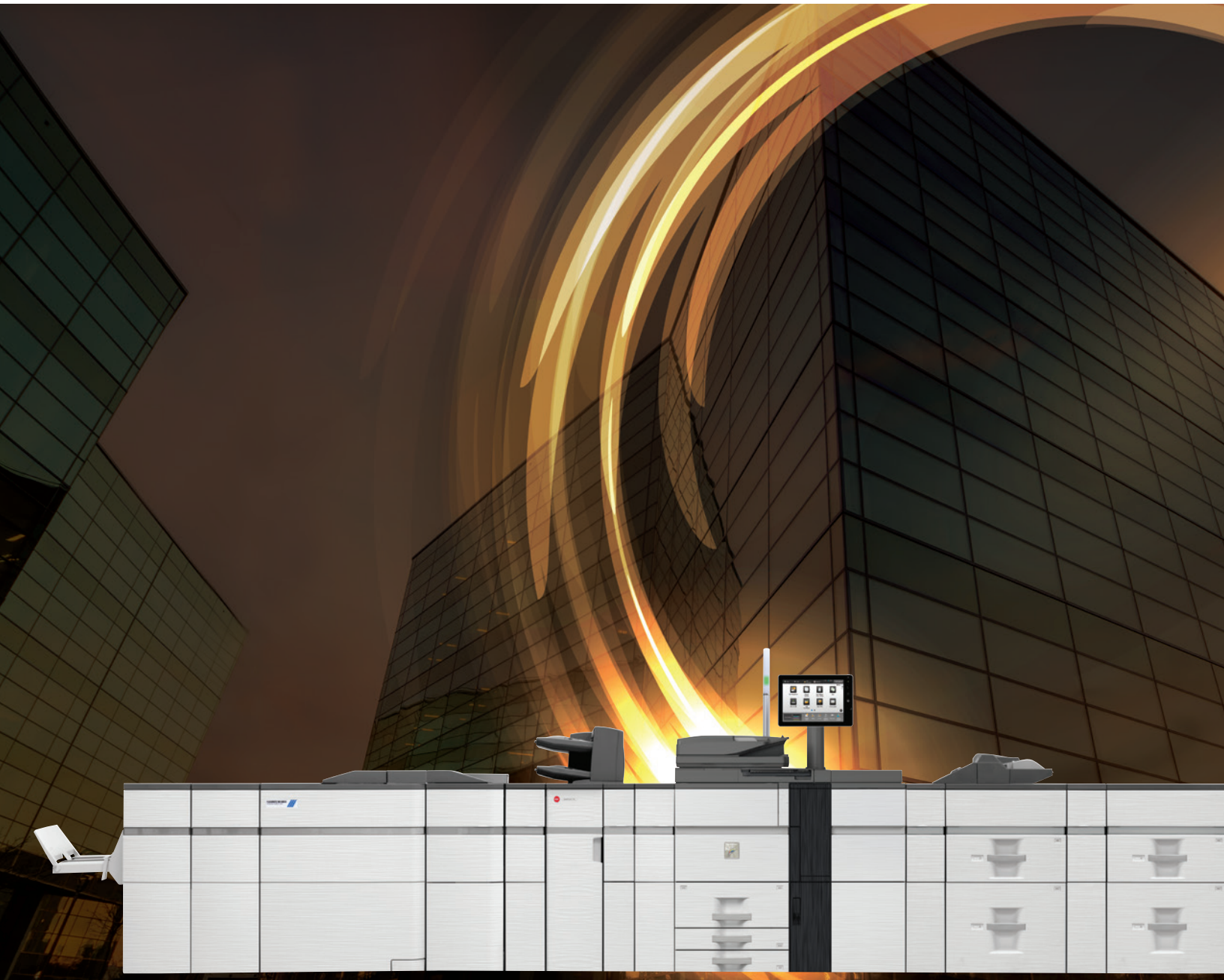
SHARP®



MX-7090N MX-8090N

2019 BLI BUYERS LAB LINE OF THE YEAR

"2019 Copier MFP Line of the Year"

Results-driven, the versatile new Sharp Pro Series color document systems deliver ground-breaking performance.

versatile

The new Pro Series MX-7090N and MX-8090N light production color document systems offer proven technology, award-winning features and exceptional image quality at speeds up to 80 ppm. Built with the customer in mind, producing professional-looking documents has never been easier. Organizations, large and small, will benefit from the versatility of the available input and output options. Options ranging from the air-feed paper handling option, to the production booklet finisher that prints up to 120 page full-bleed booklets, the Pro Series can help your organization produce more jobs in-house, saving time and money.

