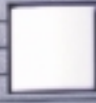


ONLINE
QTY: 000000

LINE STATUS FEED



SATO CL408e

SERIES
SATO CL 400e

Combining the experience of the CL 400 Series with the advanced SH3 RISC processor – the innovation behind SATO's enhanced CL 400 "e" Series puts it clearly out in front.

The pioneering technology behind the enhanced CL 400e Series has resulted in new throughput standards being set in the thermal transfer printing industry. The latest features of the CL 400e Series have put it in a class of its own. Label throughput has reached groundbreaking levels due to the integration of the SH3 RISC technology. This 133 MHz high-speed processor will increase your label production speed with ease and the 450-metre length of carbon ribbon reduces the time needed for ribbon changes.

The CL 400e Series, with optional dispenser and backing paper rewinder, guillotine cutter, 8 different interfaces and up to 16 MB of memory expansion is suitable for all applications. The durable print head also gives high quality print results, with a guaranteed long-life.

The variable print speed ensures the perfect match between media, ribbon and label format, achieving superior print quality. Alongside rapid throughput, the enhanced CL 400e Series has an exceptional memory capacity. With a full 16 MB SDRAM and 2 MB of internal Flash Memory, as standard, fast throughput is guaranteed. For the storage of fonts, graphics and formats an optional 4 MB are available as Flash ROM on a SIMM card. For those extreme requirements there is the choice of either 4 MB SRAM or an extra 16 MB Flash ROM, both on PCMCIA.

High calibre products, reflecting the demands of the market – that's what's kept SATO in the forefront for more than three decades.

The specially augmented range of eight modular interfaces has expanded the multi-connectivity. Choose from bi-directional IEEE 1284, Centronics Parallel, RS232 Standard, RS232 High-speed, RS422/485, USB, LAN and IBM Twinax/Coax to connect to almost every system.

The easily readable LCD display is available in a selection of European languages, making the set-up and use of the printer effortless and easily understood by the operator. Using the know-how of the CL 400 Series, combined with the latest technological developments, at cost-effective prices, SATO continues to set the standard in the barcode and label industry with the enhanced CL 400e Series.



The choice of different languages for the easily readable LCD display, makes set-up and use very easy.



The Enhanced CL 400e Series. Speed, Endurance and Easy on the Pocket.

Technical Data

	CL 408e	CL 412e																								
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 50 mm/sec to 150 mm/sec	User selectable from 50 mm/sec to 150 mm/sec																								
Darkness	5 steps; selectable by printer driver (<ESC> codes) or via display																									
Print Area	<table border="1"> <thead> <tr> <th>Pitch</th> <th>Width</th> <th>Standard</th> <th>Pitch</th> <th>Width</th> <th>Standard</th> </tr> </thead> <tbody> <tr> <td>178 mm</td> <td>104 mm</td> <td>Standard</td> <td>178 mm</td> <td>104 mm</td> <td>Standard</td> </tr> <tr> <td>356 mm</td> <td>104 mm</td> <td><AX></td> <td>356 mm</td> <td>104 mm</td> <td><AX></td> </tr> <tr> <td>1249 mm</td> <td>104 mm</td> <td><EX></td> <td>830 mm</td> <td>104 mm</td> <td><EX></td> </tr> </tbody> </table>	Pitch	Width	Standard	Pitch	Width	Standard	178 mm	104 mm	Standard	178 mm	104 mm	Standard	356 mm	104 mm	<AX>	356 mm	104 mm	<AX>	1249 mm	104 mm	<EX>	830 mm	104 mm	<EX>	
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Media Width	22-128 mm (25-131 mm incl. backing paper)																									
Media Length and Calliper	Batch: 06-178 (09-181 mm incl. backing paper) 0,08-0,21 mm Dispense: 17-178 (18-181 mm incl. backing paper) 0,08-0,18 mm Cutter: 17-178 (18-181 mm incl. backing paper) 0,08-0,21 mm Tear-Off: 17-178 (18-181 mm incl. backing paper) 0,08-0,21 mm																									
Label Roll	Maximum Roll Diameter: 220 mm (Face-In) Label Inner Core Diameter: 38-76 mm																									
Media Types	Die-Cut Label, Continuous Material, Tag Material, Roll Type - Face-In, Fan-Fold Type, Fabric.																									
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) Rasterizer Font Triumvirate® & Times® 08 – 99 points or 16 – 832 (CL 408e) 16 – 999 dots (CL 412e)																									
Label Sensing	Reflective Sensor (I-mark) bottom reading, movable See-through Sensor (Gap), movable																									
CPU	32 bit SH3 RISC Processor/133 MHz																									
Memory Capacity	16MB SDRAM; 2,9MB Input Buffer; 2MB Flash Memory Internal (standard) Memory Expansion Optional - Internal: 4MB Flash Memory SIMM Card - 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) RS232C Highspeed (9600 – 57.600 Baud), USB (12Mbit/s), LAN (TCP/IP protocol 10/100 Base T) Twinax/Coax, RS422 / 485																									
Front Panel	Operation Switches: Online Key, Feed Key Setting Switches: 2 x 8 Dip-Switches LED: Status LCD: Menu Controlled Printer Configuration and Error Messages, Supported Languages: English (default), German, French, Spanish, Italian, Portuguese																									
Dimensions	Height: 321 mm, Width: 271 mm, Depth: 430 mm																									
Weight	13 kg (standard)																									
Power	100V - 120V / 200V - 240V, 50/60 Hz, 130W																									
Environmental	Operating: + 5 - + 40°C, humidity 30 - 80% RH non-condensing Storage: - 5 - + 60°C, humidity 30 - 90% RH non-condensing																									
Approvals	CE, TÜV-GS, UL, CSA																									
Options	Guillotine Cutter, Dispenser with Internal Backing Paper Rewinder, External Label Rewinder R400, Memory Expansion, Keyboard, Real Time Clock																									

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 Internet: www.sato-europe.com



SATO Europe makes no guarantee that the above features are available in all models, and specifications are liable to change, without notice.

hah design, hagen (GER)