SHARP

MX-M754N / MX-M654N

Digital Multifunctional System

HIGH PERFORMANCE A3 MFPS
WITH ADVANCED FINISHING

Designed for performance. Engineered for reliability.
/This is Why every print room needs our high performance MFPs.

The purpose of technology is to boost productivity /This is Why we make everything easy to use.

If you're looking for a fast, reliable, easy to use MFP with a wide range of finishing capabilities: a machine that delivers quality output day after day - and does it fast - you need to take a close look at the MX-M754N and MX-M654, powered by Sharp OSA.

Start by choosing a model with the right output speed for your department (either 75 or 65 pages per minute) and then add extra-value finishing options and upgrades to build a custom configuration that's ideal for your workplace.

Walk up ease of use

Even if they're fully configured, you don't need any particular technical skills to get the best from these versatile MFPs.

A 10.1" colour LCD control panel, with multi-touch finger swipe touch control, guides you step by step through operational procedures. The same screen - which tilts for easy viewing - can also be used to access the internet. But the convenience of operation doesn't stop there.

Not only do the MX-M754N and MX-M654N connect to your network wirelessly but, thanks to Sharp OSA, they are cloud-ready. A simple touch on the control panel can launch any of a growing range of Apps, as well as taking you to Cloud Portal Office - our powerful file sharing and document management environment.

A 150 sheet document feeder takes care of scanning two-sided documents at speeds of up to 200 ipm (impressions/sides per minute), regardless of whether they are black & white or full colour. Plus, a useful 'Scan to Me' feature lets authenticated users scan documents directly to their own e-mail address, saving time and effort.

The built-in 320GB hard drive, which is ideal for storing documents and data - and instantly repeating jobs - can also be used as Network Attached Storage. Two USB ports are provided for convenient printing from (and scanning to) memory sticks and you can add a retractable QWERTY keyboard for fast and easy data entry.

Everything has been designed with convenience in mind. Even the paper drawers have easy grip handles!

TILTABLE CONTROL PANEL FOR EASY VIEWING

PRODUCTIVE AND RELIABLE A3 MFPS

You want the greatest return from your investment /This is Why we deliver maximum productivity.

Fast printing, copying and scanning speeds are just part of the productivity equation. For maximum throughput you need minimum interruptions. And that's just what the MX-M754N and MX-M654N deliver.

The paper supply, which starts at a generous 3,200 sheets, can be expanded to 6,700 sheets and you can replenish the toner without pausing the print run. They warm up to full operating temperature just 20 seconds after you switch them on and the first page out time is 3.9 seconds or less.

So whether you're facing large single print runs or a high volume of urgent smaller jobs, the MX-M754N and MX-M654N can handle it all with ease.

Advanced finishing options

Both MFPs can be equipped with a range of finishing options that will allow you to produce a wide variety of documents.

Add a 4000-sheet finisher and choose saddle stitching, 50 or 100 sheet stapling, hole punching, a multi-folding unit, inline trimming, a post- process sheet inserter and a curl correction unit.

Whatever the challenge, there's a configuration to meet all of your needs.

Superior print quality

The MX-M754N and MX-M654N give you page after page of consistently high quality output. Print resolution is a true 1200 x 1200 dpi - more than enough for a truly professional look, Adobe PostScript3 comes as standard and our Error Diffusion Process produces finer, smoother text and images.

And when it comes to copying, our Automatic Background Suppress feature improves the quality of copies even when you're working with low quality originals.

IMPRESSIVE PRODUCTIVITY FEATURES AND FINISHING OPTIONS

Your information is valuable /This is Why we keep it safe and secure.

Sharp has developed multi-level security which includes some of the toughest all-round protection in the industry. Nothing is left to chance.

Any data that's stored on the internal hard drive is automatically encrypted and can be securely overwritten whenever you need, removing all traces. And when it's time to replace the MFP you can overwrite the entire drive in one simple operation.

IP/MAC address filtering blocks unknown devices from accessing the MFP, which prevents it from being used as a gateway for mounting a remote attack. IEEE 802.1X is used to support port-based network access control, and SSL and IPsec are used for secure network communications.

Document scanning, which would otherwise be an easy way to copy and steal sensitive information, requires the user to be authenticated before it can be used. For even greater security, add the optional Data Security Kit, with Document Control.

Document Control adds a barely visible pattern to documents that you want to protect from being scanned of copied. On detecting the pattern, the MFP simply produces a blank page.

MULTI LEVEL SECURITY

Energy is expensive /This is Why we make MFPs that consume less.

With the pressure on to conserve energy wherever possible, you'll be pleased to know that these Energy Star certified MFPs have an exceptionally low Total Energy Consumption (TEC) rating. And that directly relates to how much energy you use, the size of your carbon footprint and how much the MFP costs to run.