These new models simplify workflow like never before with the large 15.4" (diagonally measured) touchscreen display utilizing the latest controller architecture and intuitive user interface Sharp has to offer. These models also offer a choice of three powerful print controllers, including the standard Sharp print controller and two optional Fiery® Print Servers operating on the latest FS300 Pro and FS300 platforms enabling customers freedom to choose the right fit for their workflow requirements.

Key Features

- **Ease of Use** – Next generation intuitive user interface with large touchscreen display, simplified Easy Modes and full integration with Fiery Command WorkStation®.

- **Flexible Options** – Choice of three powerful print controllers, including the standard Sharp print controller and two optional Fiery Print Servers operating on the latest FS300 Pro and FS300 platforms for maximum versatility and productivity.

- **Reliability** – Sharp's new fuser technology ensures consistent edge-to-edge printing while the exclusive triple air-feed paper handling option maximizes uptime and employs precise media handling for a wide range of specialty stocks with reliability you can count on.

The MX-7090N and MX-8090N also support Sharp OSA® technology, which makes integration with network applications and cloud services simple and easy. And with Sharp's multi-layered Security Suite, these new models can help protect your data and personal information from the first day of operation to the time of trade-in.

BLI BUYERS LAB 2019 PICK

"Outstanding Professional High Volume 70 ppm Color Copier MFP" Awarded to MX-7090N

BLI BUYERS LAB 2019 PICK

"Outstanding Professional High Volume 80 ppm Color Copier MFP" Awarded to MX-7090N

Flexible modular design provides **a wide variety of configurations** from basic high-speed copying and printing to professional folding and **booklet making**.

150-sheet **Duplex Single Pass Feeder** (DSPF) scans documents at up to 200 images per minute.

Up to **13,500-sheet paper capacity** supports media **up to 110 lb. cover stock** (300 gsm) and up to 13" x 19" output.

Print Engine Paper Catalog stores up to 1,000 media profiles to help maintain optimum print quality.

Sharp's **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.

Standard high-performance print controller with **PCL® 6** and **Adobe® PostScript® 3™** included.

Next generation **intuitive user interface** with large **15.4"** (diagonally measured) multi-position touch-screen display with swing-out keyboard.

MX-8090N shown with Fiery Command WorkStation fully integrated at the Sharp control panel.

"PaceSetter Award in Ease of Use 2018–2019"

Easily **access popular cloud applications**, including Microsoft® OneDrive® for Business, SharePoint® Online and Google Drive™ with Sharp's Cloud Connect features.

True **1200 x 1200 dpi** printing provides beautiful images and enhanced clarity for fine details such as small text and graphics.

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.

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.

Sharp's **new fuser technology** ensures consistent edge-to-edge printing with **a uniform finish** across the page for professional-looking full image documents.

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.

PANTONE Digital Color

PANTONE Licensing offers unprecedented levels of color fidelity to the **PANTONE MATCHING SYSTEM®**

Produce high quality full-bleed color booklets up to 120 pages with available options.

