



CUTTING EDGE TECHNOLOGY

- Ethernet and USB ports are standard
- 2-year Limited Warranty
- 60° high lift print mechanism for simplified media and ribbon loading
- Coreless ribbon take up
- Multiple on-board interface connectivity
- Collapsible bi-fold side access cover for tight print locations
- Energy Star compliant

Print Method	Direct/Thermal Transfer
Print Resolution	203 dpi
Print Width	4.09" (104mm)
Media Width	5.16" (131.1mm)
Media Thickness	23 mil
Print Speed (max)	14 inches per second

DIMENSIONS

271mm (W) x 321mm (H) x 457mm (D)
10.67" (W) x 12.64" (H) x 18" (D)

WEIGHT

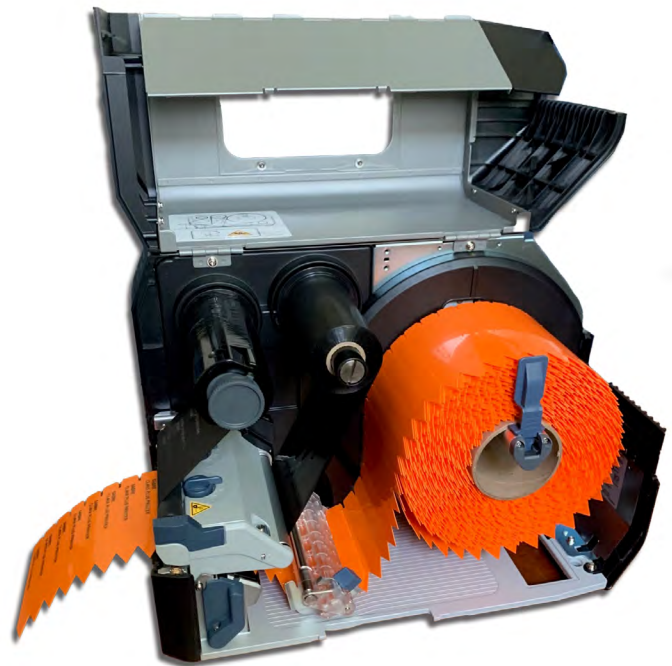
33 lbs

SHIPPING WEIGHT

35 lbs

COMPATIBLE SOFTWARE

Bartender Ultra Lite or NiceLabel Express



IDENTIFICATION SOLUTIONS FOR HORTICULTURE



Flowery Branch, GA
(800) 475-2040

www.SpecialtyTag.com

GENERAL SPECIFICATIONS

PRODUCT SPECIFICATIONS

Print Resolution		203 dpi (8 dots/mm)	
Print Speed		14 ips (355mm/sec)	
Print Area	Max Width	4.09" (104mm)	
	Max Length	98.42" (2500mm)	
Media Size (with liner)	Width	Continuous / Tear Off / Cutter / Dispenser	0.98" - 5.16" (25 - 131mm)
		Linerless	2.36" - 4.65" (60 - 118mm)
	Length	Continuous	0.35" - 98.43" (9 - 2500mm)
		Tear Off / Cutter	0.79" - 98.43" (20 - 2500mm)
		Dispenser	Thermal Transfer: 0.51" - 15.74" (13mm - 400mm), Direct Thermal: 1.18" - 15.74" (30 - 400mm)
		Linerless	1.18" - 4.72" (30 - 120mm)



PRINTING SPECIFICATIONS

Method	Direct Thermal or Thermal Transfer
Mode	Continuous, Tear-off, Cutter, Dispenser, Linerless

MEDIA SPECIFICATIONS

Sensor Type	Top Sensor, Adjustable Transmissive Sensor for Gap, Adjustable Reflective Sensor for Black Mark, Paper Out, Ribbon Near-End/Out, Label Near-End
Media Type	Roll (Continuous, Die-cut, Linerless), Fan-fold, Tag, Ticket

Media	
Thickness (Label & Liner)	0.0024" - 0.011" (0.060 - 0.268mm)

Roll Diameter	Up to 10" OD (254mm) on 3" (76.0mm) ID Core
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Wind	Face-in / Face-out. No Setting Change Required
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Ribbon	
Length	1,968.5' (600m) on 1" (25.4mm) ID Core

Width	1.55" - 5.04" (39.5 - 128mm)
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Roll Diameter	Maximum 3.54" (90.0mm)
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Wind	Face-in/Face-out, No Setting Change Required
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SATO Genuine Consumables	For maximum print quality and optimum use, SATO recommends the use of SATO genuine consumables.
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FONT SPECIFICATIONS

