

A3 Black & White Photocopier

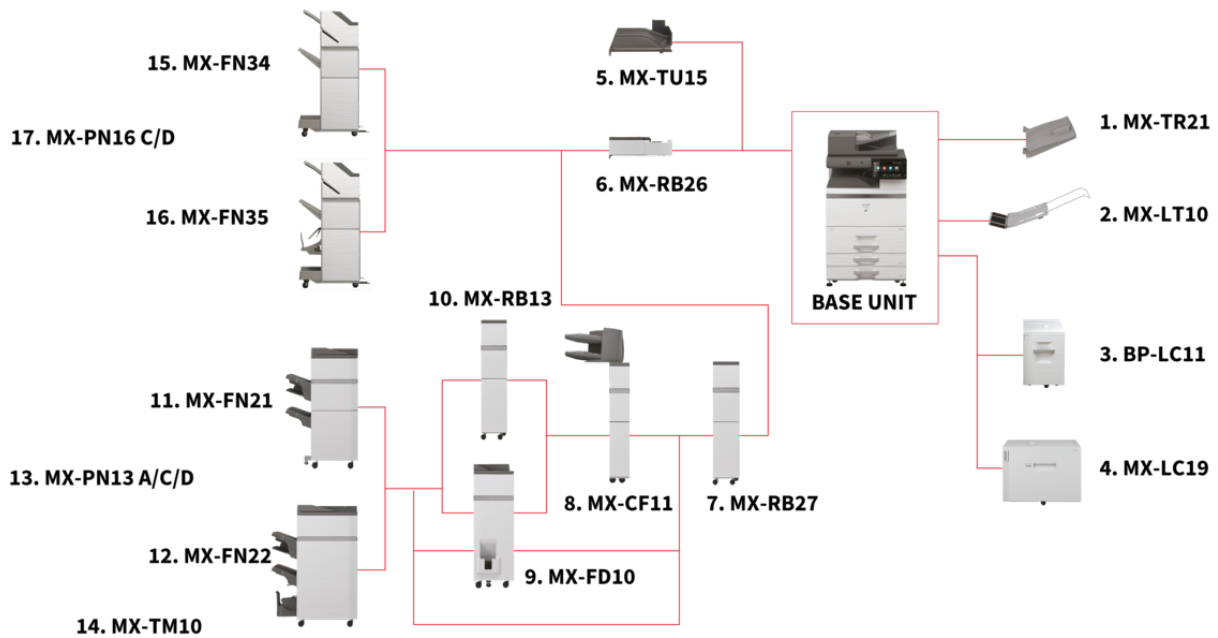
BP-70M90

Future proofed by design. High volume MFP with stringent security features and superior workgroup productivity.



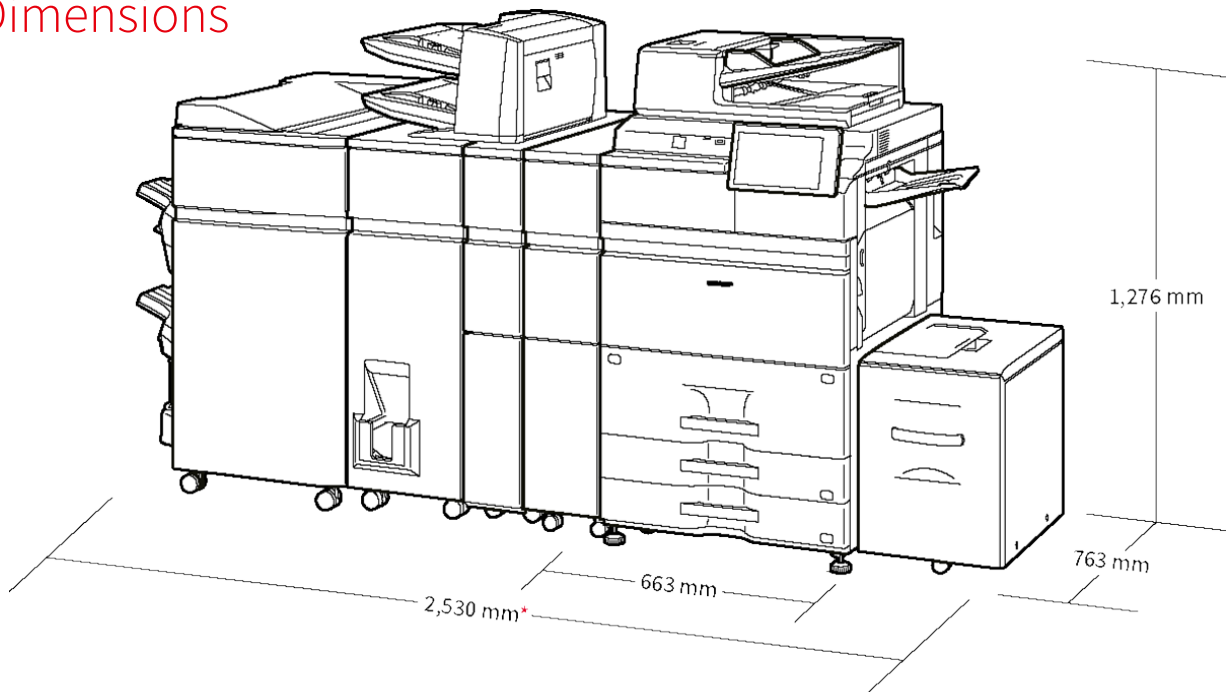
- Fast and versatile, 90ppm high volume A3 black and white MFP with extensive finishing options to easily create professional looking documents
- Built-in Microsoft® Teams connector strengthens collaboration by enabling direct and secure access for printing to or scanning from your Microsoft® Teams channels
- Industry leading system and data protection features including BIOS based security, optional Bitdefender anti-malware and standard Trusted Platform Module ensure that confidential data is kept secure
- Interact with the MFP directly from your mobile device via WiFi, AirPrint, Bluetooth, NFC and QR Code
- Seamless integration and connection to cloud based business process applications
- Scan at speeds of up to 280ipm with optional double feed detection for eliminating productivity interruptions
- Ultra-responsive tiltable 10.1-inch colour LCD touchscreen offers a smartphone style user interface making everything easy to access and use
- Superior environmental performance delivers lower standby power consumption and low TEC value
- Achieves superb energy efficiency, including the use of low temperature-fusing toner resulting in vastly reduced energy consumption for the MFP
- A motion sensor detects approaching users ensuring the MFP is always ready to use
- Feature rich hardware and solutions platform that supports the hybrid working environment
- Keep up-to-date and compliant with remote firmware and application updates via the Sharp Application Portal