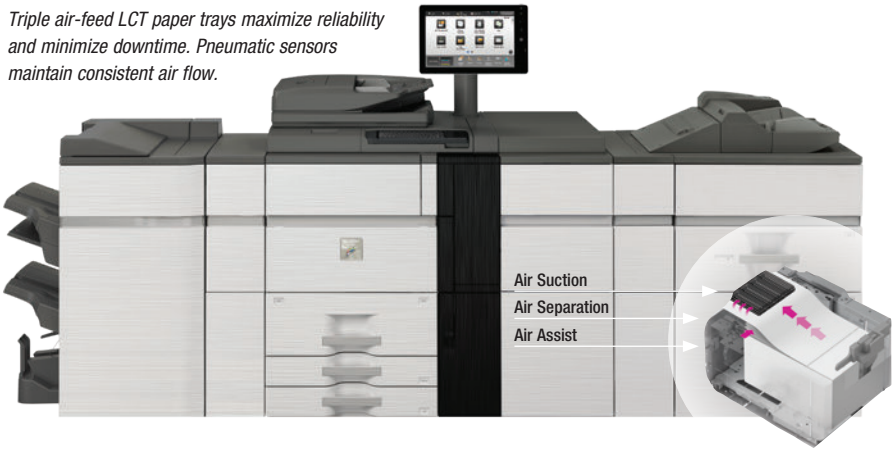
Print 80-page booklets with the space-saving MX-FN22 Saddle Finisher.

The MX-7090N/8090N features the new **state-of-the-art fuser** that helps print full-bleed booklets with ease and delivers the high quality you expect. The new fuser employs an advanced design with a **high-density pressure roller** that ensures evenness and uniformity throughout print and copy runs, which is critical for producing high value documents, full-bleed booklets, brochures and more.

With Sharp's award-winning innovative **edge-to-edge printing** capability, the design possibilities are virtually unlimited. This versatile **borderless technology** is a **Sharp exclusive** that can give your team the creative edge! The available MX-FN22 Saddle Stitch Finisher and MX-TM10 Trimmer Unit allows operators to produce compelling **full-bleed color booklets** with up to 80 pages. Add the Plockmatic Production Booklet Maker and produce up to 120-page saddle-stitch or square fold spine booklets. These models are engineered to help reduce outsourcing costs as well as production time for in-house professional results.

Sharp understands the importance of productivity, which is why the new MX-7090N and MX-8090N models offer up to 13,500-sheet paper capacity and support media types up to 110 lb. cover (300 gsm), even when duplexing! Sharp's advanced **large capacity paper tray option uses air-feed technology**, which minimizes downtime. A feature typically found on printing presses, the triple air-feed system directs air flow with precision accuracy to ensure proper paper handling. The standard dual head document feeder can scan up to 200 images per minute.

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



Boost production with the power of the new, advanced Fiery FS300 Pro and FS300 platforms. The MX-PE13 and MX-PE14 Fiery Print Servers are **designed to handle heavy workloads** and provide **faster turnaround times**. They improve throughput and productivity by printing one page while processing subsequent pages, and by storing processed pages in memory before printing.

Produce precise, consistent color from all applications, platforms and formats with **Fiery color management technology**. Accurately match and manage corporate, PANTONE®, and custom spot colors with **Fiery Spot-On™** to ensure consistent reproduction of your brand identity. Produce repeatable color every time with professional-level color management tools.

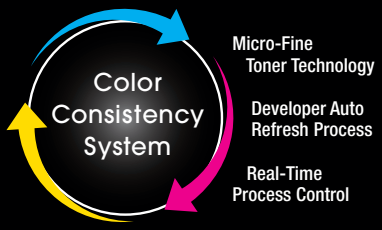
The **MX-PE13 External Fiery Print Server** is built with the latest Fiery technology to **maximize color, performance, usability and integration**. The MX-PE13 **packs the horsepower** and standard features required for advanced print workflow and demanding print operations. The intuitive Fiery Command WorkStation® job management software makes complex jobs simple to setup and print, and is available right from the touchscreen display of the Pro Series.

The **MX-PE14 Embedded Fiery Print Server** delivers high-quality, consistent output with the signature time-saving Fiery file-processing and job management tools at an entry level price. Adding the optional Productivity Package automates job submission, makes last minute image corrections, and uses advanced queue management to assign print priorities for professional results.

MX-8090N shown with Fiery Command WorkStation fully integrated at the Sharp control panel, included with the MX-PE13 Fiery Print Server.

MX-PE13 integrated server screen provides ability to see printed jobs, jobs waiting to print/process, and backup schedules from Fiery QuickTouch™ software interface.

