

# SHARP

## HIGH-SPEED COLOR DOCUMENT SYSTEMS



MX-7081  
MX-8081



The high-performance MX-7081/8081 encompass brilliant, consistent color quality with advanced workflow efficiency.

## SUPERIOR CAPABILITY, INTUITIVE WORKFLOW, DYNAMIC OPERATION

powerful

The Sharp MX-7081 and MX-8081 color document systems are designed using the latest technology available to deliver the performance, features and reliability needed in today's busy workplace. Built for high-volume environments, central reprographics departments and copy rooms, these new document systems are complemented with robust paper handling and productive output capabilities, once found only in commercial print facilities. These new models also offer leading-edge security features to help businesses protect their data and personal information.

Sharp's next generation Color Consistency System helps ensure brilliant color output, page-after-page and job-after-job, for repeatable, high-quality results. Businesses can rest assured that producing professional-looking color documents in house can be easier and more economical than ever before.

### Key Features

- **Ease of Use** – Award-winning touchscreen display with intuitive menu navigation combined with alternative touchless operation capabilities for basic copying, scanning and print release.
- **Productive Features** – Full multifunction capability out-of-box, including copying, network printing and color network scanning. Adobe Embedded Print Engine technology natively processes PDF files from a wide variety of sources, delivers peak performance and provides superior rendering accuracy.
- **Advanced Color Workflow** – The latest MX-PE15 Fiery® Print Server is available for corporate offices, CRDs and in-plant printing facilities that require precision color control and job management.

The MX-7071 and MX-8081 high speed color document systems are also easy to use and offer enhanced productivity, all to provide customers with a seamless, intuitive experience and the confidence in knowing their jobs will come out right the first time, every time.



 POWERED BY  
Adobe Embedded Print Engine

# MORE FEATURES, POWERFUL PRODUCTIVITY, GREATER RESULTS



**HIGH RESOLUTION  
COLOR TOUCHSCREEN**

**PRODUCTIVITY PLUS  
QUALITY AND EFFICIENCY**

**AVAILABLE FIERY®  
PRINT SERVER**



**A powerful, smart MFP that transforms office productivity and helps meet the demands of high-volume office customers.**

- **300-sheet Duplex Single Pass Feeder (DSPF)** scans documents at up to 240 images per minute.
- **Scan Preview** feature offers on-the-fly page editing with easy **fingertip navigation**.
- **Triple air-feed paper handling** option offers **high reliability** and is virtually maintenance-free.
- The available Sharp **MFP Voice** feature enables users to control the device with simple verbal commands. Experience hands-free, voice-first interaction with **Amazon Alexa**.



- **PANTONE** Licensing offers unprecedented levels of color fidelity to the **PANTONE MATCHING SYSTEM®**
- Offers **8,500-sheet maximum paper capacity** and media support up to 110 lb. cover stock (300 gsm).
- High-performance print controller with included **PCL® 6** and **Adobe® PostScript® 3™**.
- True **1,200 x 1,200 dpi** printing provides beautiful images and enhanced clarity for fine details such as small text and graphics.
- The Sharp **Color Consistency System** with next generation image process control delivers high quality color output and maintains optimum color balance and toner density page after page.
- Easily **access popular cloud applications**, including Microsoft® OneDrive® for Business, SharePoint® Online, Box and Google Drive™, with the Sharp Cloud Connect feature.
- Standard **Job Management** features make it easy to print on-demand as well as view jobs, retain jobs, combine jobs, select print settings and more.
- Supports the **Sharp OSA development platform**, enabling businesses to easily integrate with network applications and cloud services.
- **Compact PDF feature** dramatically reduces the file size of scanned color documents, resulting in decreased network traffic and more efficient use of disk and cloud storage.
- Convenient **End-of-Lease feature** can erase all files on the hard disk drive, all user data, job status data and address book data at trade-in time.



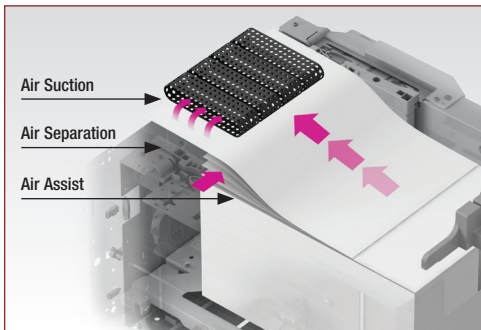
## FLEXIBLE DESIGN ENABLES INTELLIGENT FUNCTIONALITY



MX-8081 shown with available Sharp MFP Voice feature with Amazon Alexa.



High capacity 300-sheet DSPF with 150-business card feeder for increased efficiency and scanning capabilities.



Triple air-feed LCT paper trays maximize reliability and minimize downtime. Pneumatic sensors maintain consistent air flow.



