



DR3

VERSATILE STANDALONE SOLUTION

FEATURES

- /// Fast Speed Printing
- /// Durability
- /// Enduring
- /// Accommodates Large Label Rolls

APPLICATIONS

- /// Food Manufacturing
- /// Retail
- /// Department Store
- /// Entertainment
- /// Transportation and Logistics

PRINTING SPECIFICATION		DR308e
Printing Method		Direct Thermal, Thermal Transfer
Print Resolution, dots/mm (dpi)		8 dots/mm (203dpi)
Max. Print Area	Width, mm (inch)	80mm (3.15")
	Length, mm (inch)	181mm (7.13")
Print Speed, mm/sec (ips)		Up to 127mm/sec (5ips)
CPU		32 bit RISC
Printer 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), Jump-Hole Sensor	
Media Type		Roll die cut labels, Plain paper face stock, Synthetics, Continuous stock and Tags	
Media Thickness		0.07 – 0.265mm (0.0028" – 0.01")	
Label Shape	Diameter	Max. outside diameter: Ø 250mm (9.84"), Core diameter: Ø 38.1mm (1.5") or Ø 101.6mm (4")	
	Wind Direction	Face-in	
Label Size	Continuous	Width	29 – 77mm (1.14" – 3.03")
		Length	16 – 178mm (0.63" – 7.01")
	Tear-Off	Width	29 – 77mm (1.14" – 3.03")
		Length	22 – 178mm (0.87" – 7.01")
	Cutter	Width	29 – 77mm (1.14" – 3.03")
		Length	22 – 178mm (0.87" – 7.01")
	Dispenser	Width	29 – 77mm (1.14" – 3.03")
		Length	22 – 178mm (0.87" – 7.01")
Ribbon	Size	Width: 39.5mm (1.56") to 84mm (3.31"), Max. Length: 300m (984')	
	Core Diameter	Ø 25.4mm (1")	
	Wind Direction	Face-in	

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 INTERFACES	
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
Command Language	SBPL
Other Interfaces (standard)	External Port connector, RS-232C D-SUB9 pins (exclusively for Keypad)

OPERATING CHARACTERISTICS		
Power Requirements	Input voltage AC100-240V (auto switching)/104W (peak)	
Dimensions	(W x D x H): 211 x 350 x 240mm, (8.31" x 13.78" x 9.45")	
Weight	Approx. 8kg (17.6 lbs)	
Environment	Operating	5 – 40°C / 30 – 80% RH (without condensation)
	Storage	-5 – 60°C / 30 – 90% RH (without condensation)

MISCELLANEOUS	
Certifications	FCC, UL, CSA, CCC, CE, ROHS compliant Bluetooth® certified

OPTIONS	
Accessories	Cutter, Stacker, External Rewinder, Dispenser, Keypad, Real-Time Clock, SATO Label Gallery™

SATO makes no guarantee that the above features are available in all models, and specifications are liable to change, without notice. Version 09/10. * Measurements are approximate values.