

# SHARP®

## PRO SERIES MONOCHROME DOCUMENT SYSTEMS



**MX-M1055 MX-M1205**  
with optional EFI™ Fiery® Print Server

Sharp's new Pro Series Monochrome Document Systems  
rise above the rest with elevated productivity.

## PROFESSIONAL RESULTS WITH UNSURPASSED FLEXIBILITY

Efficiency

The MX-M1055 and MX-M1205 high performance monochrome document systems are the latest additions to the Sharp Pro Series light production lineup. Built on award-winning technology, these models add advanced workflow capabilities with EFI's latest Fiery platform that helps set the bar for the ultimate in efficiency and operation. The new Fiery Print Server MX-PE11 provides in-plants and Central Reprographics Departments (CRD) with the advanced workflow capabilities they expect.

### Key Features

- **Large, high-resolution 15.4" color touchscreen** display with swing out keyboard and touch pad streamlines operation and job management.
- **Triple-air paper feed units** combined with the Print Engine Paper Catalog (PEPC) offer a wide range of paper types to be utilized with high precision and reliability.
- **The new powerful Fiery Print Server** is available for advanced workflows and high productivity. Command WorkStation is fully integrated with the Sharp touchscreen for unmatched control and ease-of-use.

The MX-M1055 and MX-M1205 also support Sharp OSA<sup>®</sup> technology, which makes integration with network applications and cloud services simple and easy. Sharp's industry-leading security platform incorporates standard 256-bit data encryption and overwrite protection to help safeguard your business's intellectual property. And when it comes time to trade in, a convenient End-of-Lease feature can erase all job data and user data.





# PRECISION ENGINEERED FOR HIGH PRODUCTIVITY



LARGE, HIGH RESOLUTION  
15.4" (DIAGONALLY MEASURED)  
COLOR TOUCHSCREEN  
DISPLAY WITH INTEGRATED  
KEYBOARD AND TOUCH PAD

TRIPLE AIR-FEED PAPER  
HANDLING OPTION

AVAILABLE FIERY  
PRINT SERVER



Designed and built for print-on-demand environments with world class features that exceed expectations.

- Flexible modular design provides a **wide variety of configurations** from basic high-speed copying and printing to **professional folding and booklet making**.
- **Scan Preview** feature offers on-the-fly page editing with easy fingertip navigation.
- **250-sheet Duplex Single Pass Feeder (DSPF)** scans documents at up to 200 images per minute.
- **Triple air-feed** paper handling option offers **high reliability** and is virtually maintenance-free.
- **Print Engine Paper Catalog (PEPC)** stores up to **1,000 media profiles** to help maintain optimum print quality.
- Up to **13,500-sheet paper capacity** supports media up to **110 lb. cover stock (300 gsm)**.
- Available **5,000-sheet paper stackers** with roll-out cards can be connected in tandem for unattended operation of up to **10,000 sheets**.

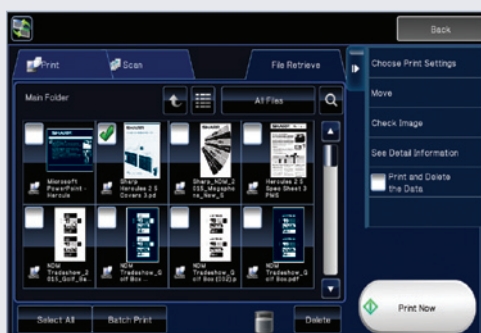


15.4" (diagonally measured) display with full access to Fiery Command WorkStation enables an integrated solution.

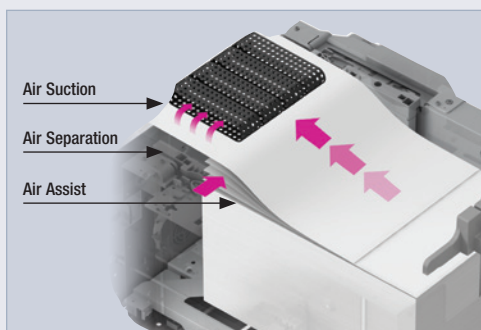
- Standard high-performance print controller with included PCL®6 and **true Adobe® PostScript®3™**.
- True **1200 x 1200 dpi** printing provides beautiful images and enhanced clarity for fine details such as small text and graphics.
- Standard **Job Management** features make it easy to print on-demand 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.
- 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.



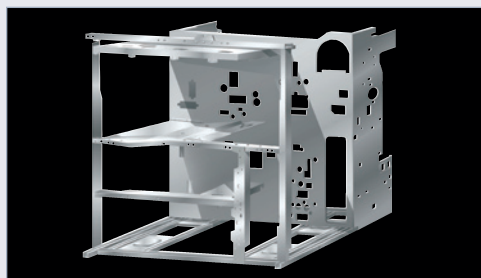
## ADVANCED FEATURES HELP ENSURE OPTIMUM RESULTS



Thumbnail preview with intuitive operation simplifies overall job management.



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



A highly-rigid frame design helps better protect and isolate critical machine components. This also ensures increased reliability and durability in order to withstand heavy use from high-speed and high-volume output.