With the MX-PE15 Fiery Print Server, achieve higher productivity and consistent color quality.

From intuitive navigation to unsurpassed productivity, these MFPs are equipped to deliver optimum results.

### **Simple and Intuitive Operation**

The new MX-7081/8081 high-speed color document systems feature the latest 10.1" (diagonally measured) high-resolution touchscreen with signature **retractable keyboard** for unmatched ease-of-use. Using the latest touchless technology, you can operate these models by simple voice commands with Amazon Alexa on the MFP, and print release, copy and scan jobs with Synappx™ Go on your personal device.



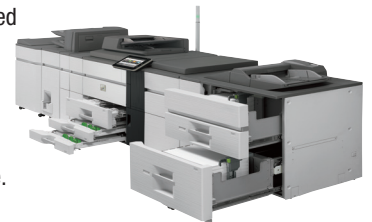
Sharp Synappx Family Innovation Award

### **A "Well-connected" Device**

Connecting a multifunction printer (MFP) to your wireless network and accessing it from mobile devices has never been so easy with the MX-7081/8081 standard wireless networking features. Print from or scan to popular cloud services such as **Microsoft OneDrive for Business**, **SharePoint Online**, and **Google Drive** with the Sharp **Cloud Connect** feature. **Single Sign-on (SSO)** support for accessing these services makes scan-to-folder and scan-to-email operations simpler than ever. Even printing from your desktop is made easier with Sharp's **Serverless Print Release** function. **Easily send a job to one device, and print it on another** when and where it's most convenient for you.

### **Robust Paper Handling for Busy High-Volume Environments**

Sharp understands the importance of productivity, that's why the new MX-7081/8081 high-speed color document systems offer up to **8,500-sheet paper capacity** and support **media weights up to 110 lb. cover (300 gsm)**. The Sharp exclusive paper feed option uses **air-feed technology**, which maximizes reliability and minimizes down time. The triple air-feed system directs air flow with precision accuracy to ensure proper paper handling. Also, to help drive productivity, a standard 300-sheet dual head document feeder can scan up to 240 images per minute.



**The MX-PE15 Fiery® Print Server – an advanced solution for efficient print production.**

### **Improve Document Production with Best-in-class Processing and Timesaving Workflow**

The Fiery MX-PE15 print server can produce professional, finished documents in less time with easy-to-use job management tools. Operators can use Fiery Command WorkStation®, the **powerful, intuitive job management interface**, to set up and print complex jobs in-house, regardless of their experience.

- **Print faster, smarter and seamlessly** – turn in-house printing into a professional operation
- **Achieve unparalleled image and color quality** – ensure consistent reproduction of your brand
- **Add value and impact** – customize your output with variable data printing capabilities

Add the optional Fiery Automation Package to gain a touchless job submission workflow and professional preflight tools.

# SCALABLE, POWERFUL AND VERSATILE TO FIT YOUR ENVIRONMENT

The MX-7081/8081 high-speed color document systems provide high performance, high functionality and high efficiency to exceed your business needs.

## innovative features

### High Quality Printing

1,200 x 1,200 dpi resolution produces razor-sharp documents. Adobe® PostScript® 3™ drivers offer extensive job control.

### Post Sheet Inserter

Produce professional looking documents with pre-printed covers and chapter inserts with the available post sheet inserter.

### Duplexing Single Pass Feeder (DSPF)

Standard 300-sheet dual head document feeder scans both sides of a document in a single pass.

### Business Card Scanning

OCR scans up to 150 business cards with the DSPF and export them to a contact management system.

### Easy-to-Use Smart Touchscreen

Tablet-style menu provides quick access to features and functions.

### Built-in Retractable Keyboard

Full-size QWERTY keyboard enables easy data entry.

### Saddle Stitch Finishers

Make high quality booklets up to 80-pages long.

### Toner Hopper

Lets you change toner on-the-fly to help maximize productivity.



### Optional MX-PE15 Fiery Server

Based on the latest Fiery FS400 Pro system software platform, the Fiery Server delivers performance-boosting features that shorten turnaround times.

### Multi-Folding Unit

Provides a variety of folds, including Z-fold, C-fold, Accordion-fold, Double-fold and Half-fold.

### Versatile GBC® SmartPunch Pro™

Professional punching system produces up to seven commonly used punch styles for creating professional bound booklets.

### 3,100-Sheet Standard Paper Capacity

Includes a 2,000-sheet letter size tandem tray, two 500-sheet letter/legal/ledger size trays that feed media up to 300 gsm and a 100-sheet bypass tray.

### Multi-layered Security Features

Leading-edge security features provide enhanced protection of data and personal information and helps protect against network intrusions.

