Streamlined Features
- High Throughput
- Print Speed up to 10 ips
- Thick Tags Supported
- Print, Cut and Stack Media
- Batch Separation Function
- Coreless Ribbon Supported
- Multiple Communication Interfaces
  - USB/LAN

Industry Verticals
- Retail Point of Sale
- Home Improvement
- Travel & Leisure
- Postal Services
- Security
- Hospitality
- Outlet Sales

Industry Applications
- Shelf Labels
- Bag and Sack Tagging
- Jewelry Tagging
- Asset Tagging
- Apparel Tagging
- Security Tagging
- Durable Goods
- Price Ticketing
- Mark Down Ticketing

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## Printer Specifications

<table>
<thead>
<tr>
<th>TG308</th>
<th>TG312</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Printing Method</strong></td>
<td>Direct Thermal/Thermal Transfer</td>
</tr>
<tr>
<td><strong>Print Resolution</strong></td>
<td>203 dpi (8 dots/mm)</td>
</tr>
<tr>
<td><strong>Printing Speed</strong></td>
<td>Maximum 10 ips (250mm/sec)</td>
</tr>
<tr>
<td><strong>Maximum Print Area</strong></td>
<td>3.1&quot; (80 mm) x 9.4&quot; (240 mm)</td>
</tr>
<tr>
<td><strong>Memory</strong></td>
<td>8 MB Flash ROM, 16 MB SDRAM</td>
</tr>
</tbody>
</table>

## Media Specifications

- **Sensor Type**: I-Mark Sensor (Reflection type), Label Gap Sensor (Transmissive type)
- **Media Type**: Roll and Fanfold (Face-in, Face-out)
- **Media Size**:
  - **Label** (Continuous): Width: 0.9" to 3.1" (22 to 80 mm), Pitch: 0.6" to 9.3" (16 to 237 mm)
  - **Label** (Cutter): Width: 0.9" to 3.1" (22 to 80 mm), Pitch: 0.9" to 9.3" (22 to 237 mm)
  - **Tag** (Continuous): Width: 1.3" to 3.3" (32 to 83 mm), Pitch: 1.0" to 9.4" (25 to 240 mm)
  - **Tag** (Cutter): Width: 1.3" to 3.3" (32 to 83 mm), Pitch: 1.0" to 9.4" (25 to 240 mm)
- **Thickness**:
  - **Label**: 0.006" to 0.01" (0.14 to 0.265 mm)
  - **Tag**: 0.006" to 0.013" (0.157 to 0.33 mm)
- **Roll Specs**: Maximum outer diameter: 10" (250 mm) - Inner diameter: 3" (76.4 mm) and 4" (102 mm)

## Font/Symbologies

- **Internal Fonts**: XU, XS, XM, XB, XL, OCR-A (15x22, 22x33), OCR-B (20x24, 30x36), CG Times, CG Triumvirate
- **Barcode Symbologies**:
  - **Linear**: UPC-A/UPC-E, JAN/EAN, CODE39, CODE93, CODE128, GS1-128(UCC/EAN128), CODABAR(NW-7), ITF, Industrial 2of5, Matrix 2of5, BOOKLAND, MSI, POSTNET, GS1 DataBar(RSS) barcode
  - **2-D**: QR code, MicroQR, PDF417, MicroPDF, MAXI code, GS1 DataMatrix (ECC200)
  - **Composite Symbols**: EAN-13 Composite, EAN-8 Composite, UPC-A Composite, UPC-E Composite, GS1 DataBar Composite, GS1 DataBar Truncated Composite, GS1 DataBar Stacked Composite, GS1 DataBar Stacked Omni-Directional Composite, GS1 DataBar Limited Composite, GS1 DataBar Expanded Composite, GS1 DataBar Expanded Stacked Composite, GS1-128 Composite

## Interface Characteristics

- **Interfaces**: Plug-In Interface Card, RS232C for Keypad, EXT Port Interface
- **Command**: Plug-In Interface Card Options: IEEE1284, RS232C, USB, LAN
- **SBPL (Ver 4.2)** SATO Barcode Printer Language

## Operating Characteristics

- **Power Requirements**: Input power voltage: AC 100V - 240V, ± 10% (Full range), 132W/134VA (Print ratio 30%)
  - In standby: 20W/22VA
- **Environment**:
  - **Operating**: 41 to 104 F (5° to 40°C), 30 to 80% RH, Non-condensing
  - **Storage**: 23 to 140 F (-5° to 60°C), 30 to 90% RH, Non-condensing
- **Regulatory Approvals**: FCC ISB Class B, VL60950-1(2001), CSA222, FCC ISC
- **Dimensions**: 11.18" (284 mm) W x 21.73" (552 mm) D x 11.81" (300 mm) H
- **Weight**: 35.71 lbs. (16.2 kg)

## Other

- **Optional Accessories**: Stacker, Rewinder, SATO Keypad, SOLO Keyboard