### Precise paper handling with best-in-class reliability.

#### **Production class paper handling with Air-feed Technology**

Sharp understands the importance of productivity, that's why the MX-M1055 and MX-M1205 Pro Series Monochrome Document Systems offer the new **Print Engine Paper Catalog (PEPC)**, which resides on the print engine and allows up to **1,000 custom paper entries**, giving operators ultimate control when handling the specific characteristics of their preferred paper. Bringing together Sharp's exclusive triple air-feed large capacity tray option with the comprehensive paper catalog helps ensure precise paper handling and excellent print results on a wide range of media.

#### **Intuitive Job Management**

Sharp's Document Filing System provides a 1 TB hard disk drive to store frequently used files. With the **thumbnail preview mode**, **stored jobs can be located and retrieved quickly**. Easily reprint retained jobs, combine jobs, repaginate jobs, edit pages and more. For environments with critical documents, a redundant back-up hard drive is available.



Never miss a deadline –  
**13,500-sheet paper capacity**  
with options helps keep production  
and workflow moving.





## HIGH PERFORMANCE – SUPERIOR IMAGE QUALITY

With an MX-PE11 Fiery Server, the Sharp Pro Series Monochrome Document Systems become a powerful integrated solution for managing high-volume, CRDs and in-plants.

- Manage jobs and access the full functionality of **Fiery Command WorkStation®** integrated on the large Sharp touchscreen display.
- Produce documents of the highest image quality possible and inspect jobs before they print with the optional **Fiery ImageViewer**.
- **Process large, complex VDP jobs** fast to maximize throughput and utilize maximum engine capacity.



The MX-M1205 shown with Fiery Command WorkStation fully integrated at the control panel. In addition, the MX-PE11 Fiery Server includes a touch pad for precise menu navigation.



### Improve Productivity

Based on the latest Fiery FS200 Pro system software, the MX-PE11 Fiery Server delivers performance-boosting features that **shorten turnaround times** and produce fully finished jobs that stand out and differentiate your business.

### Intuitive Centralized Print Job Management

The MX-PE11 Fiery Server utilizes Fiery Command WorkStation as a **centralized solution for print job management**. The intuitive and visual interface enables operators to monitor, prepare and troubleshoot jobs for production from multiple client computers or locally from the Sharp Pro Series touchscreen display.

### Add Value with the Power of Variable Data

The MX-PE11 Fiery Server enables customers to save money by personalizing printing with the built-in, entry-level **Fiery FreeForm™** and with the supported industry-leading **variable data printing (VDP)** formats including PPML and the new PDF/VT-1 and 2 formats.

### Produce Exceptional Finished Documents

The MX-PE11 Fiery Server offers optional make-ready tools to **streamline job submission**, efficiently perform a wide variety of production tasks and supports imposition of booklets with **Fiery VUE** and **Booklet Maker**. Inspect jobs in the optional Fiery ImageViewer for black and white software. Use the black curve adjustments to improve tonality and ensure high image quality.

### Integration with Third Party and Other EFI Solutions

The MX-PE11 Fiery Server uses the Adobe PDF Print Engine (APPE) **v3 rendering technology** to offer a native end-to-end PDF workflow. The Fiery open platform also supports industry standards and seamlessly integrates with existing MIS environments, thirdparty vendors and other EFI management information systems to run the printing operation with **increased efficiency**.

# HIGHLY VERSATILE POWERHOUSE

Reliability

The MX-M1055 and MX-M1205 Pro Series Monochrome Document Systems offer a choice of two high powered print servers to meet the demands of CRDs and in-plants at speeds up to 105 ppm and 120 ppm respectively.

## ■ High Quality Professional Output

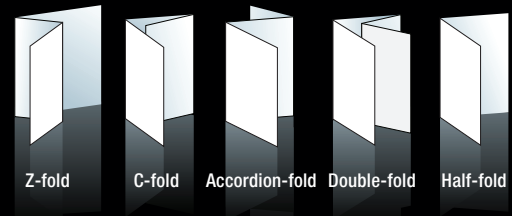
Produce compelling black and white documents with crisp razor-sharp graphics. True 1200 x 1200 dpi resolution helps ensure all your documents will look great every time.

## ■ Versatile Finishing Options

Two powerful finishing systems are available – a 4,000-sheet stacking finisher with 100-sheet stapling capacity or a 4,000-sheet saddle-stitch finisher, which can produce up to 80-page professional booklets with the available face trimmer unit.

## ■ Multi-Folding Unit

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



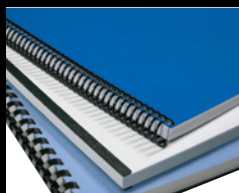
## ■ Plockmatic Production Booklet Maker System

Produces 120-page professional, square-fold spine booklets in-line at engine speed.



## ■ GBC® SmartPunch Pro™

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



## ■ 5,000-Sheet Stacker

For high volume post process jobs, add the 5,000-sheet stacker with standard paper cart. Connect two stackers in tandem (as shown) for unattended output of up to 10,000 sheets.



