GTe4XXe

Engineered to Redefine High-performance Industrial Printing

No PC required

Built to last

RFID Ready!

Fastest in the market
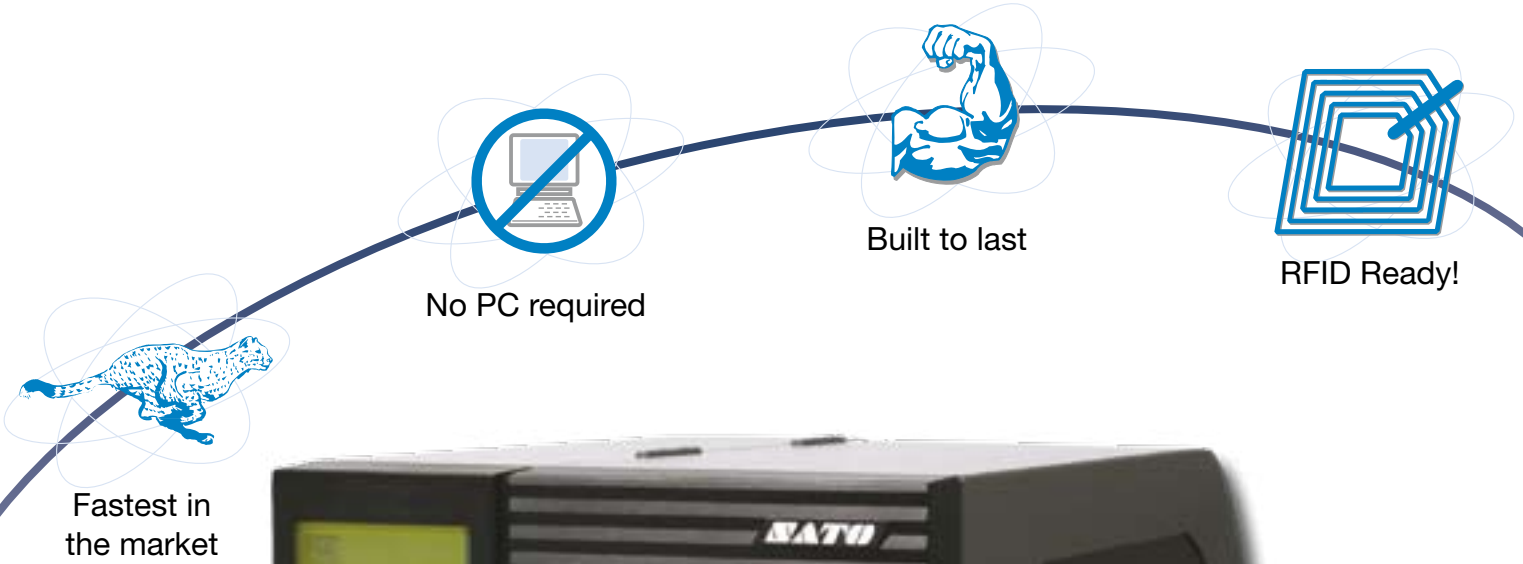
Large LCD display with graphical icons for user-friendly operation

Multifunction buttons providing easy-to-navigate menu options

User configurable print head 203/305/609 dpi

Tri-interface port for various connectivity
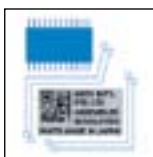
GTe408e / GTe412e / GTe424e
General Specifications

