

Option Name/ Printer Model	M84Pro	GL4e Series	GTe Series	CLe Series	LM408e/ LM412e	M5900 RVe	IM10e	MIBi Series	CG208/ CG212	CG408/ CG412	CT400/ CT410	TG308 TG312
Battery/Battery Pack								S			●	
Dispenser	●	●	●	●		●		S	●	●	●	
Internal Rewinder		●		●*								
Cutter	●	●	●	●		●	●		●	●	●	S
External Rewinder	●	●	●	●		●	●					●
Stacker												●
RS232 Serial	S*	S	S*	S*	S*	S*	S*	S	●	●	●	●
IEEE1284 Parallel	S*	S	S*	S*	S*	S*	S*		●	●	●	●
USB	S*	S	●	S*	S*	S*	S*	▲	S	S	●	●
10/100 Base T Ethernet	●	●	●	●	●	●	●		●	●	●	●
802.11b/g Wireless	●	●	●	●	●	●	●	●			●	●
Bluetooth								●				
Real Time Clock	●	●	●	●		●	●			●		
PC Card PCB Assembly	●			●		●	●					
IC Card (Flash) 4MB	●			●		●	●					
IC Card (SRAM) 2MB/256KB	●			●		●	●					
Linerless			●					S			●	●
RFID (HF, UHF)		UHF	UHF	UHF/HF*					HF			

S - Standard ● - Optional S* - Standard choices are Parallel, Serial, USB ◆ - Available for CL4e Series only ▲ - Available for MB400/i410i only

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**The Global Leader
 in AIDC Solutions**

www.satoamerica.com

SATO
 DCS & Labeling Worldwide

M84Pro

- User configurable 203, 305, or 609 dpi print resolution
- RISC CPU for outstanding performance
- High print speed
- High print quality and print resolution
- Heavy-duty metal industrial construction
- Wide range of interface connectivity options using I/F Plug-In Modules
- Proven rugged reliable design
- 18 MB of on-board memory
- Print from any Windows® application



Printing Speed	203 dpi - Up to 10"/s (250 mm/s) 305 dpi - Up to 8"/s (200 mm/s) 609 dpi - Up to 6"/s (150 mm/s)
Print Resolution	203/305/609 dpi (8/12/24 dpmm)
Max Print Area	203 dpi - 4.1" W x 49.2" L (104 mm x 1249 mm) 305 dpi - 4.1" W x 32.8" L (104 mm x 835 mm) 609 dpi - 4.1" W x 14" L (104 mm x 356 mm)
Dimensions	10.4" (W) x 17.1" (D) x 13.4" (H)
Weight	39.7 lbs.

CLe Series

- High throughput
- Proven rugged design
- Options and features rich
- Wide range of interface connectivity options using high-speed I/F Plug-In Modules
- 18 MB of on-board memory
- Print from any Windows® application



CL408/412e	Printing Speed	Up to 6"/s (150 mm/s)
	Print Resolution	203/305 dpi (8/12 dpmm)
	Max Print Area	203 dpi - 4.1" W x 49.2" L (104 mm x 1249 mm) 305 dpi - 4.1" W x 32.8" L (104 mm x 835 mm)
	Dimensions	10.7" (W) x 16.9" (D) x 12.6" (H)
	Weight	28.7 lbs.

CL608/612e	Printing Speed	Up to 8"/s (200 mm/s)
	Print Resolution	203/305 dpi (8/12 dpmm)
	Max Print Area	203 dpi - 6" W x 49.2" L (152 mm x 1249 mm) 305 dpi - 6.5" W x 32.8" L (165 mm x 835 mm)
	Dimensions	13.8" (W) x 16.9" (D) x 11.7" (H)
	Weight	41.9 lbs.

GL408e/412e

- Field-upgradeable UHF RFID option
- Competitive emulations
- Industrial mid-range solution
- Multi-port interfaces
- Industry-leading printer management utility
- Maintenance simplicity
- LARGE graphical LCD
- Standard tri-port communication protocols



Printing Speed	Up to 10"/s (250 mm/sec)
Print Resolution	203/305 dpi (8/12 dpmm)
Max Print Area	4.09" W x 98.98" L (104 mm x 2514 mm)
Dimensions	10.75" (W) x 18" (D) x 12" (H)
Weight	33 lbs.