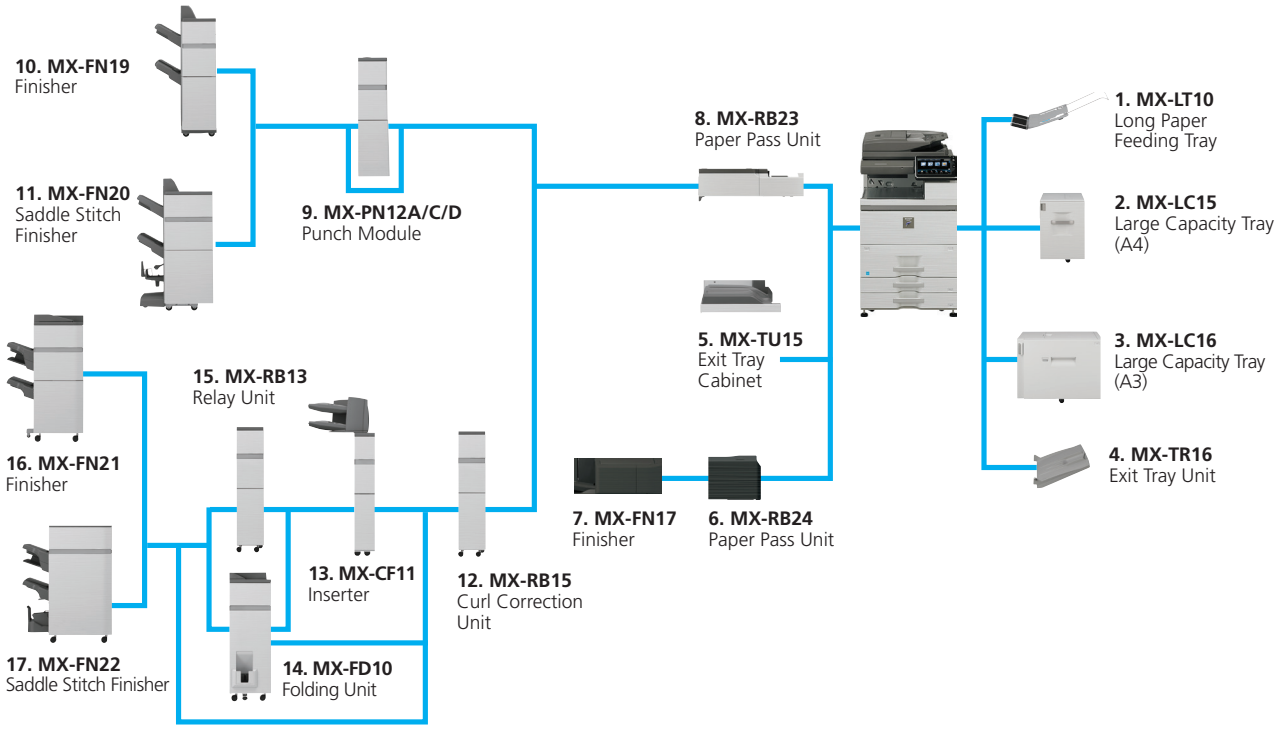
Right from the start, we looked at every conceivable way of reducing energy consumption. We chose energy-efficient LED lamps for the scanner, for instance. And incorporated an Eco Scan feature that keeps the fuser roller turned off for scanning, but switches it back on for printing and copying, keeping energy consumption to a minimum.

Our MFPs can even learn your typical usage patterns and automatically shut down when they predict that you won't be using it. Plus, you can set a regular schedule to turn the power on or off - in mornings and evening, for example.

In addition, operators are prompted with 'Eco Recommendations' - messages displayed on the control panel which suggest ways to work more economically when copying and printing.

SUPPORTING YOUR ENVIRONMENT

Options



Base Unit

MX-KB13 Keyboard

Keyboard

1. MX-LT10 Long Paper Feeding Tray
Recommended for banner printing.

Long Paper Feeding Tray

2. MX-LC15 Large Capacity Tray (A4)
A4 - B5, 3,500 sheets (80 g/m²)

3. MX-LC16 Large Capacity Tray (A3)
A3 - B5, 3,000 sheets (80 g/m²)

Finishing

4. MX-TR16 Exit Tray Unit

5. MX-TU15 Exit Tray Cabinet

6. MX-RB24 Paper Pass Unit
(for MX-FN17)

7. MX-FN17 Finisher
A3 - B5 (offset/staple), A3W - A5R (non offset)
Offset tray (upper): 500 sheets*
50-sheet* staple capacity
(front, rear or 2 point stitching)

