SATO

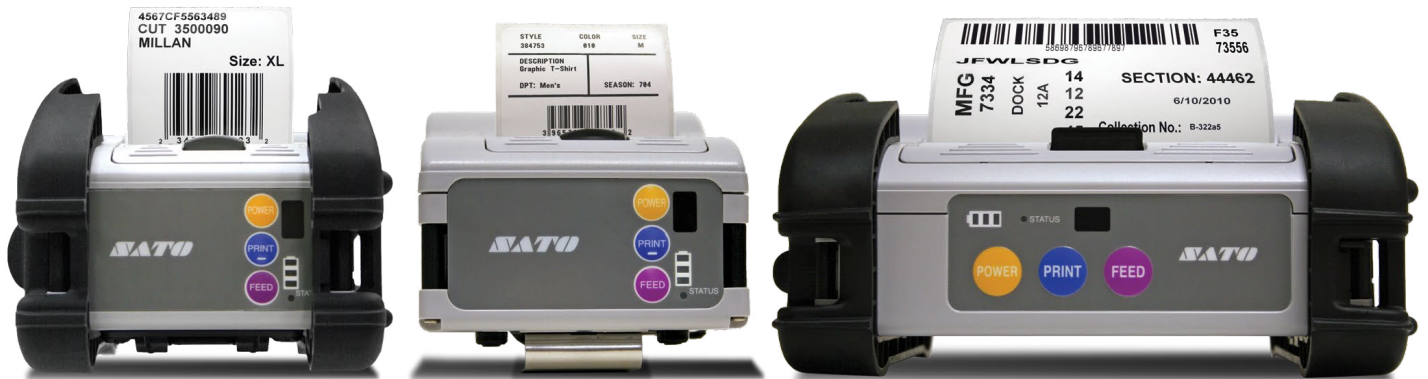## MB200i 2" portable
MB400i 4" portable
MB410i 4" portable

Industrial Thermal Printer | MBi Series

Quick and Durable. Ultimate Performance and Mobility.

Small & Light
Durable & Dependable

Top Cover Opening
for Easy Media Load

Large LCD Display
(802.11 b/g model)

Large Operator
Control Buttons

Streamlined Features

- Light Weight & Portable
- USB (MB400/410i only)
- 802.11g Wireless
- Bluetooth Connectivity
- RS232 (Serial)
- Direct Thermal
- Label Peel and Present

Industry Verticals

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

Industry Applications

- Label Printing
- Receipt Printing
- Price Marking
- Mark Down
- Specimen Labeling
- Shelf Labeling
- Route Accounting

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PRINTER MODEL		MB200i	MB400i	MB410i
PRINT SPECIFICATIONS				
Printing Method		Direct Thermal		
Print Resolution		203 dpi (8 dots/mm)	203 dpi (8 dots/mm)	305 dpi (12 dots/mm)
Printing Speed		Up to 4 ips (103 mm/s) at 16% printing coverage. Default Print Speed is 3 ips (75 mm/s).		
Maximum 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 SPECIFICATIONS				
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				
Interfaces		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 (with rubber boots)		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 (with rubber boots)		0.9 lbs. (405 g) including battery pack	2 lbs. (910 g) including 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	
OTHER				
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

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