GTe Series

- User configurable resolution (203/305/609 dpi)
- Up to 12 ips print speed
- High print quality and print resolution
- Rugged industrial high performance
- LARGE Graphical LCD



Printing Speed	203 dpi - Up to 12"/s (300 mm/s) 305 dpi - Up to 12"/s (300 mm/s) 609 dpi - Up to 6"/s (150 mm/s)
Print Resolution	203/305/609 dpi (8/12/24 dpmm)
Max Print Area	203 dpi - 4.1" W x 98.43" L (104 mm x 2500 mm) 305 dpi - 4.1" W x 59.06" L (104 mm x 1500 mm) 609 dpi - 4.1" W x 15.75" L (104 mm x 400 mm)
Dimensions	10.67" (W) x 17.91" (D) x 12" (H)
Weight	33.07 lbs.

M10e

- Large format industrial printer
- Industry leading throughput
- High-speed interface
- Up to 11.8" wide
- Wrinkle-free media handling
- Options and features rich
- Wide range of interface connectivity options using I/F Plug-In Modules



Printing Speed	Up to 5"/s (125 mm/s)
Print Resolution	305 dpi (12 dpmm)
Max Print Area	10.51" W x 16.54" L (266.7 mm x 420 mm)
Dimensions	18.7" W x 12.3" D x 12.5"
Weight	50.7 lbs.

LM408e/412e

- Outstanding value
- All metal chassis
- 4.1" print width
- 6 ips print speed
- 203 or 305 dpi models



Printing Speed	Up to 6"/s (150 mm/s)
Print Resolution	203/305 dpi (8/12 dpmm)
Max Print Area	203 dpi - 4.1" W x 49.2" L (104 mm x 1249 mm) 305 dpi - 4.1" W x 32.8" L (104 mm x 835 mm)
Dimensions	10.7" (W) x 16.9" (D) x 12.6" (H)
Weight	28.7 lbs.

M5900Rve

- Long life print head
- High reliability, low maintenance
- Industry leading throughput
- Heavy-duty industrial construction
- Wide range of interface connectivity options using I/F Plug-In Modules



Printing Speed	Up to 6"/s (150 mm/s)
Print Resolution	203 dpi (8 dpmm)
Max Print Area	4.4" W x 49.2" L (112 mm x 1249 mm)
Dimensions	10.28" W x 12.67" D x 11.23" H
Weight	22.7 lbs.



TG308/TG312

- High performance tag printer
- Cut and stack capability
- Heavy-duty print mechanism
- Automatic calibration for correct print registration
- RFID Optional



Printing Speed	Max. 10 ips (250mm/sec)
Print Resolution	203 dpi on TG308 (8 dpmm) 305 dpi on TG312 (12 dpmm)
Processor	32-Bit RISC
Max Print Area	3.1" (80 mm) x 9.4" (240 mm)
Dimensions	11.18" (W) x 21.73" (D) x 11.81" (H)
Weight	35.71 lbs.

CG208/212

- Up to 2" Wide Printing
- 203 or 305 dpi Print Resolution
- 4MB Flash Memory
- Thermal Transfer and Direct Thermal
- Anti-Microbial Casing
- Multiple Codepage Support
- Competitive Emulation Options
- Easy Maintenance



Printing Speed	Up to 4"/s (100 mm/s)
Print Resolution	203/305 dpi (8/12 dpmm)
Max Print Area	CG208 - 2.2" W x 23.6" L (56 mm x 600 mm) CG212 - 2.2" W x 15.75" L (56 mm x 400 mm)
Dimensions	5.04" (W) x 9.25" (D) x 6.81" (H)
Weight	TT: 3.5 lbs (1.6kg), DT: 3.3 lbs (1.5kg)

CG408/412

- Up to 4" Wide Printing
- 203 or 305 dpi Print Resolution
- 4MB Flash Memory
- Thermal Transfer and Direct Thermal
- Anti-Microbial Casing
- Multiple Codepage Support
- Competitive Emulation Options
- Easy Maintenance



Printing Speed	Up to 4"/s (100 mm/s)
Print Resolution	203/305 dpi (8/12 dpmm)
Max Print Area	4.1" W x 11.8" L (104 mm x 300 mm)
Dimensions	7.04" (W) x 9.37" (D) x 6.81" (H)
Weight	TT: 4.2 lbs (1.9kg), DT: 3.75 lbs (1.7kg)

