

CL608e

ONLINE

QTY: 000000

POWER ON LINE LABEL RIBBON ERROR

LINE

FEED

SERIES

SATO CL 600e

The enhanced CL 600e 6 inch Series – fast, flexible and packed with features to provide you with the best labelling solution.

Printing wide labels has never been easier or quicker than with the CL 600 e Series. This robust printer has been upgraded by integrating a state-of-the-art RISC processor into its industrial-designed mechanism. The high-speed throughput power of the Enhanced Series means that "time to first label" is almost instantaneous. Built into every CL 600 enhanced model is also a unique intelligent print head control. This feature constantly monitors the condition of the print head, automatically regulating the print energy, ensuring optimum and consistent print quality.

The 450 metre length of the carbon ribbon reduces the time needed for ribbon changes, while the print speed of up to 200mm/sec means you have a printer which will match even your most demanding production needs.

A remarkable 16 MB of SDRAM and 2 MB of internal Flash Memory are standard, enabling the CL 608e to print up to 1249 mm long and the CL 612e up to 833 mm. An optional 4 MB or 16 MB of memory is also available, allowing the storage of an immense number of True Type™ fonts, graphics and formats.

Multi-featured - the CL 600 e Series - designed to appeal to a wide variety of users in an array of fields.

With a choice between 8 different modular interfaces, the CL 600e Series presents you with true multi-connectivity. Select from bi-directional IEEE 1284, Centronics, Parallel, RS232 Standard, RS232 High-speed, RS422/485, USB, LAN and IBM Twinax/Coax, depending on your particular needs.

Also in reflection of your individual requirements, the LCD display is available in a range of European languages. Select a language or install your own to facilitate the straightforward set-up and use for the operator.



The easily readable display makes setting-up of the printer effortless.



