Business-Boosting
4-in-1 Convenience
Seeking a versatile B&W document solution that won’t take up too much space? Consider the MX-B450F/B350F. Thanks to its small footprint* of 428 × 507 mm, it fits easily on a desk or under a counter—just where you need it. The MX-B450F/B350F offers all the benefits of 4-in-1 functionality in one user-friendly package. Its solid all-round productivity helps to streamline your workflow and keep your enterprise running on track.

* “Footprint” refers to the part directly adjacent to the floor or desk space. The numerical value is for the MFP’s base unit only.

**USABILITY**

**Direct Printing/Scanning with USB Drives**

Insert a USB drive into the MFP and a command screen automatically pops up on the LCD. Right away you can print files from the USB drive or scan documents directly to the USB drive.

**Device Management**

Sharp Remote Device Manager* (SRDM) gives administrators centralised control of their networked MFPs and printers. This software covers system setup, security settings, troubleshooting, and more.

* Contact a Sharp customer representative for availability and other details.

**Sharpdesk Mobile**

Sharpdesk Mobile is a mobile print/scan application. With Sharpdesk Mobile, users can import documents scanned on the MFP to their mobile devices for previewing and saving. And files on a mobile device can be printed out on the MFP, sent as e-mail attachments, or used in other applications.

* Availability varies by country/region. For details, see the Sharpdesk Mobile support website: http://sharp-world.com/products/copier/docu_solutions/mobile/sharpdesk_mobile/

**Easy-to-Use Control Panel**

The MFP has a user-friendly control panel. Next to it are two LED lamps: one red, one green. These light up to notify you—even from a distance—of the status of the machine.

**Reliable Security**

• **User authentication** prevents unauthorised use of the MFP. Up to 30 users can register a unique access number.

• Retained data can be **erased** when it’s time to replace the MFP, to prevent confidential information from leaking.
**COPY/PRINT**

**Efficient Output**
This MFP delivers a fast output of 45/35 ppm*. The first copy comes out in 8.5/9.0 seconds, saving you valuable time when performing multiple short-run jobs. The MFP's warm-up time of 29 seconds brings added efficiency and reduces overall energy consumption.

* A4 (8 1/2” x 11”), short-edge feeding

<table>
<thead>
<tr>
<th>45 PPM</th>
<th>35 PPM</th>
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<tbody>
<tr>
<td>MX-B450F</td>
<td>MX-B350F</td>
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**Ample Paper Capacity**
A 500-sheet tray and 50-sheet multi bypass tray come standard. An optional 600-sheet paper feed unit is available for a total paper capacity of 1,150 sheets.

**Accommodates Various Paper Sizes**
A wide variety of paper sizes, including A6, are accommodated by the standard tray, as well as by the multi bypass tray. The optional paper feed unit and multi bypass tray handle legal-size paper and paper up to 220 g/m² thick.

**SCAN/FAX**

**Full-Colour Network Scanning**
This MFP works as a full-colour network scanner and supports TIFF, PDF, and JPEG file formats. Converting any type of paper-based document into an editable digital file is as easy as making a copy.

**Multiple Scan Destinations**
You can choose different ways to distribute your scanned documents: for example, send as an e-mail attachment or scan directly to an FTP server for storage.

**ID Card Copy**
The MFP has a dedicated key for easy copying of both sides of a card (ID cards, credit cards, etc.) onto a single page.

**PCL 6 and PostScript® 3™**
For enhanced font compatibility and improved graphics handling, the MFP supports both PCL 6 and PostScript 3.

**Network Interface**
Fast, powerful networking capability is provided via the 1000Base-T gigabit Ethernet standard.

**Automatic Document Feeder**
A standard-equipped 50-sheet RSPF (reversing single pass feeder) scans at 40 opm* (one-sided) and enables efficient duplex copying of paper sizes ranging from A4 to A6.

* Originals per minute; when feeding A4 (8 1/2” x 11”) sheets

**Business Card Scanning**
The MFP easily scans batches of up to 25 business cards* with its RSPF and can be used with commercially available business card scan software to create business card databases.

* One-sided scanning

**Sharpdesk**
With Sharpdesk integrated document management software, scanned files can be organised, edited, converted, and combined with ease. What’s more, Full Text Search makes it easy to retrieve your documents.

**Versatile Fax Functions**
- **Super G3 Fax** function
- **PC-Fax** lets you send documents created on a PC directly to a recipient’s fax machine via a phone line without printing to paper
- **Fax destination confirmation** allows users to reconfirm fax numbers before sending to prevent transmission errors
- **Inbound routing** lets you forward received faxes via the network to a shared folder or e-mail address without printing to paper
- **Speed dial keys** register up to 300 numbers

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*Contact a Sharp customer representative for availability and other details.*

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**Device Management**
Sharp Remote Device Manager* (SRDM) gives administrators centralised control of their networked MFPs and printers. This device can be printed out on the LCD. Right away you can print files from the USB drive or scan documents directly to the USB drive.

