SHARP®

MX-M904/M1054/M1204

High Performance with Unmatched Versatility.

From walk-up office environments and corporate data centers to high-volume CRD and copy rooms, Sharp's new top-of-the-line MX-M904, MX-M1054 and MX-M1204 High-Speed Light Production Monochrome Series provide advanced technology and features that will streamline your document workflow like never before. The MX-M904, MX-M1054 and MX-M1204 have been designed from the ground up to handle the rigorous demands of high-volume environments. With three engine speeds (90ppm, 105ppm and 120ppm), standard networking and flexible configurations, these high volume workhorses are a perfect fit where productivity and reliability are essential.

A large 10.1" (diagonally measured) high-resolution, touch-screen display offers real-time scan preview with intuitive flick-and-tap editing to help ensure your documents are produced accurately and without waste. With Sharp's micro-fine toner technology combined with 1200 x 1200 dpi print resolution and true Adobe® PostScript®, your business can produce professional-looking monochrome documents with razor-sharp image quality that is also economical. A new paper feed option utilizes air-feed technology, which offers higher reliability and enhanced media capabilities.

Sharp's New High-Speed and Light Production Monochrome Series Raise the Bar for High-Volume Copying and Printing.

- **Large 10.1"** (diagonally measured) high-resolution **color touch-screen display** with tilt viewing

- 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 finger-tip navigation

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

- Available **5,000-sheet paper stackers** with roll-out carts can be connected in tandem for unattended operation of up to **10,000 sheets.**

- New **triple air-feed** paper handling option offers **high reliability** and is virtually maintenance-free

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

- Standard PCL®6 and **true Adobe® PostScript®3™** with available Windows® XPS printing systems

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

- **Job Management** features make it easy to print on-demand with the ability to retain jobs, combine jobs, repaginate jobs, edit pages within jobs and more

- Integrated **web browser** provides easy access to web based resources for quick access to information and convenient printing

- Supports the latest **Sharp OSA® development platform**, enabling businesses to easily integrate with network applications and cloud services

- **Auto Power Management** function with **Intelligent Monitoring** can turn on and turn off the machine based on usage trends

- Supports Sharp's award-winning security platform with standard **256-bit data encryption** and up to 7 times **data overwrite protection**

- Standard **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

MX-M1204 shown in full configuration.

Main Specifications

MX-M904/ M1054/M1204	Base models include LCD, 250-sheet DSPF, 3,000-sheet paper capacity (one 2,000-sheet tandem tray/two 500-sheet trays), 1-TB hard disk drive, PCL6/Adobe® PostScript® 3™ network printing, color network scanning, web browser, retractable keyboard and MX-AMX2 application communication module
Type	Console, Monochrome multi-function digital document system
Display	10.1" (diagonally measured) color dot matrix high-resolution touch panel tilting display. 1024 x 600 dots (W-SVGA)
Functions	Copy, print, network print, network scan, document filing and fax[1]
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	90/105/120 ppm (8½" x 11")
Multiple Copy	Max. 9999 copies

First Copy Time (in Seconds)[2]	MX-M904	MX-M1054	MX-M1204
Platen Glass	4.0	3.2	3.2
DSPF	6.3	5.5	5.5

Warm Up Time	210 seconds[2]
Magnification	25% to 400% in 1% increments (with document feeder 25%-200%)
Original Feed	250-sheet DSPF
Scan Speed	DSPF Scan: 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	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), Ledger LCC (MX-M904 only): 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 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	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 Management	Flash ROM with local (USB), network update capability and firmware update 1 to N with SRDM (Sharp Remote Device Management)
Configuration Method	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	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
Environmental Standards	International Energy Star Program Ver. 1.2, 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. 650 lbs.
Approx. Dimensions	42¾" (w) x 31¼" (d) x 48¾" (h)

Network Printing System (Standard)