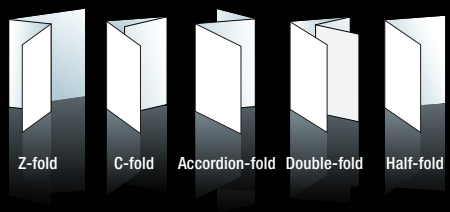
modular



Color Consistency System
Sharp's Color Consistency System combines Micro-fine Toner Technology with advanced Developer Refresh Technology and next generation Image Process Control. This synergy of processes helps ensure color output is at peak performance page-after-page and job-after-job.

Convenient Job Management
1TB hard disk drive provides ample on-board document storage. An intuitive thumbnail view makes it easy to select, edit, reprint, repaginate and more with the standard print controller.

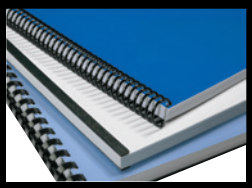
Multi-Folding Unit
Provides a variety of folds, including Z-fold, C-fold, Accordion fold, Double fold and Half fold.



Plockmatic Production Booklet Maker System
Produces 120-page full-bleed, square-fold spine booklets in-line at engine speed.

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 full-bleed booklets with the available face trimmer unit.

GBC® SmartPunch Pro™
Professional punching system produces up to seven commonly used punch styles for creating professional bound booklets.



The MX-7090N and MX-8090N Pro Series Color Document Systems offer a choice of three powerful print controllers, including two optional Fiery® Print Servers that feature the latest FS300 Pro and FS300 platforms, enabling customers with the freedom to choose the right fit, custom tailored to their workflow requirements.

Post Sheet Inserter
Produce professional looking documents with pre-printed covers and chapter inserts.

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

Duplexing Single Pass Feeder (DSPF)
Standard 150-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.

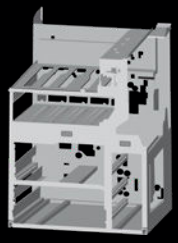
15.4" (diagonally measured) Touch-screen
A large, high resolution customizable touch screen display provides users with a friendly graphical interface that offer a clean design, simplified Easy Modes and integrated operation guides.

500-Sheet Multi-Bypass
Feeds paper sizes from 5-1/2" x 8-1/2" to 13" x 19" Also feeds banner paper up to 12" x 51.1" with the available Long Paper Feeding Tray.

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.

Rigid Frame Construction
Offers increased durability and reliability to withstand heavy use.



Superior Media 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).

customize

Versatile and Customizable to Fit Your Needs

The MX-7090N/8090N Pro Series Color Document Systems offer flexible paper handling and finishing options to accommodate any size in-plant or on-demand workflow environment.*

MX-8090N shown with 3,000-sheet large capacity cassette, 100-sheet Finisher and 100-sheet bypass tray.

MX-8090N shown with Curl Correction Unit, Inserter, GBC SmartPunch Pro, 100-sheet Finisher, 5,000-sheet air-feed large capacity tray, 500-sheet multi-bypass tray and status indicator.

Modular Options Make it Easy to Build the System of Your Choice

Options for the MX-7090N/8090N 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, a two-tray inserter, a multi-folding unit and a trimmer unit.

Multi-Folding Unit

Two-Tray Inserter

MX-7090N/8090N Base Machine

100-Sheet Multi-Bypass

Long Paper Feed Tray

3,500-Sheet Letter LCC

3,000-Sheet Ledger LCC

Plockmatic 120-page Production Booklet Maker System

100-Sheet Staple Saddle Finisher

100-Sheet Staple Stacking Finisher

GBC SmartPunch Pro™

5,000-Sheet LCT Air-Feed

500-Sheet Multi-Bypass

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

Scan and convert documents to popular file formats seamlessly with Sharp's built-in OCR function.

Easily and quickly scan and **convert documents** to popular file formats including **Microsoft Word, PowerPoint®** and **Excel®**, as well as a variety of **PDF formats** such as Searchable PDF, Encrypted PDF, Compact PDF and others. You can also direct print these same file types from thumb drives, cloud applications and mobile devices. This function is enabled via **DirectOffice™** technology. With this much flexibility, you can speed through your workflow tasks faster than ever!

