SHARP₈



PRO SERIES COLOR DOCUMENT SYSTEMS

Gain Superior Output with Advanced Technologies

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.

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 Option 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.





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





Efficient design and increased multi-function features to maximize business productivity.

- 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.
- 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 touchscreen display with swing-out keyboard.

- 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.
- 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 Licensing offers unprecedented levels of color fidelity to the PANTONE MATCHING SYSTEM[®]

MX-7090N/8090N SPECIFICATIONS

Main Specification						
MX-7090N/8090N					PF, 3,000-sheet paper	
					vo 500-sheet trays). 1-TB Script [®] 3™ network	
	hard disk drive, PCL [®] 6 and Adobe [®] PostScript [®] 3 [™] network printing, color network scanning, swing-out keyboard, MX-AMX					
	application co	mmunic	ation modu	le and N	IX-AMX3 external	
	communication module. Black and color developer are included.					
Туре	Console, color					
Display	touch panel ti				atrix high-resolution WXGA)	
Functions					and document filing	
Output System	Dry electrosta	itic trans	sfer/Dual c	ompone	nt developer/Magnetic	
				elt type t	using/white LED exposure	
Originals	Sheets and bound documents					
Max. Original Size Output Size	11" x 17" Min. 5½" x 8½", Max. 13" x 19"					
Copy Speed	70/80 ppm B8					
Multiple Copy	Max. 9,999 co					
First Copy Time		MX-70		MX-80		
(in seconds) ²	Distan Class	B&W	Color	B&W	Color	
	Platen Glass DSPF	4.0 6.5	5.6 9.2	3.7 6.3	5.1 8.8	
Warm Up Time	90 seconds or		3.2	0.5	0.0	
Magnification			ncrements (with doc	ument feeder 25%-200%)	
Original Feed	150-sheet DS					
Scan Speed	Up to 200 ipm					
Original Sizes					" x 14", 11" x 17"	
Paper Capacity Paper Feed	Standard: 3,0 Standard: Tan				ou Sheets s (letter size), Tandem	
System					/4 - 500 sheets ea.	
					. Optional multi-bypass	
	tray (for mach	nine) - 1	00 sheets	(letter/le	gal/ ledger/statement/	
), Multi-bypass (for	
			-	-	atement/12" x 18"), LCT	
					(letter/legal/ledger/ etter), Ledger LCC: 3,000	
	sheets (letter/				Stici), Louger Loo. 3,000	
Paper Weights		· ·	• /	Trays 3/	4 - 16 lb. bond to 100 lb.	
and Types					- 15 lb. bond to 110	
					5 lb. bond to 100 lb.	
					10 lb. cover, Letter LCC/	
					bl. Supported paper types head, pre-printed and	
	pre-punched,				nead, pre-printed and	
Duplexing	Standard auto		-		printing	
CPU	Multi-Process	or Contr	oller at 1.9	GHz, 6	00 MHz and 400 MHz	
Interface					JSB 2.0 (2 host ports,	
	front and rear		2.0 (1 devic	e port)		
Memory Hard Disk Drive	Standard 6 GE 1 TB	5				
Copy Resolution		lor: 600	x 600 dni:	Conv [.] B	&W/color: 600 x 600 dpi	
Color Modes	Photo, Full Co					
Exposure Control	Modes: Text,	Tout/Dh			W)	
				rinted-P	noto, Printed-Photo,	
	Photo, Map, P	ale-Colo	or. Settings	rinted-P :: Auto o		
Halftone	Photo, Map, P 256 gradation	Pale-Colo Is/2 leve	or. Settings els (monoch	rinted-P :: Auto o nrome)	noto, Printed-Photo, r 9 step manual	
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Main Specification Firmware	Flash ROM with local (USB), network update capability
	and firmware update 1 to N with SRDM (Sharp Remote
Management	
Device Setup	Device Management) Web-based management with user/administrator
Device Setup	level login, cloning (1 to N) with SRDM and remote front
	panel access
Service/Functions	Remote front panel, remote access to service logs and
octvice/1 unctions	click counts
Accessibility	Free stop tilting front panel, adjustment of key touch sound and
Features	speed, concave key, document feeder free stop, job programs,
i outur oo	remote front panel, universal grip for paper trays, and disable
	screen timeout.
Environmental	International ENERGY STAR Program Ver. 2.0, Law on
Standards	Promoting Green Purchasing. European RoHS (Restriction
otandardo	of Hazardous Substances)
Power Source	AC 208-240 VAC, 60 HZ, 20 A Receptacle
	Maximum: 2,880W or less
Weight	Approx. 493.4 lbs.
Dimensions	Approx. 38%" (w) x 30¼" (d) x 60¼" (h)
Network Printing S	vstem
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