### Superior Media Handling

Sharp's 5,000-sheet large capacity paper tray option utilizes triple air-feed technology, which directs air flow with precision accuracy for proper paper handling and enhanced media support up to 300 gsm.



Micro-Fine Toner Technology  
Developer Auto Refresh Process  
Real-Time Process Control

### Sharp's Color Consistency System

Combines Micro-fine toner with Developer Refresh and advanced Image Process Control. These processes help ensure color output is always at peak performance.

### Convenient Job Management

1TB hard disk drive provides on-board document storage. An intuitive thumbnail view makes it easy to select, edit, reprint, repaginate and more.

### Easily Access Popular Cloud Applications

With the Cloud Connect feature, users gain access to Microsoft OneDrive, Google Drive, Dropbox and more. The Sharp Application Portal makes it easy for administrators to add or update apps right from the MFP.



## SMARTER COLLABORATION TO ENHANCE AND STREAMLINE WORKFLOWS

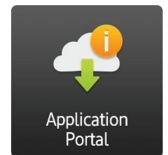


Access popular cloud applications, distribute files and print documents more easily.

### Optimize productivity with powerful document workflow solutions that help you work more efficiently.

#### **Distribute, Access and Print Your Documents with Ease**

Sharp makes it easy to go beyond traditional network scanning with standard **Email Connect** and **Cloud Connect** features. With **Email Connect**, scan to email is seamlessly integrated with Microsoft Exchange/Office 365® and Gmail™ user accounts, making it easy to identify the sender of scanned files. With Cloud Connect, users can easily scan to and print from **Microsoft OneDrive for Business, SharePoint Online, Google Drive, Box and Dropbox**. And with the Sharp Application Portal, administrators can **easily add new apps** and update existing apps right from the MFP touchscreen panel.



Scan and convert documents to popular file types seamlessly with the Sharp built-in OCR function.

#### **Scan and Print Files Easily from Mobile Devices**

The MX-7081/8081 high-speed color document systems also make it easy to scan and print files from tablets and smartphones using **Sharpdesk Mobile**, a free downloadable app available for most mobile devices.\* These new models also support popular mobile technologies such as **Apple® AirPrint®**. With standard **wireless networking**, users can also print directly to the MFP from mobile devices without interfering with the corporate network!

#### **Simplify Managing Different File Types with Intelligent Image Processing**

With standard OCR capabilities, users can easily scan and convert documents to popular file formats including Microsoft Word, PowerPoint and Excel, as well as Searchable PDF, Encrypted PDF and others. You can even directly print these same file types from thumb drives, cloud applications and mobile devices. This function is enabled via Qualcomm DirectOffice technology. These new models also support **Adobe Embedded Print Engine** technology, which direct prints PDF files from a variety of sources with greater performance and rendering accuracy.

#### **Flexible Printing Solutions Help Maximize Productivity**

The Sharp Serverless Print Release feature enables users to securely print a job and release it from up to six supported models on your network. And with support for Universal Print from Microsoft, you can easily print from anywhere when connected to the network. Universal Print allows IT administrators to manage printers through a cloud-based centralized portal.



Standard Serverless Print Release enables users to securely print a job and release it from up to six supported models on the same network.

#### **Simplify Complex Business Workflows with Sharp OSA® Technology**

**Sharp OSA technology** can help your business leverage the power of your network applications, back-end systems and cloud services. Easily automate complex processes and help eliminate redundant tasks. Talk to your authorized Sharp dealer to see how they can help you implement a streamlined workflow solution.



\*Go to [www.sharppusa.com](http://www.sharppusa.com) for a list of supported equipment and operating systems.

# COMPREHENSIVE SECURITY HELPS PROTECT YOUR BUSINESS

## Manage your device, help safeguard your data.

To help protect employees' privacy and intellectual property, the new MX-7081/8081 are armed with leading-edge, **multi-layered security features**, including **Firmware Attack Prevention and Self Recovery**, which can help identify a malicious intrusion and restore the machine firmware to its original state. The new **Whitelisting** feature detects access attempts to the machine file system and denies access if the source data is not on the whitelist. **Authority Groups** help manage and restrict copying, printing and scanning features to safeguard data and control costs. Administrators can also apply **Active Directory® Group Policy** to the device, which offers centralized configuration and control. **Confidential Printing** helps ensure sensitive documents are kept safe by requiring users to enter a PIN code to print them. These models also support Active Directory user authentication and secure **Single Sign-on**. **Integrated ID card authentication** is also available.\* When you are ready to trade the machine in, a convenient **End-of-Lease** feature can erase all data and personal information, as well as print a confirmation report.



These scalable security offerings aim to help protect your confidential and personal information, as well as help your business meet regulatory requirements. For additional information visit: [www.sharppusa.com/security](http://www.sharppusa.com/security).

\*Some features require optional equipment and/or software.