# Versatility

## ■ Optional MX-PE11 Fiery Server

Based on the latest Fiery FS200 Pro system software platform, The Fiery Server delivers performance-boosting features that shorten turnaround times.



## ■ Post Sheet Inserter

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

## ■ Integrated Network Scanning

Sharp's ImageSEND™ feature provides one-touch document distribution. Scans to multiple destinations, including Email, FTP, Network Folder (SMB and Home Directory) and USB.

## ■ Duplexing Single Pass Feeder (DSPF)

Standard 250-sheet dual head document feeder scans both sides of a document in a single pass at up to 200 images per minute (IPM). This system helps maximize both efficiency and reliability.

## ■ 15.4" Touchscreen (diagonally measured)

A large, high resolution touchscreen with tablet-style navigation makes it easy to access features. You can also add shortcut keys to popular features, change the key layout or add a custom background theme.

## ■ 500-Sheet Multi-Bypass

Feeds paper sizes from 5-1/2" x 8-1/2" to 12" x 18".

## ■ Independent Motors

Insulated independent motors run quieter and provide higher reliability.

## ■ 3,000-Sheet Standard Paper Capacity

Includes 2,000-sheet letter size tandem tray and two 500-sheet letter/legal/ledger size trays. Add optional paper handling accessories for a maximum on-line paper capacity of 13,500 sheets.

## ■ Construction

Offers increased durability and reliability to withstand heavy use.

## ■ 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.

## ■ Handling

Sharp's advanced 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. Two large capacity trays can be connected in tandem (as shown).



# CONFIGURATIONS TO SUIT VIRTUALLY ANY ENVIRONMENT

## Versatile and Customizable To Fit Your Needs

The MX-M1055/M1205 Pro Series Monochrome Document Systems offer flexible paper handling and finishing options to accommodate any size in-plant or on-demand workflow environment.\*



MX-M1205 shown with 3,500-sheet large capacity cassette, 100-sheet Staple/Saddle Stitch Finisher and 100-sheet bypass tray.



MX-M1205 shown with Curl Correction Unit, Inserter, Multi-Folding Unit, GBC SmartPunch Pro, 100-sheet Staple/Saddle Stitch Finisher, dual 5,000-sheet large capacity trays, dual 5,000-sheet paper stackers, 500-sheet multi-bypass tray and status indicator.

## Modular Options Make It Easy To Build the System of Your Choice

Options for the MX-M1055/M1205 enable businesses to choose from several high performance finishing systems that offer up to 100-sheet stapling, professional saddle stitch booklet making and three-hole punching. More advanced configurations include a square-fold spine Booklet Making System, a professional punching system, high capacity paper stackers, a two-tray inserter, a multi-folding unit and a trimmer unit.

Customize



Multi-Folding Unit

Two-Tray Inserter

MX-M1055/M1205 Base Machine

3,500-Sheet Letter LCC

100-Sheet Multi-Bypass

3,000-Sheet Ledger LCC



Plockmatic 120-page Production Booklet Maker System



100-Sheet Staple Saddle Finisher



100-Sheet Staple Stacking Finisher



GBC Smart Punch Pro™



5,000-Sheet Paper Stacker



5,000-Sheet LCT Air-Feed



500-Sheet Multi-Bypass

\*Some options not available in all configurations, see your local dealer.



# GET MORE OUT OF NETWORK RESOURCES

## Streamline your document workflow and enhance productivity with Sharp OSA technology.

### ***Integrating with Network Applications and Cloud Services Has Never Been So Easy***

With standard Application Communication and External Accounting modules, the MX-M1055/M1205 Pro Series Monochrome Document Systems offer **powerful document workflow capabilities** to help businesses leverage their network infrastructure, cloud-enabled services and more.\* While others are limited to a small circle of productivity, the Sharp OSA development platform allows businesses to leverage the power of their network applications, back-end systems, even cloud-enabled services, right from the touchscreen panel of this new series.

### ***Save Time, Increase Efficiency***

You'll save time and increase the efficiency of everyday tasks with Sharp OSA technology because it can be virtually seamless to the user. Any MX-M1055/M1205 anywhere in the organization can display choices that were once only available on a desktop PC. With **one-touch access** to business applications via Sharp OSA integration, you can start and finish a document distribution task without worry.

*\*Some features require optional equipment.*

### ***Customized Integration***

Sharp OSA technology also provides **powerful customization**. With the ability to personalize applications and processes specific to your business, Sharp OSA technology can help eliminate redundancy and **streamline workflow**, helping to save time and **optimize productivity**. The latest version of Sharp OSA technology can reach beyond the firewall, enabling cloud-based applications over the Internet. And since Sharp OSA technology utilizes industry-standard programming languages and web APIs, third party software developers can deliver customized solutions to your business faster than ever.

### ***Connect with Cloud Portal Office and collaborate more easily***

Cloud Portal Office is a comprehensive document storage and sharing service that provides a convenient way to **seamlessly connect to your business content** and easily **share and collaborate** with team members. You can also capture, index and archive both paper and electronic documents in a single repository. Most importantly, IT administrators can **manage and control user access** to in order to safeguard company data.

