



CL 4000e CL 6000e

## 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

<b>Printing Method</b>	Direct or Thermal Transfer			
<b>Print Resolution</b>	8 dots/mm (203 dpi)	12 dots/mm (305 dpi)	8 dots/mm (203 dpi)	12 dots/mm (305 dpi)
<b>Print Speed</b>	Up to 150 mm/sec (6 ips)		Up to 200 mm/sec (8 ips)	
<b>Max. Print Width</b>	104 mm (4.1")		152 mm (6")	164 mm (6.5")
<b>Max. Print Length</b>	1249 mm (49.2")	833 mm (32.8")	1249 mm (49.2")	833 mm (32.8")
<b>Media Size</b>	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	
<b>Max. Ribbon Size</b>	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	
<b>Dimensions</b>	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)	
<b>Weight</b>	14 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, 118 Mhz

### 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
- RS422/485
- 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 Symbologies:

**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