With **Sharp Remote Device Manager (SRDM)**, administrators can take control of system features and simplify installation and management. SRDM makes it easy to view service logs, click counts, history reports and more. Event-driven service alerts help monitor the device and maximize uptime. The centrally managed **security dashboard** monitors security settings and can automatically reset the security policy if changed locally at the machine. Also, **Centralized Admin Password Management** and **Centralized Power Management** make it easy to deploy changes when needed. The **Remote Front Panel** feature enables administrators to control the machine's LCD panel from a PC to troubleshoot issues and train operators. Sharp also offers both **built-in** and additional **auditing hardware and software to control, access and track usage** of each device on the network.\* And with **My Sharp™**, you get a dedicated training website customized to these models to help you understand all of the features.



## ENVIRONMENTAL COMMITMENT



### **An Environmentally Responsible Approach to Product Design**

Sharp is committed to environmental sustainability and corporate responsibility including planning, design, manufacturing, distribution and product end-of-life management. The MX-7081/8081 adhere to the Sharp Green Products Guidelines in pursuit of these commitments. These guidelines include designing products that consume less power, using recycled materials, reducing the amount of material used in products and packaging, and labeling the type of materials used. Sharp also aims to design products that are upgradable, easy to repair and easy to take apart for recycling.

The MX-7081/8081 document systems are ENERGY STAR® qualified and RoHS compliant to restrict the use of hazardous substances. These products also have low TEC values. Sharp MFPs are EPEAT® registered.



### **Toner Recycling Program**

As part of our commitment to help preserve the environment, Sharp offers zero-waste-to-landfill recycling for Sharp consumables at no cost to our customers. This program includes cartridges, bottles, toner collection containers and drum units. Sharp encourages customers to recycle their used Sharp toner cartridges in bulk by providing them with a pre-paid recycling kit for their return to our facility.

### **Environmental Leadership**

As a testament to our commitment to the environment, Sharp is a multi-year winner of the ENERGY STAR annual Excellence in Energy Proficiency Product Design. Sharp is also a multi-year winner of the SmartWay® Excellence Award which recognizes companies for conserving energy and lowering greenhouse gas emissions in logistics and transportation.

For more information about Sharp's environmental leadership including information about energy efficient products, electronics or toner cartridge recycling, please visit [www.sharppusa.com/environment](http://www.sharppusa.com/environment).