Configurations



Configurations may differ per sales region. Please contact your local Sharp representative for further information.

Dimensions



* 2,655 mm when finisher tray is extended.

Dimensions are shown with optional equipment. Options may differ per region.

Options

Base Unit

01. MX-TR21 Exit Tray Unit

02. MX-LT10 Long Paper Feeding Tray

Recommended for banner printing

03. BP-LC11 Large Capacity Tray (A4)

3,500 sheets, (60 - 220 g/m²)

04. MX-LC19 Large Capacity Tray (A3)

3,000 sheets, A3W - B5 (60 - 220 g/m²)

Printing

MX-PF10

Barcode Font Kit

Scanning

AR-SU1 Stamp Unit

Marks already scanned documents for checking

BP-DD10

Double Feed Detection Kit

Faxing

BP-FX11

Fax Expansion Kit

MX-FWX1

Internet Fax Expansion Kit

Sharp OSA®

MX-AMX1

Application Integration Module

BP-AM10

Application Communication Module

BP-AM11

External Account Module

Security

BP-FR12U

Data Security Kit

BP-VD10

Virus Detection Kit

Finishing

05. MX-TU15 Exit Tray Cabinet

Required if MX-RB26 is not installed.

06. MX-RB26 Paper Pass Unit.

Required when using MX-FN34 or MX-FN35.

07. MX-RB27 Curl Correction Kit

Corrects paper curling by putting pressure on the convex/concave curl.

Requires MX-RB26.

08. MX-CF11 Inserter (200-sheet x 2 bin) SRA3 - A5R, 200 sheets each (80g/m²).

Requires MX-RB26 and either MX-RB13 or MX-FD10 if connecting to MX-FN21 or MX-FN22.

09. MX-FD10 Folding Unit

Folding options include Z, C, accordion, double and half folds.

Can only be installed with MX-FN21 or MX-FN22.

10. MX-RB13 Relay Unit (between 100-sheet finisher and inserter).

Required between 100 sheet staple finisher (MX-FN21 or MX-FN22) and MX-CF11.

11. MX-FN22 Saddle Stitch Finisher (4k - 100-sheet staple) A4, A3, SRA3

Paper size: 206 x 275 mm (Min) to 320 x 457.2 mm (Max)

Paper Weight: 60 -300 g/m² Capacity: 1-20 sheets (stapled and folded)

Requires MX-RB27.

12. MX-FN21 Finisher (4k - 100-sheet staple)

A3 - B5 (offset/staple), SRA3 - A5R (non offset).

Requires MX-RB27. Cannot be installed with MX-FN22.

13. MX-PN13A/C/D Punch Module (for MX-FN21/FN22)

14. MX-TM10 Trimming Module (for MX-FN22)

15. MX-FN34 Finisher (3k - 65-sheet staple)

A3 - B5 (offset/staple), A3W - A5R (non offset)

Requires MX-RB26. Cannot be installed with MX-FN35.

