![SATO logo] **SATO**
DCS & Labeling Worldwide

MBi Series Ultimate Performance & Mobility

Quick. Durable. Portable.

Top Cover Opening for
Easy Media Loading

ONLINE
QTY:0000

Large LCD display
(802.11b/g model)

Large Operator
Control Buttons

Small & Light -
Yet Durable & Dependable

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		
Barcode Symbologies	Linear	UPC-A, UPC-E, EAN-8, EAN-13, Code 39, Code 93, Code 128, Codabar, MSI, Bookland, Industrial 2/5, Interleaved 2/5, Matrix 2/5, Postnet™, GS1-128, GS1-DataBar™		
	2-D	PDF417, Micro PDF417, Truncated PDF417, Maxicode™, Data Matrix, QR Code, Composite Symbology		
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