

# 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



**The Best  
Performing Compact**

# General Specifications

## MBi Series

| 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)<br>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) <sup>1</sup>                                                                                                                                     | 2" - 4.49" (53 mm - 114 mm) <sup>1</sup>                                                          |                   |
|                             | Length     | 0.63" - 6.4" (16 mm - 163 mm) <sup>1</sup>                                                                                                                                     | 1.1" - 11.8" (28 mm - 300 mm) <sup>1</sup>                                                        |                   |
|                             | 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 Symbolologies       | 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<br>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 <sup>2</sup> , Holster <sup>2</sup> , Optional Shoulder Strap                                                            | Shoulder Bag with Rain-Resistant cover <sup>2</sup> ,<br>Shoulder Strap and Belt Bag <sup>2</sup> |                   |
| OPERATIONAL FEATURES        |            |                                                                                                                                                                                |                                                                                                   |                   |
| Firmware Features           |            | Auto Power Save. Printer enters sleep mode when idle for 5 seconds.<br>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                                                                          |                                                                                                   |                   |

<sup>1</sup> includes backing liner    <sup>2</sup> Non-booted Models

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