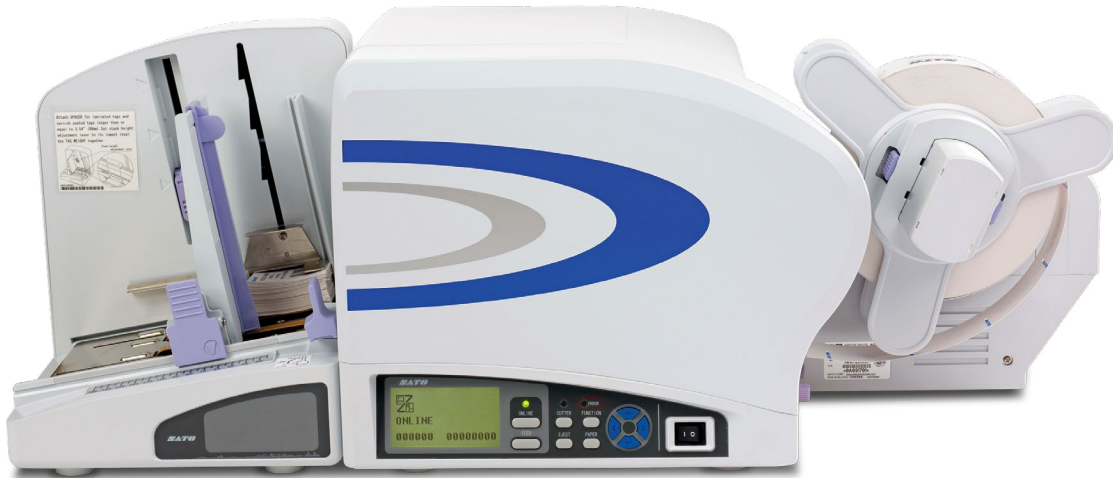




**TG308** 203 dpi  
**TG312** 305 dpi



Tag and Label Printer | TG Series



**Performance. Convenience. Versatility.**  
— SATO's Specialty Series of Printers —



Print, Cut & Stack  
Operation  
(Stacker Optional)



Large Media Supply



Large, Easy-to-Read  
LCD Display



Optional Programmable  
Keyboard  
(Stand-alone Operation)



Great for Retail  
Tagging

### 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/WLAN

### 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



# GENERAL SPECIFICATIONS

TG308 | TG312

PRINTER MODEL		TG308	TG312
<b>PRINT SPECIFICATIONS</b>			
<b>Printing Method</b>		Direct Thermal/Thermal Transfer	
<b>Print Resolution</b>		203 dpi (8 dots/mm)	305 dpi (12 dots/mm)
<b>Printing Speed</b>		Maximum 10 ips (250mm/sec)	
<b>Maximum Print Area</b>		3.1" (80 mm) x 9.4" (240 mm)	
<b>Memory</b>		8 MB Flash ROM, 16 MB SDRAM	
<b>MEDIA SPECIFICATIONS</b>			
<b>Sensor Type</b>		I-Mark Sensor (Reflection type), Label Gap Sensor (Transmissive type)	
<b>Media Type</b>		Roll and Fanfold (Face-in, Face-out)	
<b>Media Size</b>	<b>Label (Continuous)</b>	Width: 0.9" to 3.1" (22 to 80 mm) Pitch: 0.6" to 9.3" (16 to 237 mm)	
	<b>Label (Cutter)</b>	Width: 0.9" to 3.1" (22 to 80 mm) Pitch: 0.9" to 9.3" (22 to 237 mm)	
	<b>Tag (Continuous)</b>	Width: 1.3" to 3.3" (32 to 83 mm) Pitch: 1.0" to 9.4" (25 to 240 mm)	
	<b>Tag (Cutter)</b>	Width: 1.3" to 3.3" (32 to 83 mm) Pitch: 1.0" to 9.4" (25 to 240 mm)	
	<b>Thickness</b>	Label: 0.006" to 0.01" (0.14 to 0.265 mm) Tag: 0.006" to 0.013" (0.157 to 0.33 mm)	
	<b>Roll Specs</b>	Maximum outer diameter: 10" (250 mm) - Inner diameter: 3" (76.4 mm) and 4" (102 mm)	
<b>Ribbon (TT only)</b>		Width: Maximum 3.3" (84 mm), Maximum outer diameter: 1476' (450 m), Face Out/Face In	
<b>FONT/SYMBOLOGIES</b>			
<b>Internal Fonts</b>		XU, XS, XM, XB, XL, OCR-A (15x22, 22x33), OCR-B (20x24, 30x36), CG Times, CG Triumvirate	
<b>Barcode Symbolologies</b>	<b>Linear</b>	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	
	<b>2-D</b>	QR code, MicroQR, PDF417, MicroPDF, MAXI code, GS1 DataMatrix (ECC200)	
	<b>Composite Symbols</b>	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	
<b>INTERFACE CHARACTERISTICS</b>			
<b>Interfaces</b>		Plug-In Interface Card, RS232C for Keypad, EXT Port Interface	
<b>Command</b>		Plug-In Interface Card Options: IEEE1284, RS232C, USB, LAN, Wireless LAN	
<b>Command</b>		SBPL (Ver 4.2) SATO Barcode Printer Language	
<b>OPERATING CHARACTERISTICS</b>			
<b>Power Requirements</b>		Input power voltage: AC 100V - 240V, ± 10% (Full range), 132W/134VA (Print ratio 30%) In standby: 20W/22VA	
<b>Environment</b>	<b>Operating</b>	41 to 104 F (5° to 40°C), 30 to 80% RH, Non-condensing	
	<b>Storage</b>	23 to 140 F (-5° to 60°C), 30 to 90% RH, Non-condensing	
<b>Regulatory Approvals</b>		FCC ISB Class B, VL60950-1(2001), CSA222, FCC ISC	
<b>Dimensions</b>		11.18" (284 mm) W x 21.73" (552 mm) D x 11.81" (300 mm) H	
<b>Weight</b>		35.71 lbs. (16.2 kg)	
<b>OTHER</b>			
<b>Optional Accessories</b>		Stacker, Rewinder, SATO Keypad, SOLO Keyboard, SATO Label Gallery™	

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**LABEL MANUFACTURING, SERVICE & SALES**  
 UNITED STATES MEXICO CENTRAL AMERICA  
 CANADA CARIBBEAN

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