# MX-7081/8081 SPECIFICATIONS

## Main Specifications

|   |  |         |         |         |  |      |       |              |     |     |      |     |     |  |     |     |
|---|--|---------|---------|---------|--|------|-------|--------------|-----|-----|------|-----|-----|--|-----|-----|
| <b>MX-7081/8081</b>                             | Base models include 300-sheet DSPF, 2,000-sheet tandem paper drawer, (2) 500-sheet paper drawers, 100-sheet bypass tray, 1-TB hard disk drive, PCL 6 and Adobe PostScript 3 network printing, network scanning, retractable keyboard, application integration and external accounting modules. Black and color developer is included.  |         |         |         |  |      |       |              |     |     |      |     |     |  |     |     |
| <b>Type</b>                                     | Color multi-function digital document system   |         |         |         |  |      |       |              |     |     |      |     |     |  |     |     |
| <b>Display</b>                                  | 10.1" (diagonally measured) color dot matrix high-resolution touch panel tilting display, 1,024 x 600 dots (W-SVGA)  |         |         |         |  |      |       |              |     |     |      |     |     |  |     |     |
| <b>Functions</b>                                | Copy, print, network print, network scan, document filing and fax <sup>1</sup>   |         |         |         |  |      |       |              |     |     |      |     |     |  |     |     |
| <b>Copy System</b>                              | Dry electrostatic transfer/Dual component developer/Magnetic brush development/OPC drums/Belt fusing/white LED exposure  |         |         |         |  |      |       |              |     |     |      |     |     |  |     |     |
| <b>Originals</b>                                | Sheets and bound documents   |         |         |         |  |      |       |              |     |     |      |     |     |  |     |     |
| <b>Max. Original Size</b>                       | 11" x 17"  |         |         |         |  |      |       |              |     |     |      |     |     |  |     |     |
| <b>Copy Size</b>                                | Min. 5/8" x 8 1/2", Max. 13" x 19.2"   |         |         |         |  |      |       |              |     |     |      |     |     |  |     |     |
| <b>Copy Speed</b>                               | MX-7081: 75/70 ppm Mono/Color<br>MX-8081: 80/80 ppm Mono/Color   |         |         |         |  |      |       |              |     |     |      |     |     |  |     |     |
| <b>Multiple Copy</b>                            | Max. 9,999 copies  |         |         |         |  |      |       |              |     |     |      |     |     |  |     |     |
| <b>First Copy Time (in seconds)<sup>2</sup></b> | <table border="1"> <tr> <td></td> <td>MX-7081</td> <td>MX-8081</td> </tr> <tr> <td></td> <td>Mono</td> <td>Color</td> </tr> <tr> <td>Platen Glass</td> <td>4.0</td> <td>5.6</td> </tr> <tr> <td>DSPF</td> <td>6.5</td> <td>9.2</td> </tr> <tr> <td></td> <td>6.3</td> <td>8.8</td> </tr> </table>  |         | MX-7081 | MX-8081 |  | Mono | Color | Platen Glass | 4.0 | 5.6 | DSPF | 6.5 | 9.2 |  | 6.3 | 8.8 |
|   | MX-7081  | MX-8081 |         |         |  |      |       |              |     |     |      |     |     |  |     |     |
|   | Mono   | Color   |         |         |  |      |       |              |     |     |      |     |     |  |     |     |
| Platen Glass                                    | 4.0  | 5.6     |         |         |  |      |       |              |     |     |      |     |     |  |     |     |
| DSPF  | 6.5  | 9.2     |         |         |  |      |       |              |     |     |      |     |     |  |     |     |
|   | 6.3  | 8.8     |         |         |  |      |       |              |     |     |      |     |     |  |     |     |
| <b>Warm-up Time<sup>2</sup></b>                 | 66 seconds from main power switch on, 55 seconds from [Power] button on  |         |         |         |  |      |       |              |     |     |      |     |     |  |     |     |
| <b>Magnification</b>                            | 25% to 400% in 1% increments (with document feeder 25%-200%)   |         |         |         |  |      |       |              |     |     |      |     |     |  |     |     |
| <b>Original Feed</b>                            | 300-sheet/150-business card DSPF   |         |         |         |  |      |       |              |     |     |      |     |     |  |     |     |
| <b>Scan Speed</b>                               | Copy: Up to 240 ipm (Mono)/120 ipm (Color)<br>Scan: Up to 240 ipm (Mono/Color)   |         |         |         |  |      |       |              |     |     |      |     |     |  |     |     |
| <b>Original Sizes</b>                           | 5 1/2" x 8 1/2", 8 1/2" x 11", 8 1/2" x 11" R, 8 1/2" x 14", 11" x 17"   |         |         |         |  |      |       |              |     |     |      |     |     |  |     |     |
