

MBi Series **Ultimate Performance & Mobility**

Quick. Durable. Portable.



Small & Light -
Yet Durable & Dependable



Top Cover Opening for
Easy Media Loading



Large LCD display
(802.11b/g model)



Large Operator
Control Buttons



Streamlined Features

- Light-Weight & Portable
- Drop Test
- IrDA
- USB (MB400/410i only)
- 802.11g Wireless
- Bluetooth Connectivity
- RS232 (Serial)

Industry Verticals

- Government
- Law Enforcement
- Logistics
- Manufacturing
- Retail
- Transportation
- Utilities

Industry Applications

- Mobile Printing
- Receipt Printing
- Price Marking
- Mark Down
- Specimen Labeling
- Shelf Labeling
- Route Accounting
- Point-of-Sale

MODEL	MB200i		MB400i		MB410i	
PRINTING SPECIFICATION						
Print Method	Direct Thermal					
Print Resolution	203 dpi (8 dpmm)		203 dpi (8 dpmm)		305 dpi (12 dpmm)	
Print Speed	Up to 4"/s (103 mm/s) at 16% printing coverage - Default Print Speed is 3"/s (75 mm/s)					
Max. Print Area	1.89" (48 mm) W x 6.3" (160 mm) L		4.09" (104 mm) W x 11.69" (297 mm) L			
MEDIA SPECIFICATION						
Sensor Type	Reflective 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, Linerless Media, Continuous Receipt Paper					
Media Size	Width	1.1" - 2.2" (28 mm - 57.5 mm) ¹		2" - 4.49" (53 mm - 114 mm) ¹		
	Length	0.63" - 6.4" (16 mm - 163 mm) ¹		1.1" - 11.8" (28 mm - 300 mm) ¹		
	Thickness	0.003" - 0.007" (0.064 mm - 0.19 mm)				
	Roll Specs	Outer Diameter : 2.63" (67 mm) - Inner Diameter: 0.75" (19 mm) or 1" (25 mm) for standard labels, 0.4" (10 mm) coreless for receipt paper or 0.75" (19 mm) for linerless paper				
FONT / SYMBOLOGIES						
Internal Fonts	XU, XS, XM, XB, XL, OCR-A, OCR-B, CG Times and Triumvirate		XU, XS, XM, XB, XL, OCR-A, OCR-B, CG Times and Triumvirate			
Barcode Symbologies	Linear	UPC-A/E, UCC/EAN-128, Interleaved 2 of 5, CODE 39, CODE 128, EAN-8/13, CODE 93, RSS-14, POSTNET, NW-7				
	2-D	Data Matrix, PDF417, Maxicode, Composite Symbology, QR Code				
INTERFACE CHARACTERISTICS						
Interface Options	RS232C, Bluetooth, IrDA (Ver.1.2, Standard Protocol, IrCOMM (3-wire cooked)), 802.11b/g Wireless LAN (Supports WEP 64/128bit, WPA, WPA (PSK, 802.1x), and EAP)					
	USB					
OPERATING CHARACTERISTICS						
Battery	7.4 V (2400mAh) Lithium Ion		14.8V (1700mAh) Lithium Ion			
Environment	Operating	5° F – 122° F (-15° C – 50° C), 20%-80% RH, non-condensing 32° F – 122° F (0° C – 50° C), 20%-80% RH, non-condensing for 802.11g/b				
	Storage	-13° F – 140° F (-25° C – 60° C), 20%-80% RH, non-condensing				
Regulatory Approvals	FCC Class A, B, C, UL, CE, TÜV, CSA					
Dimensions (w/ rubber boot)	3.5" (88 mm) L x 5.03" (128 mm) W x 2.9" (73 mm) H		3.9" (99 mm) L x 8" (202 mm) W x 6.5" (165 mm) H			
Weight (w/ rubber boot)	0.9 lbs. (405 g) incl. battery pack		2 lbs. (910 g) incl. battery pack			
Drop Specification	6 ft. (1.83 m) - flat sides of printer to concrete		5 ft. (1.5 m) - flat sides of printer to concrete			
OPTIONAL ACCESSORIES						
Optional Accessories	Battery Charger (Single and Multi-Battery Capabilities), Spare Battery, AC Adapter, Serial to PC Cable,					
	Optional Swivel Belt, Weather-Resistant Carrying Case ² , Holster ² , Optional Shoulder Strap		Shoulder Bag with Rain-Resistant cover ² , Shoulder Strap and Belt Bag ²			
OPERATIONAL FEATURES						
Firmware Features	Auto Power Save. Printer enters sleep mode when idle for 5 seconds. Printer will power off automatically when idle for another 5 minutes. (Programmable power off feature)					
Self Diagnosis Tools	Head Check, Battery Balance Check, Paper End, Head Open, Test Print, Over charge/discharge protection					

¹ includes backing liner ² Non-booted Models**SATO America, Inc.**

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