16. MX-FN35 Saddle Stitch Finisher (3k - 65-sheet staple)

A3 - B5 (offset/staple), A3W - A5 (non offset)

Requires MX-RB26. Cannot be installed with MX-FN34.

17. MX-PN16C/D Punch Module (for MX-FN34/FN35)

Storage

BP-SD10

High Capacity 512GB SSD

Connectivity

BP-EB10 Wireless Connection Adaptor

Enables connection to wireless networks

Note: All specifications relating to paper capacity refer to 80 g/m² paper.

Certain optional equipment may not be available in some regions.

Specifications

GENERAL

Engine speed: A4 B/W (ppm)	90
Engine speed: A3 B/W (ppm)	44
Paper size: Min.-Max.	A6R - A3W
Paper weight (g/m ²)	55 - 300
Paper capacity: Std. (sheets)	3200
Paper capacity: Max. (sheets)	6700
Warm Up Time (sec.)	35
Memory general: Min./Max. (GB)	5
SSD	STD / OPT
SSD Capacity (GB)	256 / 512
Duplex	STD
Power requirements - rated local AC voltage (Hz)	220 - 240V, 50 / 60Hz
Power consumption (kW)	2.07
Dimensions (mm)	663 x 763 x 1240
Weight (kg)	163

DOCUMENT FEEDER

Original capacity (sheets)	300
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DOCUMENT FILING

Document filing (Standard / Option)	STD
Document filing capacity: main & custom folders (pages)	20,000
Document filing capacity: quick file folder (pages)	10,000
Stored jobs	Copy, Print, Scan, Fax transmission
Storage folders	Quick File Folder, Main Folder, Custom Folder (max 1.000)
Confidential storage	.

FAX

Fax (Standard / Option)	OPT
Compression method	MH / MR / MMR / JBIG
Communication protocol	Super G3 / G3
Transmission time (sec.)	2
Modem speed (bps)	33.600 - 2.400
Transmission resolution (dpi)	203,2 x 97,8 - 406,4 x 391
Document size: Min.	A5
Document size: Max.	A3
Memory (GB)	4
Grey scale (levels)	256
Dial registration: rapid/speed dial	1,000
Broadcast transmission (Max. destinations)	500

WIRELESS LAN

Wireless LAN (Standard / Option)	STD
Compliant regulation	IEEE802.11 a / ac / b / g / n
Access mode	Infrastructure mode, Software AP mode
Security	WEP, WPA / WPA2-mixed PSK, WPA / WPA2-mixed EAP, WPA2-PSK, WPA2-EAP, WPA2 / WPA3-mixed PSK / SAE, WPA3 SAE, WPA2 / WPA3-mixed EAP, WPA3 EAP

COPIER

Original paper size: Max.	A3
First copy out time: B/W (sec.)	3.1
E-sort Std.	.
Continuous copy (Max. copies)	9999
Scan resolution: B/W (dpi)	600 x 600
Print resolution (dpi)	1200 x 1200, 600 x 600, 9600 (equivalent) x 600
Gradation: B/W (equivalent levels)	256
Zoom range (%)	25 - 400
Preset copy ratios	10

SCANNER

Network Scanner (Standard / Option)	STD
Scan method Push scan and Pull scan	.
Push scan resolution (dpi)	100, 150, 200, 300, 400, 600
Pull scan resolution (dpi)	75, 100, 150, 200, 300, 400, 600, 50 - 9600 custom
File formats	TIFF, PDF, PDF / A-1a, PDF / A-1b, Encrypted PDF, Compact PDF, JPEG, XPS, searchable PDF, Microsoft Office (pptx, xlsx, docx), text (TXT), rich text (RTF)
Scan destination: Desktop	.
Scan destination: FTP, Email	.
Scan destination: Network folder	.
Scan destination: USB memory	.

PRINTER

Resolution (dpi)	1200 x 1200, 600 x 600, 9600 (equivalent) x 600
Enhanced resolution (dpi)	1200 x 1200
Network Printer (Standard / Option)	STD
Interface: Std./Opt.	USB 2,0, USB3.0, 10Base-T, 100Base-TX, 1000Base-T
Supported OS: Std.	Windows 8.1, 10, 11. Windows Server 2012, 2012R2, 2016, 2019, 2022. Mac OS X 10.10 / 10.11 / 10.12 / 10.13 / 10.14 / 10.15 / 11 / 12
Network protocols	TCP / IP
Printing protocols	LPR, Raw TCP (port 9100), POP3 (e-mail printing), HTTP, FTP for downloading print files, IPP, SMB, WSD
PDL: Std./Opt.	STD: PCL6, Adobe PostScript 3
Available fonts	80 (PCL), 139 (PS3)

FINISHING

Output capacity: Max. (sheets)	4250
Staple capacity: Max. (sheets)	100
Saddle stitch	OPT
Off-set shifting	STD
Hole punch	OPT
TONER YIELD	
Black (pages at 6% coverage)	83000