| <b>Paper Capacity</b>                           | Standard: 3,100 Sheets/Maximum: 8,500 Sheets   |         |         |         |  |      |       |              |     |     |      |     |     |  |     |     |
| <b>Paper Feed System</b>                        | Standard: Tandem Tray 1 - 1,200 sheets (letter size), Tandem Tray 2 - 800 sheets (letter size), Trays 3/4 - 500 sheets ea. (letter/legal/ledger/statement/12" x 18"). Multi-bypass Tray (for machine) - 100 sheets (letter/legal/ledger/statement/monarch or COM10 envelopes/12" x 18"), Multi-bypass (for LCT) - 500 sheets (letter/legal/ledger/statement/12" x 18"), LCT (2-Drawer) - 2,500 sheets each drawer (letter/legal/ledger/12" x 18"), Letter LCC - 3,500 sheets (letter), Ledger LCC: 3,000 sheets (letter/legal/ledger).   |         |         |         |  |      |       |              |     |     |      |     |     |  |     |     |
| <b>Paper Weights and Types</b>                  | Tandem Trays - 16-28 lb. bond, Trays 3/4 - 16 lb. bond to 110 lb. cover, Multi-bypass Tray (for machine) - 15 lb. bond to 110 lb. cover, Multi-bypass Tray (for LCT) - 15 lb. bond to 80 lb. cover, LCT (2-drawer) - 15 lb. bond to 110 lb. cover, Letter LCC/Ledger LCC - 16 lb. bond to 80 lb. cover. Supported paper types include thin, plain, recycled, color, letterhead, pre-printed, pre-punched, embossed, glossy and OHP film.   |         |         |         |  |      |       |              |     |     |      |     |     |  |     |     |
| <b>Duplexing</b>                                | Standard automatic duplex copying and printing   |         |         |         |  |      |       |              |     |     |      |     |     |  |     |     |
| <b>CPU</b>                                      | Up to 1.4 GHz multi-processor controller   |         |         |         |  |      |       |              |     |     |      |     |     |  |     |     |
| <b>Interface</b>                                | RJ-45 Ethernet (10/100/1000 Base-T), USB 2.0 (2 host ports, front and rear), USB 2.0 (1 device port), wireless 802.11 b/g/n  |         |         |         |  |      |       |              |     |     |      |     |     |  |     |     |
| <b>Memory</b>                                   | Standard 6 GB  |         |         |         |  |      |       |              |     |     |      |     |     |  |     |     |
| <b>Hard Disk Drive</b>                          | 1 TB   |         |         |         |  |      |       |              |     |     |      |     |     |  |     |     |
| <b>Copy Resolution</b>                          | Scan: 600 x 600 dpi (Mono/Color); Output: Up to 1,200 x 1,200 dpi (Mono), up to 600 x 600 dpi (Color)  |         |         |         |  |      |       |              |     |     |      |     |     |  |     |     |
| <b>Color Modes</b>                              | Auto Color Selection (ACS), Full Color, Grayscale, Monochrome  |         |         |         |  |      |       |              |     |     |      |     |     |  |     |     |
| <b>Exposure Control Modes</b>                   | Text, Text/Photo, Text/Printed-Photo, Printed-Photo, Photo, Map, Pale-Color. Settings: Auto or 5 step manual   |         |         |         |  |      |       |              |     |     |      |     |     |  |     |     |
| <b>Half-tone</b>                                | 256 gradations/2 levels (monochrome)   |         |         |         |  |      |       |              |     |     |      |     |     |  |     |     |
| <b>Copy Features</b>                            | Scan once print many, electronic sorting, offset-stacking, Auto Color Sensing, Auto Paper Selection (APS), Auto Magnification Selection (AMS), Auto Tray Switching (ATS), black-white reversal, blank page skip, book copy, book divide, card shot, center erase, centering, cover pages, dual page copy, edge erase, image edit, image preview, insert pages, job build, job programs, margin shift, mirror image, mixed size original, multi-page enlargement, original count, pamphlet style, proof copy, repeat layout, reserve copy, rotated copy, stamp, stamp custom image, suppress background, tab copy, tab-paper insertion, tandem copy, toner save mode, transparency inserts, watermark, 2-in-1 / 4-in-1 / 8-in-1 multi shot. |         |         |         |  |      |       |              |     |     |      |     |     |  |     |     |
| <b>Account Control</b>                          | Up to 1,000 users. Supports user-number authentication via local, LDAP and Active Directory for copy, print, scan and document management.   |         |         |         |  |      |       |              |     |     |      |     |     |  |     |     |
| <b>Cloud Supported Services</b>                 | Google Drive, OneDrive for Business, SharePoint, Box, Dropbox, Office 365, Gmail   |         |         |         |  |      |       |              |     |     |      |     |     |  |     |     |
| <b>Network Protocols</b>                        | TCP/IP (IPv4, IPv6, IPsec), HTTP/HTTPS, IPP/PP-SSL, FTP/TFPS, SNMPv3, SMTP/SMTP-SSL, POP3/POP3-SSL, LDAP/LDAP-SSL, 802.1x for Windows and Unix.  |         |         |         |  |      |       |              |     |     |      |     |     |  |     |     |