CT400/410

- RISC CPU for outstanding performance
- High print speed, quality and resolution
- Compact feature-rich design
- Antibacterial plastic enclosure



Printing Speed	203 dpi - Up to 6"/s (150 mm/sec) 305 dpi - Up to 4"/s (100 mm/sec)
Print Resolution	203/305 dpi (8/12 dpmm)
Max Print Area	4.1" W x 15.7" L (104 mm x 400 mm)
Dimensions	7.8" (W) x 9" (D) x 7.1" (H)
Weight	6.6 lbs.

MBi Series

- 802.11b/g, IrDA, Bluetooth and RS232 connectivity
- Up to 1.89"/4" wide print
- Rugged design
- Light weight



MB200i	Printing Speed	Up to 4"/s (100 mm/s)
	Print Resolution	203 dpi (8 dpmm)
	Max Print Area	1.89" W x 6.3" L (48 mm x 160 mm)
	Dimensions	5.03" (W) x 3.5" (L) x 2.9" (H) with boot
	Weight	0.9 lbs. incl. battery pack

MB400/410i	Printing Speed	Up to 4"/s (100 mm/s)
	Print Resolution	203 (8 dpmm) 305 dpi (12 dpmm)
	Max Print Area	4.1" W x 11.7" L (104 mm x 297 mm)
	Dimensions	8" (W) x 3.9" (L) x 6.5" (H)
	Weight	2 lbs. incl. battery pack

PRINT ENGINES

S84 OEM Print Engines

This new 4" wide family of print engines offers print speeds up to 16 ips and print resolution up to 609 dpi. The S84 Series represents the next generation of leading edge print/apply print engines from the world's OEM print engine leaders.

Printing Speed	203 dpi - Up to 16"/s 305 dpi - Up to 14"/s 609 dpi - Up to 6"/s
Print Resolution	203/305/609 dpi (8/12/24dpmm)
Max Print Area	203 dpi - 4.09" W x 98.4" L (104 mm x 2500 mm) 305 dpi - 4.09" W x 59" L (104 mm x 1500 mm) 609 dpi - 4.09" W x 15.7" L (104 mm x 400 mm)
Dimensions	9.7" (W) x 16.1" (D) x 11.8" (H)
Weight	35.2 lbs.



Lt408 - Entry-Level OEM Print Engines

The print engine, when integrated with an applicator system, provides low-throughput, light-duty applications with an automated, yet affordable, print/apply labeling solution to replace labor intensive hand labeling or expensive pre-printed carton inventory.



Printing Speed	2, 3, 4, 5, 6"/s (50, 75, 100, 125, 150 mm/s)
Print Resolution	203 dpi (8 dpmm)
Max Print Area	4.09" W x 49.2" L (104 mm x 1249 mm)
Dimensions	13" (W) x 10.7" (D) x 10.6" (H)
Weight	21.4 lbs.

M84Se OEM Print Engines

SATO OEM print engines are designed specifically for integration into automatic print/apply systems. The components of these high duty-cycle engines are selected for reliable performance over extended periods of time. SATO print engines are available through OEM manufacturers of print/apply systems.



M8485Se	Printing Speed	4, 6, 8, 10, 12"/s (100, 150, 200, 250, 300 mm/s)
	Print Resolution	203 dpi (8 dpmm)
	Max Print Area	5" W x 49" L (128 mm x 1249 mm)
	Dimensions	10.4" (W) x 16.4" (D) x 11.9" (H)
	Weight	25.3 lbs.

M8459Se	Printing Speed	2, 3, 4, 5"/s (50, 75, 100, 125 mm/s)
	Print Resolution	203 dpi (8 dpmm)
	Max Print Area	4.4" W x 49" L (112 mm x 1249 mm)
	Dimensions	10.4" (W) x 16.4" (D) x 11.9" (H)
	Weight	25.3 lbs.

M8460Se	Printing Speed	4, 6, 8"/s (100, 150, 200 mm/s)
	Print Resolution	203 dpi (8 dpmm)
	Max Print Area	6" W x 49" L (152 mm x 1249 mm)
	Dimensions	10.4" (W) x 17.9" (D) x 11.9" (H)
	Weight	27.6 lbs.