8. MX-RB23 Paper Pass Unit
(for MX-FN19, MX-FN20, MX-FN21 & MX-FN22)

9. MX-PN12A/C/D Punch Module
(for MX-FN19 & MX-FN20)
A: 2 hole punch, C: 4 hole punch, D: 4 hole wide punch

10. MX-FN19 Finisher
(4k - 50-sheet staple)
A3 - B5 (offset/staple), SRA3 - A5R (non offset)
Upper tray: 1,550 sheets*
Lower tray: 2,450 sheets*
50-sheet* staple capacity
(front, rear or 2 point stitching)

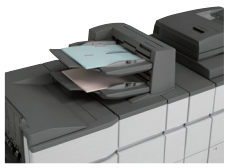
Finisher

11. MX-FN20 Saddle Stitch Finisher
(4k - 50-sheet staple)
A3 - B5 (offset/staple), SRA3 - A5R (non offset)
Upper tray: 1,550 sheets*
Lower tray: 2,450 sheets*
50-sheet* staple capacity
(front, rear or 2 point stitching)
Saddle stitch tray: 10 sets (11-15 sheets),
20 sets (6-10 sheets), 25 sets (1-5 sheets).
Max 15 sheets per set.

Saddle Stitch Finisher

12. MX-RB15 Curl Correction Unit
Corrects paper curling by putting pressure on the convex/concave curl.

13. MX-CF11 Inserter
(200-sheet x 2 bin)
Requires MX-FD10 or MX-RB13.
SRA3 - A5R, 200 sheets* each


Inserter

14. MX-FD10 Folding Unit
Required if MX-CF11 is installed and MX-RB13 is not required.
Folding options include Z, C, accordion, double and half folds.

Folding Unit

15. MX-RB13 Relay Unit
Required if MX-CF11 is installed and MX-FD10 is not required.

16. MX-FN21 Finisher
(4k - 100-sheet staple)
A3 - B5 (offset/staple), SRA3 - A5R (non offset)
Upper tray: 1,500 sheets*
Middle tray: 250 sheets*
Lower tray: 2,500 sheets*
100-sheet* staple capacity
(front, rear or 2 point stitching)

Finisher

17. MX-FN22 Saddle Stitch Finisher
(4k - 100-sheet staple)
A3 - B5 (offset/staple), SRA3 - A5R (non offset)
Upper tray: 1,500 sheets*
Middle tray: 250 sheets*
Lower tray: 2,500 sheets*
100-sheet* staple capacity
(front, rear or 2 point stitching)
Saddle stitch tray: 5 sets (16-20 sheets), 10 sets (11-15 sheets), 15 sets (6-10 sheets), 25 sets (1-5 sheets). Max 20 sheets per set.

Saddle Stitch Finisher

MX-TM10 Trimming Module
(for MX-FN22)
Up to 20 mm trim width, 1,500 sheets*

MX-PN13A/C/D Punch Module
(for MX-FN21 & MX-FN22)
A: 2 hole punch, C: 2/4 hole punch, D: 4 hole wide punch

Faxing

MX-FWX1 Internet-Fax Expansion Kit

MX-FX11 Fax Expansion Kit
Super G3 fax module.

Connectivity

Printing

MX-PF10 Barcode Font Kit
Enables barcode printing.

MX-PUX1 XPS Expansion Kit
Enables XPS printing.

MX-AM10 Web Browsing Expansion Kit
Enables Internet browsing from the control panel.

Scanning

AR-SU1 Stamp Unit
Marks already scanned documents for checking.

MX-AP14 Scan Accessory Kit

Sharpdesk Licenses

MX-USX1/X5/10/50/A0
1/5/10/50/100-License Kit

Sharp OSA®

MX-AMX1 Application Integration Module

Security

MX-FR47U Data Security Kit (non CC version)

MX-EB12 N Mirroring Kit
Second hard drive enables data backup of files stored on HDD.

* A4 or smaller, 80 g/m².
Some options may not be available in some areas.

Specifications

General

Engine speed (ppm/cpm) (Max)	**A4**	**A3**
MX-M754N	75	37
MX-M654N	65	34
Paper size (Min – Max)		
Drawers 1 & 2	A4	
Drawer 3	B5R - A3	
Drawer 4	A5R - A3	
Multi-bypass	A5R - A3W	
Paper weight*1 (g/m²)		
Drawers 1 & 2	60 – 105	
Drawers 3 & 4	60 – 220	
Multi-bypass	55 – 300	
Paper capacity (Std – Max)		
Sheets	3,200 – 6,700	
Drawers	4 – 5 (plus bypass tray)	

Warm-up time*2 (seconds)	20
Memory (GB)	
Copier/Printer (shared)	3
HDD*3	320
Option*4	1
Power requirements	Rated local AC voltage ±10%, 50/60 Hz
Power consumption (kW) (Max)	1.84 (220 - 240V)
Dimensions (mm) (W x D x H)	663 x 772 x 1,218
Weight (kg)	166