**Easy-to-Use Control Panel**
The MFP has a user-friendly control panel. Next to it are two LED lamps: one red, one green. These light up to notify you—even of the status of the machine.

**Direct Printing/Scanning with USB Drives**
Insert a USB drive into the MFP and a command screen automatically pops up on the LCD. Right away you can print files or scan documents directly to an FTP server for storage.

**Multiple Scan Destinations**
You can choose different ways to distribute your scanned documents: for example, send as an e-mail attachment or scan directly to a shared folder or e-mail address without printing to paper.

**Scanner Program Keys**
Scanner Program Keys on the control panel enable users to register frequently used scan settings and destinations for easy one-touch recall.

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*Availability varies by country/region. For details, see the Sharpdesk Mobile support page.*

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**Business Card Scanning**
The MFP easily scans batches of up to 25 business cards with its RSPF and can be used with commercially available business card scan software to create business card databases.

* One-sided scanning
**SPECIFICATIONS** (tentative)

### General
- **Type**: Desktop
- **Engine speed**: A4 (8 1/2" x 11")*: Max. 45/35 ppm
- **Control panel display**: 5-line LCD
- **Paper size**: Max. A4 (8 1/2" x 14"), Min. A6 (5 1/2" x 8 1/2")
- **Paper capacity**:
  - (80 g/m²): 500-sheet tray and 50-sheet multi bypass tray
  - Maximum: 1,150 sheets
  - (550 sheets & optional 600-sheet tray)
- **Paper weight**:
  - Tray 1: 60 g/m² to 105 g/m² (16 lbs bond to 28 lbs bond)
  - Tray 2 (MX-CS14): 55 g/m² to 220 g/m²
  - Multi bypass tray: 55 g/m² to 220 g/m²
  - (13 lbs bond to 80 lbs cover)
- **Warm-up time****: 29 sec.
- **Memory**: 1 GB (copy/print shared)
- **Power requirements**: Rated local AC voltage ±10%, 50/60 Hz
- **Power consumption**:
  - Rated local AC voltage ±10%, 50/60 Hz
  - 29 sec.
  - 29 kg (64.0 lbs)
- **Dimensions (W x D x H)****: 568 mm*
- **Weight (approx.)**: 29 kg (667 mm)

### Copier
- **Original paper size**: Max. A4 (8 1/2" x 14")
- **First copy time**: 8.5/9.0 sec.
- **Continuous copy**: Max. 999 copies
- **Resolution**:
  - Scan: 600 x 600 dpi, 600 x 300 dpi
  - Print: 600 x 600 dpi
- **Gradation**: Equivalent to 256 levels
- **Zoom range**: 25% to 400% (25% to 200% using RSPF) in 1% increments
- **Reset copy ratios**: Metric: 8 ratios (4R/4E), inch: 5 ratios (3R/2E)
- **Compression method**: MH/MR/MMR/JBIG
- **Modem speed**: 33,600 bps to 2,400 bps with automatic fallback
- **Transmission resolution**: From Standard (203.2 x 97.8 dpi) to Super Fine (203.2 x 391 dpi)
- **Recording size**: A4 to A5 (8 1/2" x 14" to 5 1/2" x 8 1/2")
- **Memory**: 64 MB (built-in)
- **Greyscale levels**: Equivalent to 256 levels

### Network Colour Scanner
- **Scan method**: Push scan (via control panel)
- **Scan speed****: B/W: Max. 40 originals/min.
- **Resolution**: Push scan: 200, 300, 400, 600 dpi
- **File formats**: TIFF, PDF, JPEG
- **Scanner utility**: Sharpdesk
- **Scan destinations**: Scan to e-mail/desktop/FTP server/network folder (SMB)/Sharpdesk USB drive

### Network Printer
- **Resolution**: 600 x 600 dpi
- **Interface**: USB 2.0 (host, high-speed), 10Base-T/100Base-TX/1000Base-T
- **Supported OS**:
  - Windows® 7, Windows® 8.1, Windows® 10,
  - Mac OS 10.6, 10.7, 10.8, 10.9, 10.10, 10.11, 10.12, 10.13
- **Network protocols**: TCP/IP
- **Printing protocols**: LPR, Raw TCP (port 9100), FTP for downloading print files, IPP, WSD
- **PDL**: PCL 6 emulation, PostScript™ 3™ emulation
- **Available fonts**: 80 fonts for PCL, 136 fonts for PostScript 3 emulation

### Facsimile
- **Compression method**: MH/MR/MMR/JBIG
- **Communication protocol**: Super G3/G3
- **Transmission time**: Less than 3 seconds**
- **Transmission resolution**: From Standard (203.2 x 97.8 dpi) to Super Fine (203.2 x 391 dpi)
- **Recording size**: A4 to A5 (8 1/2" x 14" to 5 1/2" x 8 1/2")
- **Memory**: 64 MB (built-in)
- **Greyscale levels**: Equivalent to 256 levels

### SYSTEM CONFIGURATION

**Note:** When placing the MFP on the floor, Sharp recommends placing it on an MX-DS22 or MX-DS23.

Certain optional equipment may not be available in some areas.

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