## Main Specifications (continued)

|   |   |
|---|---|
| <b>Network and Data Security</b>          | Includes IP/MAC address filtering, protocol filtering, port control, user authentication (local/LDAP/Active Directory), TLS Encryption, Kerberos support, data encryption, End-of-Lease, data overwrite (up to 10x), DoD 5220.22-M  |
| <b>Firmware Management</b>                | Flash ROM with local (USB), network update capability and firmware update 1 to N with SRDM (Sharp Remote Device Management)   |
| <b>Device Setup Service/Functions</b>     | Web-based management with user/administrator level login<br>Remote front panel, remote access to service logs and click counts  |
| <b>Accessibility Features</b>             | Free stop tilting front panel, adjustment of key touch sound and speed, concave key, document feeder free stop, job programs, remote front panel, universal grip for paper trays, and disable screen timeout  |
| <b>Environmental Standards</b>            | International Energy Star Program Ver. 3.0, European RoHS, Blue Angel (DE-UZ205)  |
| <b>Power Source</b>                       | 208-240V AC, 60 Hz, 20 A Receptacle   |
| <b>Power Consumption</b>                  | Maximum: 2,880 W or less  |
| <b>Weight</b>                             | Approx. 461 lbs.  |
| <b>Dimensions</b>                         | Approx. 33 1/4" (w) x 33 3/4" (d) x 49" (h)   |
| <b>Network Printing System</b>            |   |
| <b>PDL</b>                                | Standard PCL 6, Adobe PostScript 3  |
| <b>Resolution</b>                         | 1,200 x 1,200 dpi   |
| <b>Print Speed</b>                        | MX-7081: 75/70 ppm Mono/Color<br>MX-8081: 80/80 ppm Mono/Color  |
| <b>Print Drivers</b>                      | Windows 8.1, Windows 10, Windows Server® 2012, Windows Server 2016, Windows Server 2019, Windows PPD, macOS X® (including 10.9 to 10.15), all MAC PPD, Linux® PPD, Universal Print (requires Microsoft connector)   |
| <b>Mobile Printing Print Features</b>     | AirPrint, Sharpdesk Mobile, Synappx Go<br>Auto configuration, serverless print release, bar code font printing, carbon copy print, chapter inserts, color adjustment settings, color mode, confidential print, continuous printing, custom image registration, different cover page/last page/ other page, document control, document filing, duplex printing, electronic sorting, folding, form overlay, hidden pattern print, image rotation, image stamp, image type, job bypass print, job retention, layout print, margin shift, multiple pamphlet, network tandem print, N-up printing, offset stacking, page interleave, pamphlet style, poster print, proof print, print and send, punching, stapling, tab paper print, tab printing, toner save mode, transparency inserts, tray status, user authentication, watermarks, zoom print |
| <b>Direct Printing</b>                    | File Types: TIFF, JPEG, PCL, PRN, TXT, PDF, Encrypted PDF, Compact PDF/A, PostScript, DOCX, XLSX, PPTX, and PNG. Methods: FTP, SMB, Web page, Email and USB memory. PDF file formats supported by the Adobe Embedded Print Engine.  |
| <b>Resident Fonts</b>                     | 80 outline fonts (PCL), 139 fonts (PS)  |
| <b>Interface</b>                          | RJ-45 Ethernet 10/100/1000 Base-T, USB 2.0, wireless  |
| <b>Operating Systems and Environments</b> | Windows 8.1, Windows 10, Windows Server 2012, Windows Server 2016, Windows Server 2019, Chrome®, Mac OS X 10.9-10.15, Unix®, Linux, Citrix®, SAP device types <sup>3</sup>  |
| <b>Printing Protocols</b>                 | LPR, IPP, IPPS, Raw TCP (port 9100), FTP, POP3 and HTTP   |
| <b>Network Scanning System</b>            |   |
| <b>Scan Modes</b>                         | Standard: Color, monochrome, grayscale  |
| <b>Max. Original Size</b>                 | 11" x 17"   |
| <b>Optical Resolution</b>                 | 600 dpi   |
| <b>Output Modes</b>                       | 600 dpi, 400 dpi, 300 dpi, 200 dpi, 150 dpi, 100 dpi  |
| <b>Image Formats</b>                      | Monochrome: TIFF, PDF, PDF/A-1b, PDF/A-1a, Encrypted PDF, Searchable PDF, XPS, PPTX, XLXS, DOCX, TXT, RTF. Color/Grayscale: TIFF, JPEG, PDF, PDF/A-1b, PDF/A-1a, Encrypted PDF, Compact PDF, Searchable PDF, XPS, PPTX, XLXS, DOCX, TXT, RTF. Internet Fax: TIFF-FX, TIFF-F, TIFF-S1  |
| <b>Image Compression</b>                  | Monochrome Scanning: Uncompressed, G3 (MH), G4 (MR/MMR)<br>Color/Grayscale: JPEG (high, middle, low)<br>Internet Fax mode: MH/MMR (option) <sup>1</sup>   |
| <b>Scan Destinations</b>                  | Email, Desktop, FTP, Folder (SMB), USB, Internet fax (option), Super G3 fax (option)  |
| <b>One-touch Destinations</b>             | Up to 2,000 (combined scan destinations)  |
| <b>Group Destinations</b>                 | Up to 500   |
| <b>Programs</b>                           | 48 (combined)   |
| <b>Max. Jobs</b>                          | Up to 100   |
| <b>Enhanced Email Integration</b>         | Standard Gmail connector, standard Exchange connector   |

## 3K 65-Sheet Staple Finisher (MX-FN34: option)

|                             |  |
|-----------------------------|--|
| <b>Type</b>                 | 3,000-sheet console staple finisher (65-sheet stapling)  |
| <b>Output Trays</b>         | Top tray: 250 sheets (letter size, non-stapled)<br>Lower tray: Moving offset tray (up to 3,000 letter size sheets) |
| <b>Stapling Capacity</b>    | Up to 65 sheets (letter/statement)   |
| <b>Stapling Media</b>       | Plain paper, letter/legal/ledger size or mixed   |
| <b>Stapling Positions</b>   | 1 front, 1 rear, or 2-point stitching  |
| <b>Stapleless Finishing</b> | 1 rear (max. 5 sheets)   |
| <b>Manual Stapling</b>      | 1 point (max. 65 sheets)   |