# Advanced, High Speed, Wide Printing - the enhanced CL 600e Series.

# Technical Data

|                           | CL 608e  | CL 612e                       |        |        |          |       |  |        |        |          |        |        |          |        |        |      |        |        |      |         |        |      |        |        |      |  |
|---------------------------|--|-------------------------------|--------|--------|----------|-------|--|--------|--------|----------|--------|--------|----------|--------|--------|------|--------|--------|------|---------|--------|------|--------|--------|------|--|
| Print Type                | Direct Thermal, Thermal Transfer   |                               |        |        |          |       |  |        |        |          |        |        |          |        |        |      |        |        |      |         |        |      |        |        |      |  |
| Resolution                | 0,125 mm (8 dot/mm, 203 dpi)   | 0,083 mm (12 dot/mm, 305 dpi) |        |        |          |       |  |        |        |          |        |        |          |        |        |      |        |        |      |         |        |      |        |        |      |  |
| Speed                     | User selectable from 100 mm/sec to 200 mm/sec  |                               |        |        |          |       |  |        |        |          |        |        |          |        |        |      |        |        |      |         |        |      |        |        |      |  |
| Darkness                  | 3 steps; selectable by printer driver (<ESC> codes) or via display   |                               |        |        |          |       |  |        |        |          |        |        |          |        |        |      |        |        |      |         |        |      |        |        |      |  |
| Print Area                | <table><thead><tr><th>Pitch</th><th>Width</th><th></th><th>Pitch</th><th>Width</th><th></th></tr></thead><tbody><tr><td>178 mm</td><td>152 mm</td><td>Standard</td><td>178 mm</td><td>165 mm</td><td>Standard</td></tr><tr><td>356 mm</td><td>152 mm</td><td>&lt;AX&gt;</td><td>356 mm</td><td>165 mm</td><td>&lt;AX&gt;</td></tr><tr><td>1249 mm</td><td>152 mm</td><td>&lt;EX&gt;</td><td>704 mm</td><td>165 mm</td><td>&lt;EX&gt;</td></tr></tbody></table> | Pitch                         | Width  |        | Pitch    | Width |  | 178 mm | 152 mm | Standard | 178 mm | 165 mm | Standard | 356 mm | 152 mm | <AX> | 356 mm | 165 mm | <AX> | 1249 mm | 152 mm | <EX> | 704 mm | 165 mm | <EX> |  |
| Pitch                     | Width  |                               | Pitch  | Width  |          |       |  |        |        |          |        |        |          |        |        |      |        |        |      |         |        |      |        |        |      |  |
| 178 mm                    | 152 mm   | Standard                      | 178 mm | 165 mm | Standard |       |  |        |        |          |        |        |          |        |        |      |        |        |      |         |        |      |        |        |      |  |
| 356 mm                    | 152 mm   | <AX>                          | 356 mm | 165 mm | <AX>     |       |  |        |        |          |        |        |          |        |        |      |        |        |      |         |        |      |        |        |      |  |
| 1249 mm                   | 152 mm   | <EX>                          | 704 mm | 165 mm | <EX>     |       |  |        |        |          |        |        |          |        |        |      |        |        |      |         |        |      |        |        |      |  |
| Media Width               | 47-177 mm (50-180 mm incl. backing paper)  |                               |        |        |          |       |  |        |        |          |        |        |          |        |        |      |        |        |      |         |        |      |        |        |      |  |
| Media Length and Calliper | Batch: 16-356 (19-359 mm incl. backing paper) 0,08-0,21 mm<br>Dispense: 22-356 (25-359 mm incl. backing paper) 0,1-0,16 mm<br>Cutter: 32-356 (35-359 mm incl. backing paper) 0,1-0,25 mm<br>Tear-Off: 16-356 (19-359 mm incl. backing paper) 0,08-0,21 mm  |                               |        |        |          |       |  |        |        |          |        |        |          |        |        |      |        |        |      |         |        |      |        |        |      |  |
| Label Roll                | Maximum Roll Diameter: 200 mm (Face-In)<br>Label Inner Core Diameter: 76 mm Standard (40mm optional)   |                               |        |        |          |       |  |        |        |          |        |        |          |        |        |      |        |        |      |         |        |      |        |        |      |  |
| Media Types               | Die-Cut Label, Continuous Material, Tag Material<br>Roll Type: Face-In or Face-Out, Fan-Fold Type  |                               |        |        |          |       |  |        |        |          |        |        |          |        |        |      |        |        |      |         |        |      |        |        |      |  |
| Carbon Ribbon             | 450 Metre Long, Face-In, I.D.: 25.4 mm, Thickness: 4.5 Micron, Black and Coloured  |                               |        |        |          |       |  |        |        |          |        |        |          |        |        |      |        |        |      |         |        |      |        |        |      |  |
| Barcodes                  | UPC A/E, EAN 8 & 13, Code 39, Code 128, UCC/EAN 128, Interleaved 2 of 5, Industrial 2 of 5, Matrix 2 of 5, Codabar, MSI, Bookland, Postnet   |                               |        |        |          |       |  |        |        |          |        |        |          |        |        |      |        |        |      |         |        |      |        |        |      |  |
| Barcode Ratios            | 1:2, 1:3, 2:5  |                               |        |        |          |       |  |        |        |          |        |        |          |        |        |      |        |        |      |         |        |      |        |        |      |  |
| Barcode Sizes             | Height: 4 dots to 600 dots. Width: User definable  |                               |        |        |          |       |  |        |        |          |        |        |          |        |        |      |        |        |      |         |        |      |        |        |      |  |
| Rotational Capability     | 90° steps  |                               |        |        |          |       |  |        |        |          |        |        |          |        |        |      |        |        |      |         |        |      |        |        |      |  |
| 2-D Codes                 | Data Matrix, Maxicode, PDF 417, QR-Code  |                               |        |        |          |       |  |        |        |          |        |        |          |        |        |      |        |        |      |         |        |      |        |        |      |  |
| Fonts                     | U, S, M, WB, WL, XU, XS, XM, XB, XL, OCR-A/B, Outline Font (50-999 dots)<br>Rasterizer Font Triumvirate® & Times® (08 - 99 points or 16 - 999 dots)  |                               |        |        |          |       |  |        |        |          |        |        |          |        |        |      |        |        |      |         |        |      |        |        |      |  |
| Label Sensing             | Reflective Sensor (I-mark) bottom reading<br>See-through Sensor (Gap), movable   |                               |        |        |          |       |  |        |        |          |        |        |          |        |        |      |        |        |      |         |        |      |        |        |      |  |
| CPU                       | 32 bit SH3 RISC Processor/ 133MHz  |                               |        |        |          |       |  |        |        |          |        |        |          |        |        |      |        |        |      |         |        |      |        |        |      |  |
| Memory Capacity           | 16MB SDRAM; 2,9MB Input Buffer; 2MB Flash Memory Internal (standard)<br>Memory Expansion Optional - Internal: 4MB Flash Memory SIMM Card<br>- External: up to 4MB S-RAM Card or up to 16MB Flash Card  |                               |        |        |          |       |  |        |        |          |        |        |          |        |        |      |        |        |      |         |        |      |        |        |      |  |
| Interfaces                | ECP Parallel (IEEE 1284), Centronics Parallel, RS232C (2400 - 19.200 Baud),<br>RS232C Highspeed (9600 - 57.600 Baud), USB (12Mbit/s), LAN (TCP/IP protocol 10/100 Base T)<br>Twinax/Coax, RS422 / 485  |                               |        |        |          |       |  |        |        |          |        |        |          |        |        |      |        |        |      |         |        |      |        |        |      |  |
| Front Panel               | Operation Switches: Online Key, Feed Key<br>Setting Switches: 2 x 8 DIP-Switches<br>LED: Status<br>LCD: Menu Controlled Printer Configuration and Error Messages<br>Supported Languages: English (default), German, French, Spanish, Italian, Portuguese   |                               |        |        |          |       |  |        |        |          |        |        |          |        |        |      |        |        |      |         |        |      |        |        |      |  |
| Dimensions                | Height: 298 mm Width: 352 mm Depth: 429 mm   |                               |        |        |          |       |  |        |        |          |        |        |          |        |        |      |        |        |      |         |        |      |        |        |      |  |
| Weight                    | 19 kg (standard)   |                               |        |        |          |       |  |        |        |          |        |        |          |        |        |      |        |        |      |         |        |      |        |        |      |  |
| Power                     | 100V - 120V / 200V - 240V, 50/60 Hz, 130W  |                               |        |        |          |       |  |        |        |          |        |        |          |        |        |      |        |        |      |         |        |      |        |        |      |  |
| Environmental             | Operating: +5 - +40°C, humidity 30 - 80% RH non-condensing<br>Storage: -5 - +60°C, humidity 30 - 90% RH non-condensing   |                               |        |        |          |       |  |        |        |          |        |        |          |        |        |      |        |        |      |         |        |      |        |        |      |  |
| Approvals                 | CE, TÜV-GS, UL, CSA  |                               |        |        |          |       |  |        |        |          |        |        |          |        |        |      |        |        |      |         |        |      |        |        |      |  |
| Options                   | Rotary Cutter, Dispenser with External Backing Paper Rewinder, External Label Rewinder R610, Memory Expansion, Keyboard, Real Time Clock   |                               |        |        |          |       |  |        |        |          |        |        |          |        |        |      |        |        |      |         |        |      |        |        |      |  |

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