## ADVANCED DEVICE MANAGEMENT TOOLS MAXIMIZE EFFICIENCY

## The MX-M1055/M1205 Pro Series Monochrome Document Systems enhance operational efficiency through versatile device management.



### ***Sharp Device Management Suite***

Sharp's suite of intelligent tools deliver unparalleled control over the administration of Sharp MFPs. All MFPs and printers in your network can be managed and monitored effortlessly to maximize uptime and ensure the flow of important business communications.

### ***Sharp Remote Device Manager (SRDM)***

With **SRDM**, administrators can easily view detailed information on each device such as consumable levels, network connectivity and click counts. Advanced features such as **Remote Front Panel** allow administrators and support personnel to view and control the LCD panel of the machine remotely from any PC on the network. Plus, with event-driven service alerts, administrators and supervisors can achieve higher productivity. Now it is easier than ever to monitor the status of MFPs.

### ***Printer Status Monitor***

Sharp's Printer Status Monitor makes it easy for an end user to view printer conditions, check paper and toner levels, and more all through a simple interface.

### ***Embedded Web Page***

Experience the convenience of Sharp's Embedded Web Page right from your desktop. This advanced web-based management tool allows users to create and manage their own network scanning destinations, profiles and web-links. Administrators can access device settings, account information and security settings.

### ***Take Charge of Usage and Costs***

Through Sharp's **Embedded Web Page**, administrators and supervisors can define User Groups on the MX-M1055/M1205 to manage and restrict features such as copying, printing, and scanning. Custom user groups can be easily created to manage page counts. This helps to simplify cost management of imaging. The MX-M1055/M1205 can store profiles for up to 1,000 users.

### ***24/7 Training with My Sharp™***

Managing all of the advanced features of your Sharp product is simple and easy. Ask your Authorized Sharp Dealer about the **My Sharp** website. This dedicated customer training website is customized to your MX-M1055/M1205 and allows you to locate resources and find information specific to your configuration, truly helping you maximize your investment.



Remote Front Panel

Remote Front Panel

# SAFEGUARD YOUR INTELLECTUAL PROPERTY

## PRIVACY

## AUTHORIZATION

## CONFIDENTIALITY

## PROTECTION



### Sharp's Standard Key Security Features at a Glance

- 256-Bit Data Encryption
- Up to 7 times Data Overwrite Protection
- Group Account Management for up to 1,000 Users
- Confidential Printing
- Port Management
- IP/MAC Address Filtering

## Innovative document and device protection helps ensure confidentiality.

To help protect your data, the MX-M1055/M1205 offers several layers of **Standard Security**, making Sharp the optimum choice to help protect employees' privacy and intellectual property. As a leader in office equipment security, Sharp makes it easy for virtually any business or government entity to safely deploy digital copying, printing, scanning and faxing.

### **Data Encryption and Overwrite**

To help protect your data, the MX-M1055/M1205 can encrypt document data using AES (Advanced Encryption Standard) **256-bit encryption**. The MX-M1055/M1205 can also erase the temporary memory on the hard drive by overwriting the encrypted data up to seven times, offering an unprecedented level of assurance. A convenient **End-of-Lease feature** overwrites all data, including the Document Filing area, user data, job status data and address book.

### **Network Scanning Access Control**

To help protect your network from unauthorized Email communications, the MX-M1055/M1205 supports **User Authentication**, requiring users to login before performing any network scanning operations.

### **Authority Groups**

Advanced **Account Management** enables administrators to set authority groups for access to features of the MX-M1055/M1205. Administrators can control which department, for instance, has full access to copying, printing and/or scanning. Walk-up users enter a code, Local Name and Password, or LDAP User Authentication to access the features assigned to their group.

### **Control Device Access Over the Network**

To help restrict access to the device over the network, the MX-M1055/M1205 offers IPsec, SMB and extended support for **TLS Encryption** (Transport Layer Security), **IP/MAC** address filtering, IEEE 802.1x authentication, protocol enable/disable and port management for maximum security.

### **Documents Remain Confidential**

The MX-M1055/M1205 offers **Confidential Printing**, which when used, requires users to enter a PIN code in order to print a queued document. To help protect your direct-print documents from unauthorized viewing, the MX-M1055/M1205 offers encrypted PDF printing and scanning.

### **Tracking and Auditing Information**

Legislation and industry policies require companies to be more aware of information flow from their offices. Sharp offers both built-in and additional hardware/software which allows users to **control, access and track usage** of each device on the network.

### **Data Security Kit (Optional)**

For maximum protection, the optional data security kit offers additional features, such as **Data Overwrite on-demand** and at power up, Document Filing access control, **Incorrect Password Lockout** and Restricted Status Display and Restricted List printing.

These scalable security offerings aim to protect your intellectual property, preserve confidential information and help your business to meet regulatory requirements, such as the Health Insurance Portability and Accountability Act (HIPAA) and the Gramm-Leach-Bliley Act (GLB). For additional information visit: [www.sharppusa.com/security](http://www.sharppusa.com/security).





