

## ESSENTIALS SERIES WORKGROUP MONOCHROME PRINTERS

### Workgroup Printers That Will Exceed Your Expectations

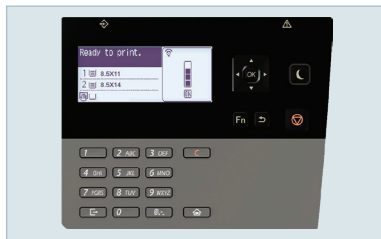
The MX-B350P and MX-B450P Essentials Series workgroup monochrome printers deliver output speeds up to 35ppm and 45ppm respectively, and are designed to produce consistent high quality output page after page. These models also offer a compact footprint and wireless networking capability, making them suitable for virtually any size office environment. Both models deliver a low cost per page, offering a great choice for cost-conscious businesses.

### Key Features

- **Productive** – Delivers essential printing features for business environments, including PCL® 6 and PostScript® 3™ printing capability, USB direct printing and mobile device printing using Sharpdesk® Mobile.
- **Versatile** – A compact design combined with wireless networking capability makes it easy to place the MX-B350P and MX-B450P in both large and small offices.
- **Economical** – Exceptionally low cost per print along with minimal energy consumption ensure an economical cost of ownership.



Compact Design easily fits into small office spaces



Easy-to-use 5-line LCD operation panel



Front USB port for easy direct printing of PDF files from memory devices

### Additional features to help your business gain the competitive advantage

- Productive **printing** speeds of up to **35/45 pages per minutes**.
- **Compact design** easily fits into small office spaces in desktop or console configurations.
- Standard **PCL 6 and PostScript 3** printing capability.
- Front **USB port** for **easy direct printing** of PDF files from memory devices.
- Easy-to-use **5-line LCD** operation panel.
- **Sharpdesk Mobile** app enables printing from mobile devices, such as smart phones and tablets.
- Offers up to three paper sources with available **1,150-sheet maximum paper capacity**.
- Standard **wireless networking** capability for easy setup.
- Sharp's micro-fine toner technology helps ensure **solid image density and balance**.
- **600 x 600 dpi** printing delivers clear crisp images and text page after page.
- **50-Sheet bypass tray** for envelopes, labels and specialty media.

# MX-B350P/B450P SPECIFICATIONS

## Main Specifications

<b>MX-B350P/B450P</b>	Base models include multitasking controller, auto duplexing, 1 x 500-sheet paper drawer, 50-sheet bypass tray. Starter toner and developer included.	
<b>Type</b>	Workgroup monochrome printer	
<b>Display</b>	5-line LCD Panel	
<b>Print System</b>	Dry electrostatic transfer/Dual component developer/Magnetic brush development/OPC drum/roller fusing/white LSU exposure	
<b>Output Size</b>	Min. 5½" x 8½", Max. 8½" x 14"	
<b>Print Speed</b>	35/45 ppm	
<b>First Print Time (in seconds)*</b>	<b>MX-B350P</b> 5.5	<b>MX-B450P</b> 5.0
<b>Warm Up Time</b>	29 seconds	
<b>Paper Capacity</b>	Standard 550 Sheets/Maximum 1,150 Sheets	
<b>Paper Feed System</b>	Standard: (1) 500-sheet paper drawer (letter/statement size) System and 50-sheet bypass tray (letter/legal/statement/envelope size). Optional: 600-sheet drawer (letter/legal).	
<b>Paper Weights and Types</b>	Paper drawers: 16-28 lb. bond. Other paper types include plain, pre-printed, recycled, pre-punched, letterhead and color paper. Bypass tray: 13-16 lb. bond (thin paper), 28 lb. bond (thin paper), 28 lb. bond-80 lb. cover (heavy paper), 16-28 lb. bond (plain paper), 13-16 lb. bond (thin paper), 28 lb. bond-80 lb. cover (heavy paper), 20-24 lb. bond Monarch/Com-10 envelope. Also label paper, gloss paper, pre-printed, recycled, pre-punched, letterhead, color paper and OHP film.	
<b>Duplexing</b>	Standard automatic duplex printing	
<b>CPU</b>	Quatro 5510 (800 MHz)	
<b>Interface</b>	RJ-45 Ethernet (10Base-T, 100Base-TX, 1000Base-T), Wireless (IEEE802.11 n/g/b), USB 2.0 (1 host ports, front), USB 2.0 (1 device port, rear)	
<b>Printer Memory</b>	Standard 1 GB	
<b>Account Control</b>	Up to 30 users. Supports user-number authentication	
<b>Firmware</b>	Firmware can be updated by USB memory	
<b>Management</b>		
<b>Device Setup</b>	Web-based management/cloning with user/admin level login	
<b>Service/Functions</b>	Remote access to service logs and click counts	
<b>Accessibility Features</b>	Section 508, concave key, operation position, BEEP sound on standard values, adjustment of key touch speed, adjustment of key touch sound, key repeat disable, screen timeout disable, adjustment of key touch sound, job program, universal handle accessibility support of status LED	
<b>Environmental Standards</b>	Blue Angel (MX-B450P only), European RoHS	
<b>Power</b>	AC 120 VAC, 60 HZ, 15 A Receptacle	