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, tray status, user authentication
	watermarks and zoom print
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
	Windows 7, Windows 8.1, Windows 10, Windows Server [®] 2008
and Environments	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	
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/A1, Compressed PDF1, Searchable PDF, DOCX, XLSX,
	PPTX, TXT and RTF.
Image	Monochrome Scanning: Uncompressed, G3 (MH), G4 (MR/MMR)
-	
Compression	Monochrome Scanning: Uncompressed, G3 (MH), G4 (MR/MMR)
Compression Scan Destinations	Monochrome Scanning: Uncompressed, G3 (MH), G4 (MR/MMR) Color/Grayscale: JPEG (high, middle, low)
Compression Scan Destinations One-touch	Monochrome Scanning: Uncompressed, G3 (MH), G4 (MR/MMR) Color/Grayscale: JPEG (high, middle, low) Email, Desktop, FTP, Folder (SMB), USB
Compression Scan Destinations One-touch Destinations	Monochrome Scanning: Uncompressed, G3 (MH), G4 (MR/MMR) Color/Grayscale: JPEG (high, middle, low) Email, Desktop, FTP, Folder (SMB), USB Up to 2,000 (combined scan destinations)
Compression Scan Destinations One-touch Destinations Group Destinations	Monochrome Scanning: Uncompressed, G3 (MH), G4 (MR/MMR) Color/Grayscale: JPEG (high, middle, low) Email, Desktop, FTP, Folder (SMB), USB Up to 2,000 (combined scan destinations) Up to 500
Image Compression Scan Destinations One-touch Destinations Group Destinations Programs Max Jobs	Monochrome Scanning: Uncompressed, G3 (MH), G4 (MR/MMR) Color/Grayscale: JPEG (high, middle, low) Email, Desktop, FTP, Folder (SMB), USB Up to 2,000 (combined scan destinations) Up to 500 48 (combined)
Compression Scan Destinations One-touch Destinations Group Destinations Programs Max. Jobs	Monochrome Scanning: Uncompressed, G3 (MH), G4 (MR/MMR) Color/Grayscale: JPEG (high, middle, low) Email, Desktop, FTP, Folder (SMB), USB Up to 2,000 (combined scan destinations) Up to 500 48 (combined) Up to 100
Compression Scan Destinations One-touch Destinations Group Destinations Programs Max. Jobs Enhanced Email	Monochrome Scanning: Uncompressed, G3 (MH), G4 (MR/MMR) Color/Grayscale: JPEG (high, middle, low) Email, Desktop, FTP, Folder (SMB), USB Up to 2,000 (combined scan destinations) Up to 500 48 (combined) Up to 100 Standard Gmail connector, standard Exchange connector
Compression Scan Destinations One-touch Destinations Group Destinations Programs Max. Jobs Enhanced Email Integration	Monochrome Scanning: Uncompressed, G3 (MH), G4 (MR/MMR) Color/Grayscale: JPEG (high, middle, low) Email, Desktop, FTP, Folder (SMB), USB Up to 2,000 (combined scan destinations) Up to 500 48 (combined) Up to 100 Standard Gmail connector, standard Exchange connector (on-premise and online)
Compression Scan Destinations One-touch Destinations Group Destinations Programs Max. Jobs Enhanced Email	Monochrome Scanning: Uncompressed, G3 (MH), G4 (MR/MMR) Color/Grayscale: JPEG (high, middle, low) Email, Desktop, FTP, Folder (SMB), USB Up to 2,000 (combined scan destinations) Up to 500 48 (combined) Up to 100 Standard Gmail connector, standard Exchange connector

. Platform Accounting Module (MX-AMX3) standard

	ler/Finisher (MX-FN21: option)
Туре	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 3/4" (w) x 30" (d) x 41" (h) (with tray extended)
4K 100-Sheet Stap	ler/Saddle Stitch Finisher (MX-FN22: option)
Туре	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	Up to 5 sets (16-20 sheets)/10 sets (11-15 sheets per set)/15 sets
Max. 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	1 220w/350w with MX-MF10
Weight	Approx.: 238.1 lbs.
Dimensions	Approx.: 351/4" (w) x 301/6" (d) x 41" (h) (with tray extended)
Optional Equipmen	ıt
MX-LC12	3,500-sheet Large Capacity Cassette (letter)
MX-LC13N	5,000-sheet Large Capacity 2-Drawer Air-Feed Tray (ledger)
MY LOYON	0.000 shash large Conseils Conseils (ladges)

Optional Equipr	nent
MX-LC12	

opuonai Equipi	lent	
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	
MX-ST10	5,000-sheet Stacker (includes paper cart)	
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	
Cumulian		
Supplies	Disel, Tanar Carbridge	
MX-62NTBA	Black Toner Cartridge	
MX-75NTCA	Cyan Toner Cartridge	

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.













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