## COMMITTED TO HELPING PROTECT THE ENVIRONMENT



### Advanced Energy Saving Features

The MX-M1055/M1205 utilizes several energy efficient technologies to minimize power consumption and maximize energy savings.

- An LED exposure lamp reduces power significantly when compared to conventional exposure lamps.
- A customizable seven-day power management scheduler allows businesses to define the days and times when power will be turned on and turned off.
- Sharp's Auto Power Management function allows the device to be set to shut off automatically based on usage trends.
- Sharp's Eco-Scan mode can shut off the fuser when scanning documents, previewing images, faxing and other operations.



Sharp's environmental initiatives and dedication to developing energy efficient document systems set a high standard for the industry.

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

The MX-M1055/M1205 Pro Series Monochrome Document Systems utilize Sharp's advanced **micro-fine toner technology**, which offers a lower consumption rate and produces less waste than conventional toners, resulting in longer replacement intervals. Sharp supplies are packaged using fully **recyclable materials**. Long-life consumable parts help minimize service intervals and downtime, resulting in lower operating costs. With two different energy saving modes, power can be reduced or shut off at set intervals. All Sharp document systems are **ENERGY STAR® qualified** and **RoHS compliant** to restrict the use of hazardous substances.

### *Toner Recycling Program*

As part of our commitment to helping preserve the environment, Sharp offers our customers zero-waste-to-landfill recycling for all Sharp consumables, including cartridges, bottles, toner collection containers and drum units. Sharp encourages customers to recycle their used Sharp toner cartridges in bulk by providing 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<sup>SM</sup> Excellence Award**, which recognizes companies for conserving energy and lowering greenhouse gas emissions in logistics and transportation. Sharp was also a previous recipient of the **Excellence in Partnership Green Contractor Award** and the **Evergreen Award** from the General Services Administration (GSA) and the Coalition for Government Procurement. These awards recognize environmentally responsible businesses and their efforts on recycling, waste reduction and affirmative procurement practices.

### *Global Initiatives*

Sharp is committed to environmental sustainability and corporate responsibility including planning, design, manufacturing, distribution and product end-of-life management. 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-M1055/M1205 SPECIFICATIONS

