



Ultimate Performance and Mobility Quick. Durable. Portable



MB Series

UNIQUE FEATURES

- Anti-Bacterial Casing
- Integrated Dispenser
- Easy Media Loading
- Flexible Interfaces
- Large Media Roll Capacity

INDUSTRY VERTICALS

- Food & Beverages
- Manufacturing
- Retail
- Healthcare
- Logistics & Distribution

APPLICATIONS

- Compliance Labelling
- Retail Labelling
- Product Authentication
- Field Service

Industrial Version Mobile Printers



MB2i and MB4i series are equipped with factory-installable sturdy rubber housing. The ruggedized design makes these printers ideal for high-usage, high-impact applications.

- Impact-resistant
Extra protection against shock, drops and mishandling
- Durable
Withstands even harshest conditions of outdoor labelling environment

* Available as factory-installable option

Rugged, Compact & Ergonomical Design ▶

**Industry's Fastest Mobile Printer with
Printing Speed up to 4 inch/sec** ▶

LCD Display (with Wireless Connectivity Model) ▶

**Long Lasting Battery Operation Based on
Latest Battery Cell Technology** ▶

**Environmentally Friendly
Linerless Label – No paper wastage** ▶

**Durable – Outer Construction of Polycarbonate
and Shock-absorbing Mechanism** ▶



General Specifications

MB200i/201i/400i/MB410i



PRINTER MODEL		MB200i	MB201i	MB400i	MB410i
PRINTING SPECIFICATIONS					
Print Method		Direct Thermal			
Print Resolution		8dots/mm (203dpi)		8dots/mm (203dpi)	12dots/mm (305dpi)
Max. Print Area	Width	48mm (1.9")		104mm (4.1")	
	Length	160mm (6.3")		297mm (11.7")	
Print Speed		Up to 103mm/sec (4ips)			
CONSUMABLES SPECIFICATIONS (Recommended to use printer supplies manufactured or certified by SATO)					
Sensor Type		I-mark sensor for use with pre-printed marks. See through sensor for die-cut label with gap. Dispenser sensor.			
Media Type		Roll die-cut label with gap or pre-printed label, 2 colour direct thermal. Linerless media, Coreless media			
Media Size	Width	25.4 ~ 55mm (1" ~ 2.17") With backing paper: 28.4 ~ 57.5mm (1.12" ~ 2.26")		50 ~ 111mm (1.97" ~ 4.37") With backing paper: 53 ~ 114mm (2.09" ~ 4.50")	
	Length	13 ~ 160mm (0.51" ~ 6.30") With backing paper: 16 ~ 163mm (0.63" ~ 6.42")		25 ~ 297mm (0.98" ~ 11.69") With backing paper: 28 ~ 300mm (1.1" ~ 11.8")	
	Thickness	0.064 ~ 0.19mm (0.003" ~ 0.007")			
Media Roll Size	Max. External Diameter	67mm (2.63")	58mm (2.28")	67mm (2.63")	
	Inner Diameter	19.05mm (0.75") Core / 25.4mm (1") Core 8mm (0.32") Coreless		19.05mm (0.75") Core / 25.4mm (1") Core 10mm (0.39") Coreless	
	Winding Direction	Face out			
FONT/BARCODE SYMBOLOGIES					
Font		XU, XS, XM, XB, XL, POP, OCR-A/B		XU, XS, XM, XB, XL, POP, OCR-A/B, CG font	
1D Barcode		EAN 8/13, UPC-A/E, NW-7, RSS-14, Postnet, Inter-leaved 2/5 (ITF), CODE 39, CODE 93, CODE 128			
2D Barcode		PDF417, QR Code, Maxi Code and Data Matrix Code, Composite Symbology			
INTERFACE CHARACTERISTICS					
Interface		Standard: IrDA, RS232C Optional: Bluetooth, Wireless LAN		Standard: IrDA, RS232C, USB Optional: Bluetooth, Wireless LAN	
OPERATING CHARACTERISTICS					
Power Requirements		7.4V (2400mAh) Lithium ion		14.8V (1700mAh) Lithium ion	
Environment	Operating	-15 ~ 50°C, 20 ~ 80% RH, non condensing (Wireless LAN Model: 0 ~ 50°C)		-15 ~ 50°C (Only the wireless LAN Model: 0 ~ 50°C), 20 ~ 80% RH, non condensing	
	Storage	-25 ~ 60°C, 20 ~ 80% RH, non condensing			
Physical Dimensions, Weight		Standard Version: (WxDxH) 128 x 73 x 88 mm, 5.04" x 2.87" x 3.46" 405g (with battery installed) Industrial Version: (WxDxH) 158 x 94 x 116mm, 6.22" x 3.7" x 4.57" 515g (with battery installed)	Standard Version: (WxDxH) 119 x 64 x 88mm, 4.69" x 2.52" x 3.46" 390g (with battery installed)	Standard Version: (WxDxH) 170 x 76 x 134 mm, 7.7" x 3.0" x 5.3" 750g (with battery installed) Industrial Version: (WxDxH) 202 x 99 x 165mm, 8.0" x 3.9" x 6.5" 910g (with battery installed)	
Regulatory Certifications	Safety	FCC Class B, UL, CE, TÜV, CSA, CCC, CSA, MIC, EK, (AC Adapter only), FCC15B Class B, CE			
	Wireless LAN/ Bluetooth	FCC15C, GB4942, GB9254, GB17625.1, R&TTE, IDATSSSS			
Processor		32-Bit RISC			
ACCESSORIES & OPTIONS					
MB200i / MB201i: AC Adapter, RS232 cable, Battery charger (Single or up to 5 batteries), Battery pack, Water protective case, Shoulder strap, Belt clip					
MB400i / MB410i: Battery pack, AC Adaptor, battery charger (Single slot battery charger), Water Protective Case, Shoulder Strap, RS232C Cable					
OTHERS					
Power-Saving Functions		Auto power save. Power is automatically turned off with operation interval longer than 5 minutes (default), which may be set by command to other length of time. Auto power-off is disabled by default for Wireless LAN, and Bluetooth configuration.			
Water & Dust Resistance		IP54 Compliant when using optional water protective case			
Anti-Bacterial Characteristic		Complies with JIS Z 2801 standard			

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