Copier

Original paper size (Max)	A3
First copy time*5 (seconds)	
MX-M754N	3.5
MX-M654N	3.9
Continuous copies (Max)	9,999
Resolution (dpi)	
Scan	600 x 600, 600 x 400, 600 x 300*6
Print	1,200 x 1,200, 600 x 600, 9,600*7 (equivalent) x 600
Gradation levels	256
Zoom range (%)	25 – 400, (25 – 200 using DSPF) in 1% increments
Preset copy ratios	10 ratios (5R/5E)

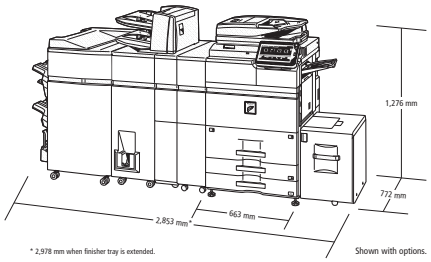
Network Printer

Resolution (dpi)		1,200 x 1,200, 600 x 600, 9,600*7 (equivalent) x 600
Interface		USB 2.0, 10Base-T/100Base-TX/1000Base-T
Supported OS		Windows Server® 2003, 2003R2, 2008, 2008R2, 2012, 2012R2, Windows Vista®, Windows® 7, 8, 8.1 Mac OS X 10.4, 10.5, 10.6, 10.7, 10.8, 10.9
Network protocols		TCP/IP (IPv4, IPv6), IPX/SPX (NetWare), EtherTalk (AppleTalk)
Printing protocols*8		LPR, Raw TCP (port 9100), POP3 (e-mail printing), HTTP, FTP for downloading print files, EtherTalk printing, IPP
PDL	Std	PCL6 emulation, Adobe® PostScript®3™
	Opt	XPS*9
Available fonts		80 fonts for PCL, 139 fonts for Adobe PostScript3
Printer utilities		Sharpdesk Mobile

Wireless LAN

Compliant regulation	IEEE802.11n/g/b
Access mode	Infrastructure mode*10, Software AP mode
Security	WEP, WPA Personal, WPA Enterprise*11, WPA2 Personal, WPA2 Enterprise*11

External Dimensions



* 2,978 mm when finisher tray is extended.

Shown with options.

Colour Network Scanner

Scan method	Push scan (via control panel) Pull scan (TWAIN-compliant application)
Resolution (dpi)	
Push scan	100, 150, 200, 300, 400, 600
Pull scan	75, 100, 150, 200, 300, 400, 600 50 to 9,600 dpi via user setting
File formats	TIFF, PDF, PDF/A-1b, encrypted PDF, compact PDF*12, JPEG*12, XPS
Scan destinations	Scan to e-mail, desktop, FTP server, network folder (SMB), USB memory
Scanner utilities	Sharpdesk, Sharpdesk Mobile

Document Filing

Document filing capacity*13	
Main and custom folders	20,000 pages or 3,000 files
Quick file folder	10,000 pages or 1,000 files
Stored jobs	Copy, print, scan, fax transmission*14
Storage folders	Quick file folder, main folder, custom folder (max. 1,000 folders)
Confidential storage	Password protection

Fax (optional MX-FX11 required)

Compression method		MH/MR/MMR/JBIG
Communication protocol		Super G3/G3
Transmission time*15 (seconds)		Less than 3
Modem speed (bps)		33,600 - 2,400 with automatic fallback
Transmission resolution (dpi)		
	Std	203.2 x 97.8
	Ultra Fine	406.4 x 391
Recording width		A5 - A3
Memory (GB)		1
Grey scale levels		256

Notes

*1 Depending on usage conditions and type of paper, printing may not be executed correctly. *2 At rated voltage. May vary depending on operating conditions and environment. *3 HDD capacity depends on procurement and sourcing status. *4 Optional memory sourced locally. *5 Best achieved time based on A4 copy, long-edge feeding from 1st paper drawer, using document glass, when machine is ready. May vary depending on machine conditions and operating environment. *6 Only available when using DSPF. *7 Resolutions higher than 600 dpi are interpolated. *8 Printing protocol supporting IPv6 with LPR only *9 Requires optional MX-PUX1 and 1GB memory. *10 Commercially available wireless LAN router is required. *11 Not applicable to Access Point mode. *12 Colour only. *13 Storage capacity will vary depending on the type of document and the scan settings. *14 Optional MX-FX11 required. *15 Based on Sharp's standard chart with approx. 700 characters (A4 portrait) at standard resolution in Super G3 mode, 33,600 bps, JBIG compression.

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