## Main Specifications

|                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |          |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| <b>MX-M1055/M1205</b>         | Base models include LCD, 250-sheet DSPF, 3,000-sheet paper capacity, 1 TB hard disk drive, PCI6®/Adobe® PostScript® 3™ networkprinting, color network scanning, web browser, swing out keyboard, application communication module and external accounting module                                                                                                                                                                                                        |          |
| Type                          | Console, Monochrome multi-function digital document system                                                                                                                                                                                                                                                                                                                                                                                                              |          |
| Display                       | 15.4" (diagonally measured) color dot matrix high-resolution touch panel tilting display. 1280 x 800 dots (WXGA)                                                                                                                                                                                                                                                                                                                                                        |          |
| Functions                     | Copy, print, network print, network scan, document filing and fax¹                                                                                                                                                                                                                                                                                                                                                                                                      |          |
| Copy System                   | Dry electrostatic transfer/Dual component developer/Magnetic brush development/OPC/white LED exposure/heat roller fusing                                                                                                                                                                                                                                                                                                                                                |          |
| Originals                     | Sheets and bound documents                                                                                                                                                                                                                                                                                                                                                                                                                                              |          |
| Max Original Size             | 11" x 17"                                                                                                                                                                                                                                                                                                                                                                                                                                                               |          |
| Copy Size                     | Min. 5½" x 8½", Max. 11" x 17" + 12" x 18"                                                                                                                                                                                                                                                                                                                                                                                                                              |          |
| Copy Speed                    | 105/120 ppm (8½" x 11")                                                                                                                                                                                                                                                                                                                                                                                                                                                 |          |
| Multiple Copy                 | Max. 9999 copies                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |
| First Copy Time (in Seconds)² | MX-M1055                                                                                                                                                                                                                                                                                                                                                                                                                                                                | MX-M1205 |
|                               | Platen Glass                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 3.2      |
|                               | DSPF                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 5.5      |
| Warm Up Time                  | 210 seconds²                                                                                                                                                                                                                                                                                                                                                                                                                                                            |          |
| Magnification                 | 25% to 400% in 1% increments (with document feeder 25%-200%)                                                                                                                                                                                                                                                                                                                                                                                                            |          |
| Original Feed                 | 250-sheet DSPF                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |
| Scan Speed                    | DSPF Scan: Up to 200 IPM² (Monochrome or Color)                                                                                                                                                                                                                                                                                                                                                                                                                         |          |
| Original Sizes                | 5½" x 8½", 8½" x 11", 8½" x 11" R, 8½" x 14", 11" x 17"                                                                                                                                                                                                                                                                                                                                                                                                                 |          |
| Paper Capacity                | Std. 3,000 Sheets/Max. 13,500 Sheets                                                                                                                                                                                                                                                                                                                                                                                                                                    |          |
| Paper Feed Sizes              | Standard: Tandem Tray 1 - 1200 sheets (letter size), Tandem Tray 2 - 800 sheets (letter size), Trays 3/4 - 500 sheets ea. (letter/legal/ledger/statement/12" x 18"). Optional: Multi-bypass Tray (for machine) - 100 sheets (letter/legal/ ledger/statement/ 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). |          |
| Paper Weights and Types       | Tandem Trays - 16-28 lb. bond, Trays 3/4 - 16 lb. bond to 100 lb. bristol, Multi-bypass Tray (for machine) -15 lb. bond to 110 lb. cover, Multi-bypass Tray (for LCT) - 15 lb. bond to 100 lb. bristol, LCT (2-drawer) - 15 lb. bond to 110 lb. cover, Letter LCC - 16 lb. bond to 110 cover². Supported paper types include thin, plain, recycled, color, letter head, pre-printed and pre-punched, embossed and glossy.                                               |          |
| Duplexing                     | Standard automatic duplex copying and printing                                                                                                                                                                                                                                                                                                                                                                                                                          |          |
| CPU                           | Up to 1.8 GHz Multi-Processor Controller                                                                                                                                                                                                                                                                                                                                                                                                                                |          |
| Interface                     | RJ-45 Ethernet (10/100/1,000 Base-T), USB 2.0 (2 host ports, front and rear), USB 2.0 (1 device port)                                                                                                                                                                                                                                                                                                                                                                   |          |
| Memory                        | Standard 5 GB                                                                                                                                                                                                                                                                                                                                                                                                                                                           |          |
| Hard Disk Drive               | 1 TB                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |          |
| Copy Resolution               | Scan: 1200 x 1200 dpi / 600 x 600 dpi                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |
| Copy Modes                    | Monochrome/Grayscale                                                                                                                                                                                                                                                                                                                                                                                                                                                    |          |
| Exposure Control              | Modes: Text, Text/Printed-Photo, Printed-Photo, Text Photo, Photo, Map, Pale-Color. Settings: Auto or 9 step manual                                                                                                                                                                                                                                                                                                                                                     |          |
| Halftone                      | 256 gradations/2 levels (monochrome)                                                                                                                                                                                                                                                                                                                                                                                                                                    |          |
| Copy Features                 | Electronic sort, Auto Paper Selection (APS), Auto Magnification Selection (AMS), image preview/edit, auto tray, paper type selection switching, rotate copy, reserve copy, tandem copy, book copy, margin shift, edge/center erase, book divide, dual page, cover/insert page, OHP insert, job build, card shot, blank page skip, mirror/B/W reverse, proof, pamphlet, watermark, custom image, job programs.                                                           |          |
| Account Control               | Up to 1,000 users. Supports user-number authentication (on device), login name/password or login name/password (via LDAP server) for Copy, Print, Scan, Fax and document management.                                                                                                                                                                                                                                                                                    |          |
| Output Tray Capacity          | Main output tray (top) 250 sheets (face down)                                                                                                                                                                                                                                                                                                                                                                                                                           |          |
| Firmware                      | Flash ROM with local (USB), network update capability and firmware update 1 to N with SRDM (Sharp Remote Device Management)                                                                                                                                                                                                                                                                                                                                             |          |
| Configuration                 | Web-based management with user/administrator level login, cloning (1 to N) with SRDM and remote front panel access                                                                                                                                                                                                                                                                                                                                                      |          |
| Service/Functions             | Remote front panel, remote access to service logs and click counts                                                                                                                                                                                                                                                                                                                                                                                                      |          |
| Accessibility                 | Tilt Front Panel, Adjustment of Key Touch, Document Feeder Free Stop, Job Programs, Remote Front Panel, Universal Grip for Paper Trays, and Disable Screen Timeout                                                                                                                                                                                                                                                                                                      |          |
| Features                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |          |
| Environmental Standards       | International ENERGY STAR Program Ver. 2.0, Law on Promoting Green Purchasing, European RoHS (Restriction of Hazardous Substances)                                                                                                                                                                                                                                                                                                                                      |          |
| Power Source                  | AC 208-240 VAC, 60 HZ, 15 Amps                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |
| Power Consumption             | Maximum: 3.5 kW or less                                                                                                                                                                                                                                                                                                                                                                                                                                                 |          |
| Weight                        | Approx. 661 lbs.                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |
| Dimensions                    | Approx. 45" (w) x 30½" (d) x 60¼" (h)                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |

