The new "e" Series of CL printers brings the latest in technology to the world of Thermal Transfer Label Printing. The CLe Series printers offer high-speed data transmission, unparalleled processing speed and large amounts of on-board memory to quickly and easily manage any label printing requirement.

**Throughput** - The CLe Series printers set new benchmarks in label throughput. A new generation RISC processor provides high performance in label production even when printing directly from standard Windows® applications.

**Memory** - The CLe Series printers come with a full 18 MB of on-board memory standard! Enough memory for storing multiple fonts and graphics without the need for optional memory for most applications.

**Windows® Compatible** - Users still have the option of producing high quality labels by using either SATO’s native command language (SBPL) or quality label design and production software. Now, the ability to easily and efficiently produce labels direct from Windows® applications such as Word, Excel, Access, etc. is also an option.

**Interface Connections** - Choose from one of SATO’s standard high-speed, bi-directional Plug-In Interface Modules: IEEE1284 Parallel, 57.6k bps High-Speed Serial, or Universal Serial Bus (USB). Also available are optional Plug-In Interface Modules for Twinax/Coax, Ethernet-10/100BaseT (incl. WPCPlus), RS422/485 Serial and Wireless 802.11b.
## SATO CLe Series Printers

![CL408e, CL412e, CL608e, CL612e](images)

<table>
<thead>
<tr>
<th></th>
<th>CL408e</th>
<th>CL412e</th>
<th>CL608e</th>
<th>CL612e</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Printing Method</strong></td>
<td>Direct or Thermal Transfer</td>
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<td>Direct or Thermal Transfer</td>
<td>Direct or Thermal Transfer</td>
</tr>
<tr>
<td><strong>Print Resolution</strong></td>
<td>203 dpi (8 dpmm)</td>
<td>305 dpi (12 dpmm)</td>
<td>203 dpi (8 dpmm)</td>
<td>305 dpi (12 dpmm)</td>
</tr>
<tr>
<td><strong>Print Speed</strong></td>
<td>Up to 6 ips (150 mm/second)</td>
<td>up to 8 ips (200 mm/second)</td>
<td>6&quot; (152 mm)</td>
<td>6.5&quot; (164 mm)</td>
</tr>
<tr>
<td><strong>Max. Print Width</strong></td>
<td>4.1&quot; (104 mm)</td>
<td>6&quot; (152 mm)</td>
<td>49.2&quot; (1249 mm)</td>
<td>32.8&quot; (833 mm)</td>
</tr>
<tr>
<td><strong>Max. Print Length</strong></td>
<td>49.2&quot; (1249 mm)</td>
<td>32.8&quot; (833 mm)</td>
<td>49.2&quot; (1249 mm)</td>
<td>32.8&quot; (833 mm)</td>
</tr>
<tr>
<td><strong>Media Size</strong></td>
<td>Min. 0.87&quot; (22 mm) W x 0.24&quot; (6 mm) L</td>
<td>Min. 1.96&quot; (50 mm) W x 0.78&quot; (20 mm) L</td>
<td>Max. 5.1&quot; (131 mm) W</td>
<td>Max. 7&quot; (178 mm) W</td>
</tr>
<tr>
<td><strong>Max. Ribbon Size</strong></td>
<td>4.4&quot; (111 mm) W x 1475 ft. 9450 m) L; Face-In</td>
<td>6.75&quot; (172 mm) W x 1345 ft. (410 m) L; Face-In</td>
<td>10.7&quot; W x 16.9&quot; D x 12.6&quot; H</td>
<td>13.8&quot; W x 16.9&quot; D x 11.7&quot; H</td>
</tr>
<tr>
<td><strong>Dimensions</strong></td>
<td>(271mm W x 430 mm D x 321 mm H)</td>
<td>(352 mm W x 430 mm D x 298 mm H)</td>
<td>10.7&quot; W x 16.9&quot; D x 12.6&quot; H</td>
<td>13.8&quot; W x 16.9&quot; D x 11.7&quot; H</td>
</tr>
<tr>
<td><strong>Weight</strong></td>
<td>28.7 lbs (13 kg)</td>
<td>41.9 lbs (19 kg)</td>
<td>28.7 lbs (13 kg)</td>
<td>41.9 lbs (19 kg)</td>
</tr>
</tbody>
</table>

### 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: 0.01" (0.25 mm)
  - Max. Roll Diameter: 8.6" (218 mm)
- Wind: Face-In

### 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

### Plug-In Interface Modules:
- Choose among standard Interfaces:
  - RS232 (9,600 to 57,600 bps)
  - Parallel - IEEE1284 (ECP)
  - Universal Serial Bus or optional Interfaces:
    - Ethernet - 10/100BaseT (incl. WPCPlus)
    - Twinax/Coax
    - Wireless 802.11b

### Barcode Symbologies:
- **2-Dimensional**: PDF417, Micro PDF417, Truncated PDF417, Maxicode, Data Matrix, QR Code

### Human Readable Fonts:
- 12 proportional, mono-spaced and outline fonts. (Code table 858)
- Internal CG Triumvirate® and CG Times® fonts plus downloaded TrueType® fonts, scalable from 8 to 72 points.

### Barcode:
- 2:1, 3:1, 5:2 ratio with programmable height

### 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: 41° to 104°F (5° to 40°C)
- 15-85% RH, non-condensing
- Storage: 23° to 140°F (-5° to 60°C)
- max. 90% RH, non-condensing
- ESD: 8kV

### Approvals:
- CE, UL, CSA, TÜV

### Options:
- Label Cutter, Label Dispenser, PCMCIA Memory Expansion, Flash ROM Memory Expansion, Real Time Clock

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