PDL	PCL® 6 compatible, True Adobe®, PostScript® 3™, optional XPS
Resolution	1200 x 1200 dpi
Print Speed	90/105/120 pages per minute (8½" x 11")
Print Drivers	Windows Server® 2003-2008, Windows XP, Windows XP x64, Windows Server 2003-2008 x64, Windows Vista®, Windows Vista® x64, Windows 7, Windows 7 x64, MAC OSX (including 10.4.11, 10.5-10.5.8, 10.6.5-10.6.8, 10.7-10.7.2), all MAC PPD.
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 Interleave[1]
Direct Printing	File Types: TIFF, JPEG, PCL, PRN, TXT, PDF, Encrypted PDF, Compressed PDF/A1, PostScript and Windows XPS[1]. Methods: FTP, Web page, E-mail, Network Folder and USB
Resident Fonts	80 outline fonts (PCL), 136 fonts (PS)
Interface	RJ-45 Ethernet 10/100/1,000 Base-T, USB 2.0
Operating Systems	Windows Server 2003-2008, Windows XP, Windows Vista, Windows 7, MAC OS 9-9.2.2, MAC OSX 10.2.8, 10.3.9, 10.4.11, 10.5-10.5.8, 10.6-10.6.5, Novell® Netware® 3x, 4x, 5x, Sun® OS 4.1x, Solaris® 2x, Unix®, Linux® and Citrix® (Metaframe, Presentation Server 4, 4.5) and Windows Terminal Services.[1]
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 PDF[1], PDF/A[1], Compressed PDF[1], XPS[1], Internet Fax: TIFF-FX, TIFF-F, TIFF-S[1]
Image Compression	Monochrome Scanning: Uncompressed, G3 (MH), G4 (MR/MMR) Color/Grayscale: JPEG (high, middle, low) Internet Fax mode: MH/MMR (option)
Scan Destinations One-touch Dest.	E-mail, Desktop, FTP, Folder, (SMB), USB, Internet fax (option); Super G3 fax (option). Up to 2,000 (combined scan destinations)
Group Destinations	Up to 500
Programs	48 (combined)
Max. Jobs	Up to 100
Network Protocols	TCP/IP and SSL (includes HTTP, SMTP, LDAP, FTP, POP3), SMB, ESMTP and 802.1x.
Network Security	E-mail server user authentication for LDAP and Active Directory
Software	Sharpdesk® desktop personal document management software (1 user license included)
Sharp OSA Platform	Application Communication Module (MX-AMX2) standard

Inserter (MX-CF11 Option)

Type	Standing, 2 Trays
Paper Capacity	Upper Tray: 200 Sheets; Lower Tray: 200 Sheets (20 lb. bond)
Paper Weight	16 lb. bond to 100 lb. Bristol (Paper feeding)
Paper Size	Up to 12" x 18"
Power Consumption	70 W or Less
Power Source	24 Volts (Supplied by Main Unit)
Dimensions	21½" (w) x 30" (d) x 50½" (h)
Weight Approx.	51 lbs.

Multi-Folding Unit (MX-FD10 Option)

Type	Floor Standing
Dimensions	13½" (w) x 30½" (d) x 41½" (h)
Weight	Approx. 146 lbs.
Power Source	Powered by MX-FN21/FN22 Finisher
Power Consumption	Maximum: Standby: 23 W or less; In Operation: 150 W or less
Folding Mode	Z-fold, C-fold, Accordion-fold, Double-fold and Half-fold

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-MF10
Weight	Approx.: 134.5 lbs.
Dimensions	Approx.: 30¾" (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-MF10
Weight	Approx.: 134.5 lbs.
Dimensions	Approx.: 30¾" (w) x 30" (d) x 41"; (h) (with tray extended)

Optional Equipment

MX-LC12	3,500-sheet Large Capacity Cassette (letter)[1]
MX-LCX3N	3,000-sheet Large Capacity Cassette (ledger)[1]
MX-LC13	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-FN24	3K Stacking 50-Sheet Staple Finisher[1]
MX-FN25	2K Stacking 50-Sheet Staple/Saddle Stitch Finisher[1]
MX-FN21	4K Stacking 100-Sheet Staple Finisher[1]
MX-FN22	4K Stacking 100-Sheet Staple/Saddle Stitch Finisher[1]
MX-ST10	5,000-Sheet Stacker (includes one paper cart)
MX-CA10	Paper Cart (additional)
MX-CF11	2-Tray Inserter Unit[1]
MX-FD10	Multi-folding Unit[1]
MX-RB16	Large Capacity Tray mounting kit
MX-RB17	Large Capacity Tray tandem connecting kit
MX-RB18	Curl Correction Unit[1]
MX-RB13	Relay Unit
MX-TM10	Trimmer Unit[1]
MX-PNX4B	3-Hole Punch Unit (for MX-FN24/FN25)
MX-PN13B	3-Hole Punch Unit (for MX-FN21/FN22)
AR-SC2	Staple Cartridge (for MX-FN24/FN25)
MX-SCX3	Staple Cartridge (for MX-FN25)
MX-SCX1	Staple Cartridge (for MX-FN22)
MX-SCX2	Staple Cartridge (for MX-FN21/FN22)
MX-SL10	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-EB11	Enhanced Compression Kit
MX-FX11	Fax Expansion Kit
MX-FWX1	Internet Fax Expansion Kit
MX-EB15	HDD Mirroring Expansion Kit
MX-EC50	CAC Reader (requires Data Security Kit)
MX-FR38U	Commercial Data Security Kit
MX-AMX1	Application Integration Module
MX-AMX3	External Accounting Module

Supplies

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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