## Network Printing System (Standard)

|                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PDL                | PCL6 compatible, True Adobe, PostScript 3, optional XPS                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Resolution         | 1200 x 1200 dpi                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Print Speed        | 105/120 pages per minute (8½" x 11")                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Print Drivers      | Windows® Server® 2008-2012, Windows Server 2008-2012 x64, Windows 7, Windows 7 x64, Windows 8, Windows 8 x64, Windows 8.1, Windows 8.1 x64, Windows 10, Windows 10 x64, MAC OSX (including 10.4-10.11)                                                                                                                                                                                                                                                                                                                              |
| Features           | Auto configuration, continuous printing, electronic sorting, N-up printing, duplex printing, transparency inserts, margin shift, image rotation, different cover page, poster print, job bypass print, job retention, confidential print, proof print, user authentication, image stamp and watermarks. Additional features: Multiple pamphlet print, network tandem print, carbon copy print mode, different cover page/last page/other page, form overlay, tab paper settings, tab printing, chapter inserts and page Interleave¹ |
| Direct Printing    | File Types: TIFF, JPEG, PCL, PRN, TXT, PDF, Encrypted PDF, Compressed PDF/A1, PostScript and Windows XPS¹. Methods: FTP, Web page, Email, Network Folder and USB                                                                                                                                                                                                                                                                                                                                                                    |
| Resident Fonts     | 80 outline fonts (PCL), 139 fonts (PS)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Interface          | RJ-45 Ethernet 10/100/1,000 Base-T, USB 2.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Operating Systems  | Windows Server 2008-2012, Windows 7, Windows 8/8.1, Windows 10, MAC OS X (10.4-10.11), Unix®, Linux®, and Citrix® XenApp                                                                                                                                                                                                                                                                                                                                                                                                            |
| Network Protocols  | TCP/IP (IPv4, IPv6, IPSEC) SSL (HTTP, IPP, FTP), SNMPv3, SMTP, POP3, LDAP, 802.1x for Windows and Unix, LPD and LPR for Unix. IPX/SPX® for Novell environments and EtherTalk®, AppleTalk® for Macintosh® environments.¹                                                                                                                                                                                                                                                                                                             |
| Printing Protocols | LPR, IPP, IPPS, PAP, Raw TCP (port 9100), FTP and Novell Pserver/Rprinter                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Network Security   | IP/MAC address filtering, protocol filtering, port management, user authentication and document administration.¹                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Security Standards | IEEE-2600TM-2008, DoD (NSTISSP) #11, DoD Directive 8500.2, DoD (DISA)                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

## Network Scanning System (Standard)

|                    |                                                                                                                                                                                |
|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Scan Modes         | Standard: Color, monochrome, grayscale                                                                                                                                         |
| Max. Original Size | 11" x 17"                                                                                                                                                                      |
| Optical Resolution | 600 dpi                                                                                                                                                                        |
| Output Modes       | 600 dpi, 400 dpi, 300 dpi, 200 dpi, 150 dpi, 100 dpi                                                                                                                           |
| Image Formats      | Monochrome: TIFF, PDF, Encrypted PDF, XPS, PDF/A Color/Grayscale: Color TIFF, JPEG, PDF, Encrypted PDF¹, PDF/A¹, Compressed PDF¹, XPS¹, Internet Fax: TIFF-FX, TIFF-F, TIFF-S¹ |
| Image Compression  | Monochrome Scanning: Uncompressed, G3 (MH), G4 (MR/MMR) Color/Grayscale: JPEG (high, middle, low) Internet Fax mode: MH/MMR (option)                                           |
| Scan Destinations  | Email, Desktop, FTP, Folder, (SMB), USB, Internet fax (option);                                                                                                                |
| One-touch Dest.    | Super G3 fax (option). Up to 2,000 (combined scan destinations)                                                                                                                |
| Group              | Up to 500                                                                                                                                                                      |
| Destinations       |                                                                                                                                                                                |
| Programs           | 48 (combined)                                                                                                                                                                  |
| Max. Jobs          | Up to 100                                                                                                                                                                      |
| Network Protocols  | TCP/IP and TLS (includes HTTP, SMTP, LDAP, FTP, POP3), SMB, ESMTP and 802.1x.                                                                                                  |
| Network Security   | Email server user authentication for LDAP and Active Directory                                                                                                                 |
| Sharp OSA Platform | Application Communication Module (MX-AMX2) and External Accounting Module (MX-AMX3) standard                                                                                   |

## MX-PE11 Fiery Server

|                  |                                       |
|------------------|---------------------------------------|
| Server           | Type External Server                  |
| System Software  | Fiery FS200 Pro                       |
| CPU Type         | Intel® Pentium® Processor G1820       |
| CPU Speed        | 2.7 GHz                               |
| Memory           | 4 GB RAM                              |
| Hard Disk Drive  | 500 GB                                |
| Operating System | Windows® Embedded 8.1 Pro             |
| Network Conn.    | RJ45 10/100/1000 Base-T               |
| Power Source     | 100-240 VAC, 50/60 Hz, 3A             |
| Power            | Typical: 75w/Maximum: 180w            |
| Consumption      |                                       |
| Dimensions       | Approx. 5½" (w) x 15½" (d) x 12½" (h) |
| Weight           | Approx. 15 lbs.                       |

