









CURRENT OPERATION

STREAMLINE DAILY OPERATIONS

Robust design for industrial printing

- ✓ Thermal head and platen roller 1.6 times* more durable than previous models.
- ✓ Large ribbon roll capacity 50% reduction in change frequency.
- Easy, tool-free replacement of service parts

*Based on internal testing



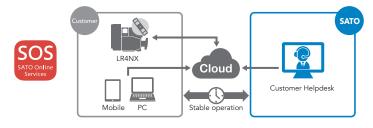
Thermal head

Platen roller

PREVENT BREAKDOWNS BEFORE THEY OCCUR

IoT-based preventative maintenance for stable operations

Monitor printer operations 24/7 & notify when part needs to be replaced, while keeping operations running.



TROUBLESHOOTING

On-the-spot fixes for problems

Send operators email notifications and video tutorials/instruction manuals to fix errors promptly



User-friendly features for greater operational efficiency!

EASY AND INTUITIVE TO USE

3.5-inch large LCD screen.

Guidance videos to help users e.g. load labels, ribbons or replace service parts easily.

Different display colors to showprinter status at a glance.



3-color stack light Quickly alert users to high priority conditions from a distance.



PACKED WITH USEFUL FUNCTIONS

Accurate and stable operation for peace of mind

Please clean print head

이강주 제조 지금 티켓 부품 번호 1 2 3 4 5 - 1 1 1 1 0 유수 10

발입 제 : S-EB124G 에비스 공장 2 4 수입 남입 로케 : 12345-38 남입 N o : 0000001

CD: 1234

주문과 사로 화학 유한 공사

등영 : SATO-S분족 납입 일 : XX/09/083항공편

- Head cleaning notification
- Command error indication
- ✓ Password lock
- Printer settings backup / clone

Multi-Language Capability

- Support 31 display and 47 print languages.
- Also contains built-in Unicoded scalable fonts

Next-Generation Smart Printing

- Support Application-Enabled Printing (AEP) Connect printer directly to peripheral devices for standalone printing or PLCs for integrated printing without costly computers
- Auto detection of emulation languagues (SZPL, SIPL, SDPL)

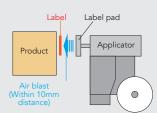
Available in a wide range of variations to meet different customer needs

8

Customise your system by choosing from a variety of application methods, mounting points and machine configurations.

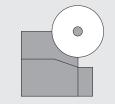
AVAILABLE MODELS

CYLINDER JET (CJ-TYPE)



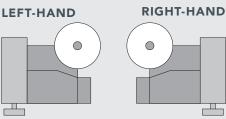
Extends cylinder arm and uses air to blow label onto the surface of moving products

ONE TYPE AVAILABLE WITHOUT CYLINDER



This shows left hand without cvlinder.

MACHINE CONFIGURATIONS



Label feed direction





SATO LR4NX is based on SATO unique **AEP** Technology.

SATO AEP allows for tailor-made labelling applications including PC-less printing, direct connection of peripherals such as keyboards, scanners and scales for data input.



Technical Information

PRINTING SPECIFICATION Model Name LR4NX L (Left Hand); LR4NX R (Right Hand) Printing Method Direct Thermal / Thermal Transfer Print Resolution 8 dots/mm (203 dpi); 12 dots/mm (305 dpi) Max. Print Speed 10ps Max. Print Speed 10ps Internal Memory / Receive Buffer User Ara: Max: 619M8 Label Type Roll paper Label Type Roll paper Label Type Mod Direction: Face-in / Face-out	
Printing Method Direct Thermal / Thermal Transfer Print Resolution 8 dots/mm (203 dpi); 12 dots/mm (305dpi) Max. Print Speed 10jps Max. Print Area Width Length 2500mm (98.4") (203dpi); 1500mm (59") (305dpi) Internal Memory / Receive Buffer User Area: Max. 619MB Application Method CJ (Cylinder Jet) Type: Cylinder stroke standard 200mm (valid stroke is within 182mm) Blowing distance up to 10mm, conveyor speed up to 21m/min CONSUMABLE SPECIFICATION Label Type Roll paper Label Thickness 140 ~ 240pm (Including Liner) Label Shape Diameter Windb Direction Face-in / Face-out Label Size Width 30 ~ 117mm (1.1" ~ 4.6") (Depends on application method) Without Liner) Length 30 ~ 117mm (1.5" ~ 4.3") Other Windb Direction: Face-in / Face-out Koron Direction: Size Max. Length: 600m (236") Width 30 ~ 117mm (1.5" ~ 4.3") Other Other Windb Direction: Face-in / Face-out Core Diameter: q25.4 mm (q1") Core Diameter: q25.4 mm (q1") Standard Bitmap	
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Interface Data Interface: LAN 10BASE-T/100BASE-TX (IPv4/IPv6, SNMPv1~v3 MIB-II, FTP, NTP, LPR, DHCP, Http/Https), RS-232C, For configuration: USB 2.0 High-speed TypeA	EEE1284
External Signal Interface Connector: 20 Pin (Terminal block: M3) and EXT (14 Pin)	
External signal interface Connector. 201 in (Terminal block, Mis) and EXT (141 in) Emulation SZPL, SIPL, SDPL	
Air (Under supply of oil-free, Pressure 0.45 ~ 0.5 MPa (4.5 - 5.0 Kgf/cm2)	<u> </u>
Consumption Approximately so litres/min (Depends on application method, label size, application process capacity, and other condition	s)
Environment Operating 5~35°C/25~85%RH (without condensation) Storage -5~60°C/25~90%RH (without condensation)	
Electrical Universal Auto-ranging Power Supply, 100-240 VAC +/-10%, 50/60 Hz	
Power Consumption Peak: 190W/190VA, Standby: 200V/30VA	
Dimensions W612mm×D325mm×H546mm (W24,09"×D12.79"×H21.49")	
Miscellaneous	
Agency Approvals RoHS, KC, IEC60950-1, EN60950-1, EN55032 Class A, EN55024 Features Guidance Videos, 31 Language Display on LCD, Notification of Cleaning Timing, Head Check, Real Time Cloper Password Lock, External Logo and Font Download, Turn-off LCD, Stand-by, Status Reply and more	
OPTIONS	ck(Optior
Accessories Object Detection Sensor, I/O Relay Box, Pressure Roller and more	ck(Optior
	ck(Optior

Contact us today for a free expert consultation:



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SATO New Zealand Limited

Regional Sales & Manufacturing 30 Apollo Drive, Mairangi Bay, Auckland 0632, New Zealand

All information in this leaflet is accurate as of April 2024. Product specifications are subject to change without notice



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