



CL 400e CL 600e

Speed and Endurance - SATO's CL Series

The CL Series offers high-speed data transmission, unrivalled processing power and loads of on-board memory, to propel your label production into another dimension. All this, in a heavy duty industrial housing, at an economical price.

- ✓ *High Speed Throughput!*
- ✓ *200/300dpi!*
- ✓ *4 and 6 inch print width!*
- ✓ *Multilingual display*
- ✓ *Easy connectivity*
- ✓ *Powerful memory*
- ✓ *Windows® compatible*

Enhanced - The pioneering CL Series has set new benchmarks in label throughput. The SH3 processor delivers high-speed data transmission and unrivalled processing power.

Powerful - The 16MB of SDRAM and 2MB of Flash as standard memory handles your font, format and graphic storage demands. A further 4 MB is available on a flash or SIMM card.

Flexible - Users have the choice of printing from any Windows® based applications, using the SATO SBPL programming language, printing from a label design software program, or printing stand-alone with the SATO Smart Keyboard.

Effortless - Designed with the operator in mind, the easily-readable LCD display is available in a selection of languages.

Easy Connectivity - With a wide range of plug-in interfaces to choose from, the CL Printers connect to almost every system.



CL 400e

CL 600e

Printing Method	Direct or Thermal Transfer			
Print Resolution	8 dots/mm (203 dpi)	12 dots/mm (305 dpi)	8 dots/mm (203 dpi)	12 dots/mm (305 dpi)
Print Speed	Up to 150 mm/second (6 ips)		up to 200 mm/second (8 ips)	
Max. Print Width	104 mm (4.1")		152 mm (6")	164 mm (6.5")
Max. Print Length	1249 mm (49.2")	833 mm (32.8")	1249 mm (49.2")	833 mm (32.8")
Media Size	Min 22 mm (0.87") W x 6 mm (0.24") L Max. 131 mm (5.1") W		Min. 50 mm (1.96") W x 20 mm (0.78") L Max. 178 mm (7") W	
Max. Ribbon Size	111 mm (4.4") W x 450 m (1475 ft.) L; Face-In		172 mm (6.75") W x 410 m (1345 ft.) L; Face-In	
Dimensions	271mm W x 430 mm D x 321 mm H 10.7" W x 16.9" D x 12.6" H		352 mm W x 430 mm D x 298 mm H 13.8" W x 16.9" D x 11.7" H	
Weight	13 kg (28.7 lbs)		19 kg (41.9 lbs)	

Memory:

18 MB Standard with RAM storage for special characters
4 MB Flash Memory Module - Opt.
16 MB PCMCIA - Opt.

Processor:

32-BIT RISC

Media:

Roll or fan-fold die cut labels, plain paper face stock and synthetics.
Continuous stock using software control.

Max. Caliper: 0.25 mm (0.01")

Max. Roll Diameter: 218 mm (8.6")

Wind: Face-In

Modular Interfaces:

- ECP Parallel - IEEE1284
- Centronics parallel
- RS232C (2400-19,200 Baud)
- RS232C highspeed (9,600-57,600 baud)
- USB (12Mbit/s)
- LAN (TCP/IP protocol 10/100BaseT)
- Twinax/Coax
- RS422/585
- Wireless LAN 802.11b

Sensing:

Movable transmissive sensor for die cut labels and tags. Reflective sensor for use with preprinted sensing marks. Automatic or programmable setting of top of form

Barcode Symbolologies:

Linear: UPC-A, UPC-E, EAN-8, EAN-13, Code 39, Code 93, Code 128, Codabar, MSI, Bookland, Industrial 2/5, Interleaved 2/5, Matrix 2/5, Postnet, UCC/EAN 128

2-Dimensional: PDF417, Micro PDF417, Truncated PDF417, RSS-14, Maxicode, Data Matrix, QR Code

Barcode:

2:1, 3:1, 5:2 ratio with programmable height

Human Readable Fonts:

12 proportional, mono-spaced and outline fonts. (Code page 858, others available). Internal CG Triumvirate® and CG Times® fonts plus downloaded TrueType® fonts, scalable from 8 to 72 points.

Flexibility:

360° rotation of barcodes and text; character expansion horizontally and vertically, sequential numbering, form overlay for high-speed editing of complex formats.

Graphic Support:

- SATO Hex/binary format
- PCX format
- BMP format

AC Power:

115V/220V (± 10%), 50/60 Hz (± 1%)

Environmental:

Operating: 5° to 40°C (41° to 104°F)

15-85% RH, non-condensing

Storage: -5° to 60°C (23° to 140°F)

max. 90% RH, non-condensing

ESD: 8kV

Approvals:

CE, UL, CSA, TÜV

Options:

Cutter, Dispenser with Internal Backing Paper Rewinder, PCMCIA Memory Expansion, Flash ROM Memory Expansion, Real Time Clock, Rewinder, SATO Smart Keyboard



Switzerland • OPAL Associates AG • Motorenstrasse 116 • CH-8620 Wetzikon • Telefon +41 (0)1 931 12 22 • Telefax +41 (0)1 931 12 20 • Email info@opal-holding.com • URL <http://www.opal.ch/> • OPAL Associates SA • Avenue des Boveresses 54 • Case postale 29 • CH 1000 Lausanne 21 • Telefon +41 (0)21 653 95 00 • Telefax +41 (0)21 653 95 02 • Email info@opal-holding.com • URL <http://www.opalsa.ch/> • Germany • OPAL Associates GmbH • Löhnerhofstrasse 2 • D-78467 Konstanz Telefon • +49 (0)7531 813 000 • Telefax +49 (0)7531 813 00 99 • Email info@opal-holding.com • URL <http://www.opalgmbh.de/> • OPAL Associates GmbH • Osterholder Allee 2 • 25421 Pinneberg • Telefon +49 (0)4101 787 615 • Telefax +49(0)4101 787 616 • Email info@opal-holding.com • OPAL Solutions GmbH • Wilhelmstr. 22 • 52428 Jülich • Telefon +49 (0)2461 936 770 • Telefax +49(0)2461 936 771 • Email info@opal-holding.com • URL <http://www.opal-solutions.de/> • Austria • OPAL Associates GesmbH • Vorrarlberger Wirtschaftspark • A-6840 Götzis • Telefon +43 (0) 5523 58833 • Telefax +43 (0)5523 521569 • Email info@opal-holding.com • URL <http://www.opalgmbh.at/>