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TG3 Series

High Performance Printer for the Retail Industry

satoeurope.com

Features	Applications
• Supports Tags up to 0.33 mm thick • High Print Speed of 10 ips • Large LCD Display • Prints Brand Names and Logos • Automated Print-Cut-Stack • Function • RFID Ready	• Product Markdown • Product and Price Labelling • Swing Ticket Labelling

TG3 Technical Specification

Printer Specification			TG308	TG312
Printing Method			Direct Thermal and Thermal Transfer	
Print Resolution, dots/mm (dpi)			8 dots/mm (203dpi)	12 dots/mm (305dpi)
Max. Print Area	Width, mm (inch)		80mm (3.15")	
	Length, mm (inch)		240mm (9.45")	
Print Speed, mm/sec (ips)			Up to 250mm/sec (10ips)	
CPU			32 bit RISC	
Printer Body Memory			Flash ROM: 8MB	
Consumables Specification (Recommended to use printer supplies manufactured or certified by SATO)				
Sensor Type			I-Mark Sensor (Reflective), label Gap Sensor (Transmissive), side-hole sensor, notch sensor, jump-hole sensor	
Media Type			Roll die cut labels, Plain paper face stock, Synthetics, Continuous stock and Tags	
Media Thickness	Label		0.14 – 0.265mm (0.0055" – 0.01")	
	Tag		0.157 – 0.33mm (0.0061" – 0.013")	
Label Shape	Diameter		Max. outside diameter: Ø 254mm (10"), Core diameter: Ø 76.2mm (3") or Ø 101.6mm (4")	
	Wind Direction		Face-in	
Label Size	Continuous	Width	22 – 80mm (0.87" – 3.15")	
		Length	16 – 237mm (0.63" – 9.33")	
	Cutter	Width	22 – 80mm (0.87" – 3.15")	
		Length	22 – 237mm (0.87" – 9.33")	
Tag Size	Continuous	Width	32 – 83mm (1.26" – 3.27")	
		Length	25 –240mm (0.98" – 9.45")	
	Cutter	Width	32 – 83mm (1.26" – 3.27")	
		Length	25 –240mm (0.98" – 9.45")	
Ribbon	Size		Width: 39.5mm (1.56") to 84mm (3.31"), Max. Length: 450m (1476')	
	Core Diameter		Ø 25.4mm (1")	
	Wind Direction		Face-in/out	
Fonts / Symbologies				
Fonts	Standard Fonts		Bitmap Fonts Alphanumerical and Symbol: WB (18x30 dot), WL (28x52 dot), XU (5x9 dot), XS (17x17 dot), XM (24x24 dot), XB (48x48 dot), XL (48x48 dot), OCR-A (15x22 dot), OCR-A (22x23 dot), OCR-B (20x24 dot), OCR-B (30x36 dot)	
	Rasterized Fonts		CG Times, CG Triumvirate	
Barcode	1D Barcode		UPC-A/E, JAN/EAN-8/13, Code 39, Code 128, GS1-128 (UCC /EAN128), Codabar (NW–7), Interleaved 2 of 5, Bookland (2/5 char add-on code), GS1 Databar (RSS14), Composite JAN/EAN-8/13; Composite UPC A/E; Composite GS1 128/CC	
	2D Barcode		PDF417 (Ver2.4), MAXI Code (Ver3.0), QR Code, GS1 Data Matrix (ECC200)	
Print Rotation	Character Data / Barcode		0°, 90°, 180°, 270°	
Communication Interface				
Optional Plug-in Interface			IEEE1284, Centronics parallel, RS232C (2400-19,200 Baud), RS232C highspeed (9,600-57,600 baud), USB (12Mbit/s), LAN (TCP/IP protocol 10/100BaseT), Wireless LAN 802.11b/g	
Standard			External I/O Port, Serial Port for Keypad	
Command			SBPL	
Operating Characteristics				
Power Requirements			Input voltage AC100-240V (auto switching)/132W (peak)	
Consumption Voltage			At Peak: 132W, On Standby: 20W	
Environment	Operating		5 – 40°C / 30 – 80% RH (without condensation)	
	Storage		-5 – 60°C / 30 – 90% RH (without condensation)	
Dimension			(W x D x H): 284 x 552 x 300mm (11.2" x 21.7" x 11.8")	
Weight			16.2 kg (35.7 lbs)	
Miscellaneous				
Certifications			FCC, UL, KCC, CSA, CCC, CE, ROHS compliant	
Options				
Accessories			Large Stacker, Label Rewinder, RFID Kit (UHF and HF), Ribbon Core Adaptor Kit, Keypad, Smart Keyboard, NiceLabel, Real-Time Clock	

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