Sharp makes it easy to send documents to the destinations you need, and goes beyond traditional network scanning with standard **Email Connect** and **Cloud Connect** features. With Email Connect, scan-to-email is seamlessly integrated with Microsoft Exchange and Gmail™. With Cloud Connect, you can easily scan to and print from **Microsoft OneDrive for Business, SharePoint Online** and **Google Drive** without additional middleware.

With Serverless Print Release technology you can securely print a job and release it from any six supported models.[1]

The MX-7080N/8090N come standard with **PCL® 6** and **Adobe® PostScript® 3™** printing systems to help you speed through all of your output needs with accuracy. To help streamline your jobs, these powerful performers include **Serverless Print Release technology**, enabling you to securely print a job and release it from up to six compatible models on your network including the machine acting as the host.

Sharp OSA technology can help your business leverage the power of your network applications, back-end systems and cloud services.[2] Easily automate complex processes and help eliminate redundant tasks. Create your own custom integrations or take advantage of the growing portfolio of Sharp OSA applications available from Sharp Partner Program members.

OSA®
Sharp Open Systems Architecture

[1] *Go to www.sharpusa.com for a list of supported devices and operating systems.*
[2] *Some features require optional equipment and/or software/services.*

Businesses require that the devices on their networks are properly managed and closely monitored to ensure their data remains uncompromised. To help achieve this, the MX-7090N/8090N models offer powerful device management utilities, web-based customer training and advanced, **multi-layered security features**.

With the **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. Its event-driven service alerts help you monitor the device and maximize uptime. The **Remote Front Panel** feature allows administrators to view and control the machine's LCD panel from a PC to troubleshoot issues and train operators remotely. 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 your model and configuration to help you understand and utilize all of the advanced features of your Sharp product, including those for security.

To help protect employees' privacy and intellectual property, the MX-7090N/8090N color document systems are armed with a variety of security measures, including features such as **data encryption, data overwrite protection** and **data erase**. Multiple **security protocols** help restrict access to the device while in operation, and a convenient **End-of-Lease** feature overwrites all data at time of trade-in. **Authority Groups** help manage and restrict specific copying, printing and scanning features to safeguard data and control costs. The **Admin Audit Log** feature allows IT administrators to track activity on the device. **Confidential Printing** helps ensure that sensitive documents are kept safe by requiring users to enter a PIN code in order to print them. For advanced security, these models support Active Directory user authentication and secure single sign-on to network folders and emails. For an optimized workflow experience, ID card authentication is also available.

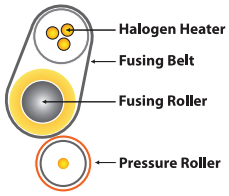
These scalable security offerings aim to **protect your intellectual property**, preserve confidential information and help your business meet regulatory requirements including the Health Insurance Portability and Accountability Act (HIPAA) and the Family Educational Rights and Privacy Act (FERPA). For additional information visit: ***www.sharpusa.com/security***.

SmartWay® Transport Partner
Getting There With Cleaner Air

The MX-7090N/8090N models utilize 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 and other operations.*

State-of-the-art belt fusing system consumes less power and shortens warm up time.



Sharp is committed to **environmental sustainability and corporate responsibility** including planning, design, manufacturing, distribution and product end-of-life management. The MX-7090N and MX-8090N adhere to Sharp's 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-7090N/8090N 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.

As part of our commitment to helping preserve the environment, Sharp offers our customers **zero-waste-to-landfill recycling** for 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.

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.sharpusa.com/environment.*

Main Specifications

MX-7090N/8090N	Base models include LCD, 150-sheet DSPF, 3,000-sheet paper capacity (2,000-sheet tandem tray and two 500-sheet trays). 1-TB hard disk drive, PCL® 6 and Adobe® PostScript® 3™ network printing, color network scanning, swing-out keyboard, MX-AMX2 application communication module and MX-AMX3 external communication module. Black and color developer are included.
Type	Console, color multi-function digital document system
Display	15.4" (diagonally measured) color dot matrix high-resolution touch panel tilting display. 1280 x 800 (WXGA)
Functions	Copy, print, network print, network scan and document filing
Output System	Dry electrostatic transfer/Dual component developer/Magnetic brush development/OPC drums/Belt type fusing/white LED exposure
Originals	Sheets and bound documents
Max. Original Size	11" x 17"
Output Size	Min. 5½" x 8½", Max. 13" x 19"
Copy Speed	70/80 ppm B&W/Color (8½" x 11")
Multiple Copy	Max. 9,999 copies