## 3K 65-Sheet Staple/Saddle Stitch Finisher (MX-FN35: option)

|                             |   |
|-----------------------------|---|
| <b>Type</b>                 | 3,000-sheet console staple finisher (65-sheet stapling)   |
| <b>Output Trays</b>         | Top tray: 250 sheets (letter size, non-stapled)<br>Lower tray: Moving offset tray (up to 3,000 letter size sheets)<br>Saddle tray: Up to 10 sets of 20 sheets |
| <b>Stapling Capacity</b>    | Up to 65 sheets (letter/statement)  |
| <b>Stapling Media</b>       | Plain paper, letter/legal/ledger size or mixed  |
| <b>Stapling Positions</b>   | 1 front, 1 rear, or 2-point stitching   |
| <b>Saddle Stitch</b>        | Center stitch/center fold (2 staples) letter/legal/ledger paper sizes   |
| <b>Max. Sets</b>            | Up to 10 sets (11-20 sheets per set)/15 sets (6-10 sheets per set)/25 sets (1-5 sheet(s) per set)   |
| <b>Stapleless Finishing</b> | 1 rear (max. 5 sheets)  |
| <b>Manual Stapling</b>      | 1 point (max. 65 sheets)  |

## Optional Equipment

|          |  |
|----------|--|
| MX-LC12  | 3,500-sheet Large Capacity Cassette (letter)                     |
| MX-LC13N | 5,000-sheet Large Capacity 2-Drawer Air-Feed Tray (ledger)       |
| MX-LCX3N | 3,000-sheet Large Capacity Cassette (ledger) <sup>1</sup>        |
| MX-LT10  | Long Paper Feeding Tray  |
| MX-MF11  | 500-sheet Multi-bypass Tray (for MX-LC13N) <sup>1</sup>          |
| MX-FN21  | 4K Stacking 100-Sheet Staple Finisher <sup>1</sup>               |
| MX-FN22  | 4K Stacking 100-Sheet Staple/Saddle Stitch Finisher <sup>1</sup> |
| MX-FN34  | 3K Stacking 65-sheet Staple Finisher                             |
| MX-FN35  | 3K Stacking 65-sheet Staple/Saddle Stitch Finisher               |
| MX-GBCX2 | GBC Smartpush Pro  |
| MX-CF11  | 2-Tray Inserter Unit <sup>1</sup>                                |
| MX-FD10  | Multi-folding Unit <sup>1</sup>                                  |
| MX-RB12N | Paper Pass Unit (for machine) <sup>1</sup>                       |
| MX-RB13  | Relay Unit <sup>1</sup>  |
| MX-RB14  | Paper Pass Unit (for MX-LC13) <sup>1</sup>                       |
| MX-RB27  | Curl Correction Unit <sup>1</sup>                                |
| MX-TM10  | Trimmer Unit <sup>1</sup>  |
| MX-PN13B | 3-Hole Punch Unit (for MX-FN21/FN22)                             |
| MX-PN16B | 3-Hole Punch Unit (for MX-FN34/FN35)                             |
| MX-SC11  | Staple Cartridge (for MX-FN34/FN35)                              |
| MX-SC12  | Staple Cartridge (for MX-FN35)                                   |
| MX-SCX1  | Staple Cartridge (for MX-FN22)                                   |
| MX-SCX2  | Staple Cartridge (for MX-FN21/FN22)                              |
| MX-TR14  | Right Side Exit Tray   |
| MX-TU14  | Center Exit Tray   |
| AR-SU1   | Stamp Unit (requires AR-SV1 Stamp Cartridge)                     |
| AR-SV1   | Stamp Cartridge (required for AR-SU1)                            |
| MX-PF10  | Bar Code Font Kit  |
| MX-FWX1  | Internet Fax Expansion Kit                                       |
| MX-FX15  | Fax Expansion Kit  |
| MX-AMX1L | Application Integration Module                                   |
| MX-FR65U | Data Security Kit  |
| MX-PE15  | Fiery Color Print Server   |
| MX-PX15  | Fiery Interface Kit  |
| MX-SL10N | Status Indicator   |
| DVENDFSV | Generic Vendor Interface Kit                                     |

## Supplies

|           |                               |
|-----------|-------------------------------|
| MX-80NTBA | Black Toner Cartridge         |
| MX-80NTCA | Cyan Toner Cartridge          |
| MX-80NTMA | Magenta Toner Cartridge       |
| MX-80NTYA | Yellow Toner Cartridge        |
| MX-62NVBA | Black Developer               |
| MX-62NVSA | Cyan/Magenta/Yellow Developer |
| MX-62NRSA | Drum                          |
| MX-700HB  | Toner Collection Container    |

<sup>1</sup> Some features require optional equipment. See your local dealer.

<sup>2</sup> May vary depending on product configuration, machine settings and operating and/or environmental conditions.

<sup>3</sup> Go to [www.sharpusa.com](http://www.sharpusa.com) for a list of supported devices and operating systems.



SHARP ELECTRONICS CORPORATION  
100 Paragon Drive, Montvale, NJ 07645  
1-800-BE-SHARP • [www.sharpusa.com](http://www.sharpusa.com)

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