## 4K 100-Sheet Stapler/Finisher (MX-FN21: option)

|                    |                                                                                                                                                                                    |
|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Type               | 4,000-sheet console stapler finisher (100-sheet stapling)                                                                                                                          |
| Output Trays       | Upper tray: Moving offset tray (up to 1,500 letter size sheets) Middle tray: 250 sheets (letter size, non-stapled) Lower tray: Moving offset tray (up to 2,500 letter size sheets) |
| Stapling Capacity  | Up to 100 sheets (letter/statement)                                                                                                                                                |
| Stapling Media     | Plain paper, letter/legal/ledger size or mixed                                                                                                                                     |
| Stapling Positions | 1 front, 1 rear, or 2 point stitching                                                                                                                                              |
| Hole Punching      | Optional three-hole punch unit MX-PN13B                                                                                                                                            |
| Power Source       | 120 VAC, 60 HZ, 15 Amps                                                                                                                                                            |
| Power Consumption  | 200w/350w with MX-FD10                                                                                                                                                             |
| Weight             | Approx.: 134.5 lbs.                                                                                                                                                                |
| Dimensions         | Approx.: 35¼" (w) x 30" (d) x 41" (h) (with tray extended)                                                                                                                         |

## 4K 100-Sheet Stapler/Saddle Stitch Finisher (MX-FN22: option)

|                         |                                                                                                                                                                                    |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Type                    | 4,000-sheet console stapler finisher (100-sheet stapling)                                                                                                                          |
| Output Trays            | Upper tray: Moving offset tray (up to 1,500 letter size sheets) Middle tray: 250 sheets (letter size, non-stapled) Lower tray: Moving offset tray (up to 2,500 letter size sheets) |
| Stapling Capacity       | Up to 100 sheets (letter/statement)                                                                                                                                                |
| Stapling Media          | Plain paper, letter/legal/ledger size or mixed                                                                                                                                     |
| Stapling Positions      | 1 front, 1 rear, or 2 point stitching                                                                                                                                              |
| Saddle Stitch           | Center stitch/center fold (2 staples) letter/legal/ledger paper sizes                                                                                                              |
| Saddle Stitch Max. Sets | Up to 5 sets (16-20 sheets)/10 sets (11-15 sheets per set)/15 sets (6-10 sheets per set)/25 sets (1-5 sheets per set)                                                              |
| Hole Punching           | Optional three-hole punch unit MX-PN13B                                                                                                                                            |
| Power Source            | 120 VAC, 60 HZ, 15 Amps                                                                                                                                                            |
| Power Consumption       | 200w/350w with MX-FD10                                                                                                                                                             |
| Weight                  | Approx. 134.5 lbs.                                                                                                                                                                 |
| Dimensions              | Approx. 35¼" (w) x 30" (d) x 41"; (h) (with tray extended)                                                                                                                         |

## Optional Equipment

|          |                                                                |
|----------|----------------------------------------------------------------|
| MX-CF11  | Insertor                                                       |
| MX-FD10  | Multi-Folding Unit                                             |
| MX-LC12  | 3,500-sheet Large Capacity Cassette (letter)¹                  |
| MX-LC13N | 5,000-sheet Large Capacity 2-Drawer Air Feed Tray (ledger)¹    |
| MX-MFX1  | 100-sheet Multi-bypass Tray (for machine)                      |
| MX-MF11  | 500-sheet Multi-bypass Tray (for MX-LC13)                      |
| MX-FN21  | 4K Stacking 100-Sheet Staple Finisher¹                         |
| MX-FN22  | 4K Stacking 100-Sheet Staple/Saddle Stitch Finisher¹           |
| MX-ST10  | 5,000-Sheet Stacker (includes one paper cart)                  |
| MX-CA10  | Paper Cart (additional)                                        |
| MX-CF11  | 2-Tray Insertor Unit¹                                          |
| MX-FD10  | Multi-folding Unit¹                                            |
| MX-RB16  | Large capacity Tray mounting kit                               |
| MX-RB17  | Large Capacity Tray tandem connecting kit                      |
| MX-RB18  | Curl Correction Unit¹                                          |
| MX-RB13  | Relay Unit                                                     |
| MX-TM10  | Trimmer Unit¹                                                  |
| MX-PN13B | 3-Hole Punch Unit (for MX-FN21/FN22)                           |
| MX-SCX1  | Staple Cartridge (for MX-FN22)                                 |
| MX-SCX2  | Staple Cartridge (for MX-FN21/FN22)                            |
| MX-SL10N | Status Indicator                                               |
| AR-SU1   | Stamp Unit (requires AR-SV1 Stamp Cartridge)                   |
| AR-SV1   | Stamp Cartridge (required for AR-SU1)                          |
| MX-PF10  | Bar Code Font Kit                                              |
| MX-PUX1  | XPS Expansion Kit                                              |
| MX-PE11  | Fiery Print Server                                             |
| MX-PX11  | Fiery Interface Kit                                            |
| MX-EB11  | Enhanced Compression Kit                                       |
| MX-EB15  | HDD Mirroring Expansion Kit                                    |
| MX-FR53U | Commercial Data Security Kit (not available at time of launch) |

|                 |                    |
|-----------------|--------------------|
| <b>Supplies</b> |                    |
| MX-900NT        | Toner Cartridge    |
| MX-900NV        | Developer          |
| MX-850NR        | Drum               |
| MX-850HB        | Waste Toner Bottle |

¹ Some features require optional equipment. See your local dealer.

² Specification may vary depending on product configuration, machine settings and operating conditions.



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