First Copy Time (in seconds)[2]

	MX-7090N		MX-8090N	
	B&W	Color	B&W	Color
Platen Glass	4.0	5.6	3.7	5.1
DSPF	6.5	9.2	6.3	8.8

Warm Up Time	90 seconds or less[2]
Magnification	25% to 400% in 1% increments (with document feeder 25%-200%)
Original Feed	150-sheet DSPF
Scan Speed	Up to 200 ipm[2] (Monochrome or Color)
Original Sizes	5½ x 8½", 8½" x 11", 8½" x 11" R, 8½" x 14", 11" x 17"
Paper Capacity	Standard: 3,000 Sheets/Maximum: 13,500 Sheets
Paper Feed System	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"). Optional 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).
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/ Ledger LCC - 16 lb. bond to 100 lb. bristol. 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	Multi-Processor Controller at 1.9 GHz, 600 MHz and 400 MHz
Interface	RJ-45 Ethernet (10/100/1000 Base-T), USB 2.0 (2 host ports, front and rear), USB 2.0 (1 device port)
Memory	Standard 6 GB
Hard Disk Drive	1 TB
Copy Resolution	Scan: B&W/color: 600 x 600 dpi; Copy: B&W/color: 600 x 600 dpi
Color Modes	Photo, Full Color Mode, Monochrome (B/W)
Exposure Control	Modes: Text, Text/Photo, Text/Printed-Photo, Printed-Photo, Photo, Map, Pale-Color. Settings: Auto or 9 step manual
Halftone	256 gradations/2 levels (monochrome)
Copy Features	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 and watermark, 2-in-1/4-in-1/8-in-1 multi shot.
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 and document management.
Cloud Supported Services	Google Drive, OneDrive for Business and SharePoint Online
Network Protocols	TCP/IP (IPv4, IPv6, IPsec), HTTP/HTTPS, IPP/IPP-SSL, FTP/TFPS, SNMPv3, SMTP/SMTP-SSL, POP3/POP3-SSL, LDAP/LDAP-SSL, 802.1x for Windows and Unix.
Network and Data Security	Includes IP/MAC address filtering, protocol filtering, port control, TLS Encryption, Kerberos, Active Directory integration, data encryption, End-of-Lease, data overwrite (up to 10x) and DoD 5220.22-M

Main Specifications *(continued)*

Firmware Management	Flash ROM with local (USB), network update capability and firmware update 1 to N with SRDM (Sharp Remote Device Management)
Device Setup	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 Features	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.
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, 20 A Receptacle
Power Consumption	Maximum: 2,880W or less
Weight	Approx. 493.4 lbs.
Dimensions	Approx. 38⅜" (w) x 30¼" (d) x 60¼" (h)

Network Printing System

PDL	PCL 6 compatible, True Adobe PostScript 3
Resolution	1200 x 1200 dpi
Print Speed	70/80 pages per minute (8½" x 11")
Print Drivers	Windows 7, Windows 8.1, Windows 10, Windows Server® 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, Windows Server 2016, Windows PPD, macOS X® (including 10.6 to 10.12), all MAC PPD, Linux® PPD, Universal Print (requires Microsoft connector)
Print Features	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 and watermarks
Direct Printing	File Types: TIFF, JPEG, PCL, PRN, TXT, PDF, Encrypted PDF, Compressed PDF/A1, PostScript, DOCX, XLSX, PPTX, and PNG. Methods: FTP, Web page, Email, Network Folder and USB
Resident Fonts	80 outline fonts (PCL), 139 fonts (PS)
Interface	RJ-45 Ethernet 10/100/1000 Base-T, USB 2.0
Operating Systems and Environments	Windows 7, Windows 8.1, Windows 10, Windows Server® 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, macOS X 10.6-10.12, UNIX®, Linux, Citrix® (XenApp 5.0-7.6), Windows Remote Desktop Services and SAP device types[1]
Printing Protocols	LPR, IPP, IPPS, PAP, Raw TCP (port 9100), FTP, POP3, HTTP, LPD and LPR for Unix

