                                                |                                                        |
|                                 | Power requirements             |                                | AC100V-240V±10%, 50/60Hz, Auto-ranging power supply                                                                                                                                                                                                                                                                                                                                                                                     |                           |                          |                                                                |                                                        |
|                                 | Touch Panel                    |                                | TFT Color LCD, 4.3 Inches, 480 x 272 dots (RGB)                                                                                                                                                                                                                                                                                                                                                                                         |                           |                          |                                                                |                                                        |
| Interface characteristics       | USB                            |                                | USB 2.0: Type A (1 front + 1 rear) & Type B (1 rear)                                                                                                                                                                                                                                                                                                                                                                                    |                           |                          |                                                                |                                                        |
|                                 | Ethernet                       |                                | 10BASE-T/100BASE-TX/1000BASE-T (IPv4/IPv6, SNMPv3 MIB-II, FTP, FTPS, NTP, LPR, DHCPv4-DHCPv6, HTTP/HTTPS, SCP, mDNS), DHCP Option 81, Option 12, Option 77.                                                                                                                                                                                                                                                                             |                           |                          |                                                                |                                                        |
|                                 | Serial port                    |                                | RS-232C 2400-115200 (D-sub 9pin)                                                                                                                                                                                                                                                                                                                                                                                                        |                           |                          |                                                                |                                                        |
|                                 | External IO port               |                                | EXT port (D-sub 15pin)                                                                                                                                                                                                                                                                                                                                                                                                                  |                           |                          |                                                                |                                                        |
|                                 | Remote Access                  |                                | SNMP Ver.3, HTTPs, SOS, WebConfig, SOTI Connect.                                                                                                                                                                                                                                                                                                                                                                                        |                           |                          |                                                                |                                                        |
|                                 | Supported Printer Protocols    |                                | Standard: SBPL (SATO Barcode Printer Language) Emulation Language: Auto detect - SZPL, SDPL, SIPL, STCL, SEPL, SMGL, SPGL, SFPL                                                                                                                                                                                                                                                                                                         |                           |                          |                                                                |                                                        |
|                                 | Dual Radio                     | Wireless LAN & Bluetooth® (*2) | IEEE802.11a/b/g/n/ac/ax, Tri-Band WLAN (2.4GHz, 5GHz, 6GHz), Wi-Fi Direct, WPS, Security WEP, WPA/WPA2/WPA3,DHCP Option 81, Option 12, Option 77                                                                                                                                                                                                                                                                                        |                           |                          |                                                                |                                                        |
| Bluetooth Ver.5.2 + BR/ EDR/BLE |                                |                                |                                                                                                                                                                                                                                                                                                                                                                                                                                         |                           |                          |                                                                |                                                        |
| Fonts/ symbologies              | Internal fonts                 |                                | Standard bitmap: U, S, M, WB, WL, XS, XU, XM, XB, XL, X20, X21, X22, X23, X24, OCR-A, OCR-B<br>Scalable fonts: 15 SATO fonts, multi-national language support (47 languages / Unicode), single and double byte fonts (Korean, Chinese, Japanese)                                                                                                                                                                                        |                           |                          |                                                                |                                                        |
|                                 | Linear barcodes                |                                | UPC-A, UPC-E, JAN/EAN, CODE39, CODE93, CODE128, GS1-128 (UCC/EAN128), CODABAR (NW-7), ITF, Industrial 2of5, Matrix 2of5, MSI, POSTNET, UPC add-on code, BOOKLAND, USPS code, GS1 DataBar Limited, GS1 DataBar Expanded, GS1 DataBar Expanded Stacked                                                                                                                                                                                    |                           |                          |                                                                |                                                        |
|                                 | 2D symbologies                 |                                | QR code, Micro QR code, rMQR, PDF417, Micro PDF, MAXI code, GS1 Data Matrix, Data Matrix (ECC200), Aztec code, GS1QR code and composite symbologies                                                                                                                                                                                                                                                                                     |                           |                          |                                                                |                                                        |
|                                 | Functions-Useful features      |                                | User guidance videos on LCD, error guidance on LCD, multi language support LCD message (31 languages), LCD screen layout customization, thermal head check, label waste prevention function, high precision printing mode, print preview function, remote desktop function, speaker, start on AC, notification function, calendar, password lock, logo/font data download function, barcode checker, AEP (Application Enabled Printing) |                           |                          |                                                                |                                                        |
|                                 | Self Diagnosis Checking        |                                | Thermal head check, Paper near-end detection, Ribbon end detection, Ribbon near-end detection, Test print, Head lift detection, Label Waste prevention sensor.                                                                                                                                                                                                                                                                          |                           |                          |                                                                |                                                        |
|                                 | Standard & agency approvals    |                                | Please contact your nearest SATO sales representative regarding agency approvals for your region.                                                                                                                                                                                                                                                                                                                                       |                           |                          |                                                                |                                                        |
|                                 | Warranty                       |                                | 2-Year limited manufacturer warranty. Subject to regional availability, SKU eligibility, and policy terms. Full details, exclusions, and coverage map available at: <a href="https://www.satoeurope.com/service-and-support/warranty.php">https://www.satoeurope.com/service-and-support/warranty.php</a>                                                                                                                               |                           |                          |                                                                |                                                        |
| Options                         | CL4-SXR: 4                     |                                | For printing: cutter kit [4,6], rotary cutter kit [4], dispenser kit (with internal rewinder) [4,6], linerless cutter kit [4], UHF RFID kit [4,6], HF RFID kit [4]                                                                                                                                                                                                                                                                      |                           |                          |                                                                |                                                        |
|                                 | CL6-SXR: 6                     |                                | Others: External rewinder RWG500 [4,6], barcode checker mount kit [4], external cover kit [4,6], Wireless LAN and Bluetooth kit [4,6], EXT conversion cable [4,6], Label Holder Kit [4]                                                                                                                                                                                                                                                 |                           |                          |                                                                |                                                        |

\*1 Without liner | \*2 Please contact your nearest SATO sales representative for availability | \*3 Only CL4-SXR is Wi-Fi certified



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