## Main Specifications (continued)

<b>Power</b>	1.44kW
<b>Consumption</b>	
<b>Weight</b>	Approx. 50.7 lbs.
<b>Dimensions</b>	Approx. 19 1/4" (w) x 20 3/8" (d) x 17 5/16" (h)
<b>PDL</b>	Standard PCL 6, PostScript 3 compatible
<b>Resolution</b>	600 x 600 dpi
<b>Print Drivers</b>	Windows Server® 2008, Windows Server 2008 x64, Windows Server 2012 x64, Windows 7, Windows 7 x64, Windows 8.1, Windows 8.1 x64, Windows 10, Windows 10 x64, Windows Server 2016 x64, MAC OS X® (including 10.6 to 10.13)
<b>Features</b>	Windows cluster print, ROPM, duplex printing, driver delivery functions, toner save mode, electronic sorting, N-up printing, image rotation, job retention
<b>Direct Printing File Types</b>	TIFF, JPEG, PCL, PRN, TXT, PDF, Encrypted PDF (without password only), PostScript
<b>Direct Print Methods</b>	FTP, USB memory, Web page, Email and Network Folder
<b>Resident Fonts</b>	80 outline fonts (PCL), 136 fonts (PS)
<b>Network Interface</b>	RJ-45 Ethernet, 10/100 Base-TX, USB 2.0, wireless 10Base-T, 100Base-T, 1000Base-T
<b>Operating Systems</b>	Windows Server 2008 & 2016, Windows Systems 7, Windows 8, Mac OS X10.6 – 10.13)
<b>Network Protocols</b>	TCP/IP (IPv4, IPv6,), USB 2.0
<b>Printing Protocols</b>	LPR, IPP, Raw TCP (port 9100) and FTP
<b>Network Security</b>	IP/MAC address filtering, protocol filtering, port management and user authentication
<b>Mobile Device Access</b>	Supports Sharpdesk Mobile software, a free downloadable app for mobile products such as iPad®, iPhone®, Android™, Windows® 10, 8.1 or Windows RT, 8.1 devices. For supported versions, please visit <a href="http://www.sharppusa.com">www.sharppusa.com</a>

## Optional Equipment

<b>MX-DS22N</b>	High Stand
<b>MX-DS23N</b>	Low Stand
<b>MX-CS14N</b>	600-sheet Paper Feed Unit (max. 1)
<b>Supplies</b>	
<b>MX-B45NT</b>	Toner Cartridge
<b>MX-B45NV</b>	Developer
<b>MX-B45DU</b>	Drum

\* May vary depending on product configuration, machine settings and operating and/or environmental conditions.



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