Network Scanning System

Scan Modes	Standard: Color, monochrome, grayscale
Maximum Original Size	11" x 17"
Optical Resolution	600 dpi
Output Modes	600 dpi, 400 dpi, 300 dpi, 200 dpi, 100 dpi
Image Formats	Monochrome: TIFF, PDF, Encrypted PDF, Searchable PDF, DOCX, XLSX, PPTX, TXT and RTF. Color/Grayscale: Color TIFF, JPEG, PDF, Encrypted PDF[1], PDF/A[1], Compressed PDF[1], Searchable PDF, DOCX, XLSX, PPTX, TXT and RTF.
Image Compression	Monochrome Scanning: Uncompressed, G3 (MH), G4 (MR/MMR) Color/Grayscale: JPEG (high, middle, low)
Scan Destinations	Email, Desktop, FTP, Folder (SMB), USB
One-touch Destinations	Up to 2,000 (combined scan destinations)
Group Destinations	Up to 500
Programs	48 (combined)
Max. Jobs	Up to 100
Enhanced Email Integration	Standard Gmail connector, standard Exchange connector (on-premise and online)
Sharp OSA Platform	Application Communication Module (MX-AMX2) and External Accounting Module (MX-AMX3) standard

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 2,450 letter size sheets)
Stapling Capacity	Up to 100 sheets (letter/statement)
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 A Receptacle
Power Consumption	220W/350W with MX-MF10
Weight	Approx.: 134.5 lbs.
Dimensions	Approx.: 30 ¾" (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 2,450 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 A Receptacle
Power Consumption	220w/350w with MX-MF10
Weight	Approx.: 238.1 lbs.
Dimensions	Approx.: 35¼" (w) x 30⅛" (d) x 41" (h) (with tray extended)

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)
MX-MF10	100-sheet Multi-bypass Tray (for machine)
MX-MF11	500-sheet Multi-bypass Tray (for MX-LC13N)
MX-LT10	Long Paper Feeding Tray (requires MX-MF10)
MX-FN21	4K Stacking 100-sheet Staple Finisher
MX-FN22	4K Stacking 100-sheet Staple/Saddle Stitch Finisher
MX-CF11	2-Tray Inserter Unit
MX-FD10	Multi-folding Unit[1]
MX-CA10	Paper Cart (additional)
MX-RB12N	Paper Pass Unit (for machine)
MX-RB13	Relay Unit
MX-RB14	Paper Pass Unit (for MX-LC13)
MX-RB15	Curl Correction Unit[1]
MX-RB17	Large Capacity Tray Tandem Connecting Kit
MX-TM10	Trimmer Unit
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-TR14	Right Side Exit Tray
MX-TU14	Center Exit Tray
MX-PF10	Bar Code Font Kit
MX-PE13	External Fiery Print Server
MX-PX13	Fiery Interface Kit (for MX-PE13)
MX-PE14	Embedded Fiery Print Server
MX-PX12	Fiery Interface Kit (for MX-PE14)
MX-BM50	Plockmatic Production Booklet Maker
MX-GBCX2	GBC SmartPunch Pro
MX-FR58U	Commercial Data Security Kit (not available at time of launch)
MX-SL10N	Status Indicator
DVENDPS	Generic Vend Interface Kit

Supplies

MX-62NTBA	Black Toner Cartridge
MX-75NTCA	Cyan Toner Cartridge
MX-75NTMA	Magenta Toner Cartridge
MX-75NTYA	Yellow Toner Cartridge
MX-62NVBA	Black Developer
MX-62NVSA	Cyan/Magenta/Yellow Developer
MX-62NRSA	Drum
MX-700HB	Toner Collection Container

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

[2] May vary depending on product configuration, machine settings and operating and/or environmental conditions.

[3] Go to *www.sharpusa.com* for a list of supported devices and operating systems.

SHARP

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