Internal Fonts	17 Bitmap SATO Fonts, 30 Scalable SATO Fonts, Multi-National Language Support (47 Languages/Unicode), Single and Double Byte Fonts (Korean, Chinese, Japanese)
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RFID SPECIFICATIONS	
Options	UHF: Gen 2 ISO/IEC 18000-6C HF: ISO/IEC 15693 & ISO/IEC 4443

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CONNECTIVITY

Standard	USB 2.0 (Type A, Type B), Ethernet (IPv4/IPv6) on Rear Panel, USB 2.0 (Type A) on Front Panel, RS-232C, Parallel Port, EXT I/O Interface, NFC
Optional Wireless LAN Kit (Internal)	Wi-Fi® and Wi-Fi Direct® Certified, IEEE 802.11ac, Dual Band (2.4 GHz, 5 GHz)

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MEMORY & PROCESSING	
Dual CPU	CPU1: 2GB Flash, 256MB RAM CPU2: 4MB Flash, 64 MB RAM

User Downloadable Fonts, Videos, Graphics or Format	Maximum 100MB
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USER FRIENDLY SUPPORT TOOLS	
Large Status LED	Blue / Red

Audible Alerts	Adjustable Volume Setting
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Self Diagnosis	Head Check, Cutter-Cover Open, Stand-by Mode, Auto-Calibration
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Display Panel	3.5" Full Color LCD
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Tool-Free Maintenance	Print Head Replacement and Adjustment, Visual Wear Indicator for Platen Roller (Pure Line)
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Multi-national Language Support	47 Printable Languages with Scalable Fonts 31 Major Latin, Pan European and Asian Languages for LCD Menu
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Operation Videos	Multiple Instructional Videos On-board, Space for Customized Videos
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Emulation	Auto Detect - SBPL®, SEPL®, SZPL®, SDPL®, SIPL® or STCL® (pre-installed), XML, PDF Direct Printing*, AEP* *Contact your SATO Sales Representative for more information/requirements
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Remote Maintenance	SNMP Ver. 3, Web Interfaces, SATO Online Services (SOS), All-In-One Tool (AIOT), SOTI Connect
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Options	Guillotine Cutter, Linerless Cutter, Dispenser with Internal Liner Rewinder, Real-Time Clock, Barcode Validator, RWG500 External Rewinder, UHF RFID, HF RFID, Wireless LAN
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BARCODE SYBLOGIES

Barcodes	Linear Code 39, Code 93, Code 128, CODABAR (NW7), EAN8/13, GS1-DatabarTM, GS1-128 (UCC/EAN128), Interleaved 2/5, Industrial 2/5, JAN 8/13, Matrix 2/5, MSI, Bookland, PostnetTM, UPC-A/E
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2D Sybologies	PDF417, Micro PDF, Maxi Code, GS1 Data Matrix, QR Code, Micro QR Code and Composite Sybologies, Aztec
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OPERATING CHARACTERISTICS	
Electrical Requirements	Universal Auto-ranging Power Supply, 100-240VAC +/- 10%, 50/60Hz

Standards & Agency Approvals	Please contact SATO regarding agency approvals in your area.
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Environment	
Operating	32 to 104°F (0 to 40°C), 30-80% RH, (without condensation); Linerless: 40 to 95°F (5 to 35°C) 30 - 75% RH, (without condensation)

Storage	-4 to 140°F (-20 to 60°C), 30 - 90% RH, (without condensation)
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PHYSICAL CHARACTERISTICS	
Dimensions	18.00" L x 10.67" W x 12.64" H (271mm x 457mm x 321mm)

Weight	33.28 lbs (15.1kg)
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Construction	Die-cast Aluminum (Base, Frame, Front Cover, Ribbon Spindle, Print Head Mechanism)
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Side-cover	Space saving design with large media supply window and bi-fold door for easy access in confined locations
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Secure Mounting	3 Keyhole Slots on Chassis for Flat or Incline Setting
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MISCELLANEOUS	
Functions - Useful Features	Micro Label Printing, Standalone Printing with SATO Application Enabled Printing (AEP), SATO Online Services (SOS), Multiple Interfaces-Auto-Switching, Status Return

Rotation	Auto-label Rotation: 0°, 90°, 180°, 270°
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