PRINTING SPECIFICATION		GTe408e	GTe412e	GTe424e
Printing Method		Direct Thermal or Thermal Transfer		
Print Resolution, dots/mm (dpi)		8 dots/mm (203dpi)	12 dots/mm (305dpi)	24 dots/mm (609dpi)
Max. Print Area	Width, mm (inch)	104 mm (4.1")		
	Length, mm (inch)	2.500 mm (98.43")	1.500 mm (59.10")	400 mm (15.7")
Print Speed, mm/sec		Up to 300 mm/sec (12 ips)	Up to 300 mm/sec (12 ips)	Up to 150 mm/sec (6 ips)
CONSUMABLES SPECIFICATION (Recommended to use printer supplies manufactured or certified by SATO)				
Sensor Type		Paper sensor: reflection type, penetration type		
Media Type		SATO recommended roll paper and fanfold		
Media Size	Width, mm	22 ~ 128 mm (25 ~ 131 mm with backing paper)		
	Length, mm	22 ~ 2500 mm	22 ~ 1500 mm	22 ~ 400 mm
	Thickness, mm	0.06 ~ 0.26 mm		
	Maximum external Diameter, mm	ø 265 mm (Paper core size: ø 76.2 mm) ø 230 mm (Paper core size: ø 38.1 mm, ø 101.6 mm)		
Ribbon	Wound	Face in, Face out		
	Inner Diameter, mm	25.5 mm		
	Width, mm	39.5 ~ 128 mm		
	Length, m	Max up to 450 m		
FONT / SYMBOLOGIES				
Font	Internal	XU, XS, XM, XB, XL, OCR-A, OCR-B, OUTLINE		
	TrueType Font	CG Times, CGTriumvirate (Featuring AGFA UFST)		
Barcode symbologies	1-Dimension	UPC-A/E, JAN8/13, EAN8/13, CODE39, CODE93, CODE128, UCC/EAN128, NW-7, Customer Barcode, MSI, Interleaved 2 of 5, Industrial 2 of 5, Matrix 2 of 5, BookLand, POSTNET, RSS-14		
	2-Dimension	QR Code (Ver. 8.1: Chinese QR and Korean QR are not included); PDF417 (Ver. 2.4: Including Micro PDF417); MAXI Code (Ver. 3.0); Data Matrix ECC 200 (Ver. 2.0); Composite Symbology (Compatible with CC-A/B/C by UPC-A/E, JAN8/13, EAN8/13, CODE39, CODE128, RSS-14)		
INTERFACE CHARACTERISTICS				
Processor		32-bit RISC		
Optional interface	1st Slot	Mini LAN only		
	2nd Slot	High-speed RS-232C, USB, IEEE1284, LAN, RS-422/485, Wireless LAN		
	3rd Slot	14-pin or 25-pin Ext Signal Board		
STANDARD FEATURES				
Memory		6 MB Memory Cartridge, 2 MB free available		
Menus languages		English, German, French, Italian, Spanish, Portuguese		
SEMBL		Basic Interpreter for stand-alone applications		
OPERATING CHARACTERISTICS				
Power Requirements		AC100 / 240V +/- 10% [Operation (peak): 200VA / 150W (Standby: 89VA / 40W)]		
Environment	Operating	0 ~ 40ºC / 30 ~ 80% RH (w/out condensation)		
	Storage	-5 ~ 60ºC / 30 ~ 90% RH (w/out condensation)		
Dimension (W x D x H), weight		W271 x D455 x H305mm / Approx. 15kg		
ACCESSORIES				
RFID kit, Cutter Unit (Guillotine Cutter), Simplified Dispenser Unit, Linerless Unit, Verifier mounting Bracket				
OTHERS				
Function	Useful Features	Status Return Function, Graphic Print, Sequential Number Print, Form Overlay Print, External Character Registration Function, Character Correction Function, Black/White Inversion Function, Box & Line Print, Dump List Function, Format Storage Function, Outline Variable Function, Label Skip Function, Zero Slash Switching Function, JIS/Shift JIS Switching Function		
	Self Diagnosis Checking	Head Check, Paper End Detection, Ribbon End Detection, Head Open Detection, Test Print, Ribbon Near End Detection		

Recommended applications
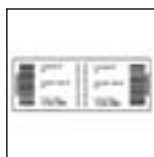
Construction / Industrial
The 203 dpi solution is suitable for printing simple labels with human-readable characters, without the need to print either 2D-code or graphics.

Warehousing / Logistics
305 dpi is the standard resolution used for logistics (such as printing shipping labels)
Capable of supporting small barcodes, 2D-code, as well as simple graphics
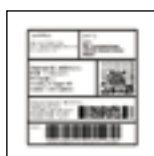

Semiconductor / Electronics
This high resolution 609 dpi solution is ideal for printing tiny label stickers for electronic peripherals such as PCBs, hard disk drives, and other small electronic components in both linear and 2D-code.

The "Standalone" Warehousing solution
SEMBL (SATO EMBEDDED BASIC LANGUAGE) enables developed software applications to reside within the GT printer.
- Plug-and-Play feature for connectivity of peripheral devices (i.e., scanners, scales, keyboards)
- Easy to operate configuration for quick installation

Dual LAN System
- MiniLAN allows printing and receiving error status through SMTP / POP3 / HTTP
- Option of using two ports. Checking printer status while sending data such as e-mail (SMTP) can be done simultaneously
- Capable of forwarding printer status to mobile phones (via SMTP)
- Staff can work from anywhere.

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