M8465Se	Printing Speed	4, 6, 8"/s (100, 150, 200 mm/s)
	Print Resolution	305 dpi (2 dpmm)
	Max Print Area	6" W x 32.8" L (152 mm x 833 mm)
	Dimensions	10.4" (W) x 17.9" (D) x 11.9" (H)
	Weight	27.6 lbs.

M8490Se	Printing Speed	4, 6, 8"/s (100, 150, 200 mm/s)
	Print Resolution	305 dpi (12 dpmm)
	Max Print Area	4.4" W x 32.8" L (112 mm x 833 mm)
	Dimensions	10.4" (W) x 16.4" (D) x 11.9" (H)
	Weight	25.3 lbs.



Corporate Profile

SATO is a pioneer in the Automatic Identification and Data Collection (AIDC) industry and the inventor of the world's first electronic thermal transfer barcode printer. It revolutionized the barcoding industry by introducing the Data Collection System (DCS) & Labeling concept – a total barcode and labeling solution providing high quality barcode printers, scanners/hand-held terminals, label design software and consumables.

SATO is one of the first in the industry to introduce a complete, multi-protocol EPC-compliant, UHF RFID solution.

Today, SATO continues its tradition of designing and manufacturing high quality industrial printers that deliver reliable performance with each print job.

CL408e/412e RFID

The ideal solution for EPC compliance, tracking, security, and internal closed-loop RFID applications. In a one-step process the CLe RFID printers write, verify and print smart labels and tags with embedded RFID transponders.



Print Resolution	203/305 dpi (8/12dppmm)
RFID Supported	UHF (EPC) / HF (ISO 15693)

GL408e/412e RFID

Industries first thermal printer designed for UHF RFID printing/encoding. The GL4e EPC Gen 2 printer is ideal for asset tracking, inventory management, shipping/receiving and distribution.



Print Resolution	203/305 dpi (8/12dppmm)
RFID Supported	UHF (EPC)

OEM RFID

RFID tags are written, read and verified inside the printer prior to printing. In the case of a tag failure, the OEM RFID printers will mark the tag, send a "bad tag" output and advance to the next one, assuring reliability in mission critical applications.



Print Resolution	203 dpi (8 dpmm) 305 dpi (12 dpmm) - M8490/65Se only 203/305/609 dpi (8/12/24dpmm) - S84 only
RFID Supported	UHF EPC

CG2 RFID Series

Industries first desktop thermal printer designed for HF RFID printing/encoding. The CG2 printer is ideal for wristbands, retail tags and inventory or asset management.



Print Resolution	203/305 dpi (8/12 dpmm)
RFID Supported	HF (ISO 15693)

TG3 Series

In a one-step process the TG3 RFID printers write, verify and print smart labels and tags with embedded RFID transponders.



Print Resolution	203/305 dpi (8/12dppmm)
RFID Supported	UHF / HF (Call for more information)

Software & Supplies

LABEL GALLERY 3 - Label Design Software

Label Gallery 3 is a unique label design and production suite of software based on an easy-to-use and intuitive user interface designed specifically for SATO Printers. Label Gallery 3 offers a family of professional labeling software products including a multi-lingual user interface and complete barcode printing solutions for desktop and enterprise users.



Easy Version - Entry-Level

- Entry-level labeling software
- Linear and Standard 2D barcodes
- Wizard-based basic barcode labeling

Plus Version - Advanced

- Advanced & compliance label design
- RFID support (HF & UHF/EPC)
- Complete database support
- API programming interface (ActiveX, .NET)
- Downloading to memory
- VB scripting
- System management (user login, reprint support)
- Print only version

True Pro Version - Advanced and Customizable

- All features of Plus Version
- RFID support (HF & UHF/EPC)
- Middleware integration module
- Creating standalone label applications
- Mobile wireless printing (WinCE support)
- Network version
- Label format export (SAP R/3 ITF, XML)
- Programming integration option



LABELS AND RIBBONS

SATO Supplies are produced with the highest quality materials to ensure optimum print performance and long life for the print head. They are specifically manufactured to complement the features of SATO printers, but will work equally well on other thermal printers.

