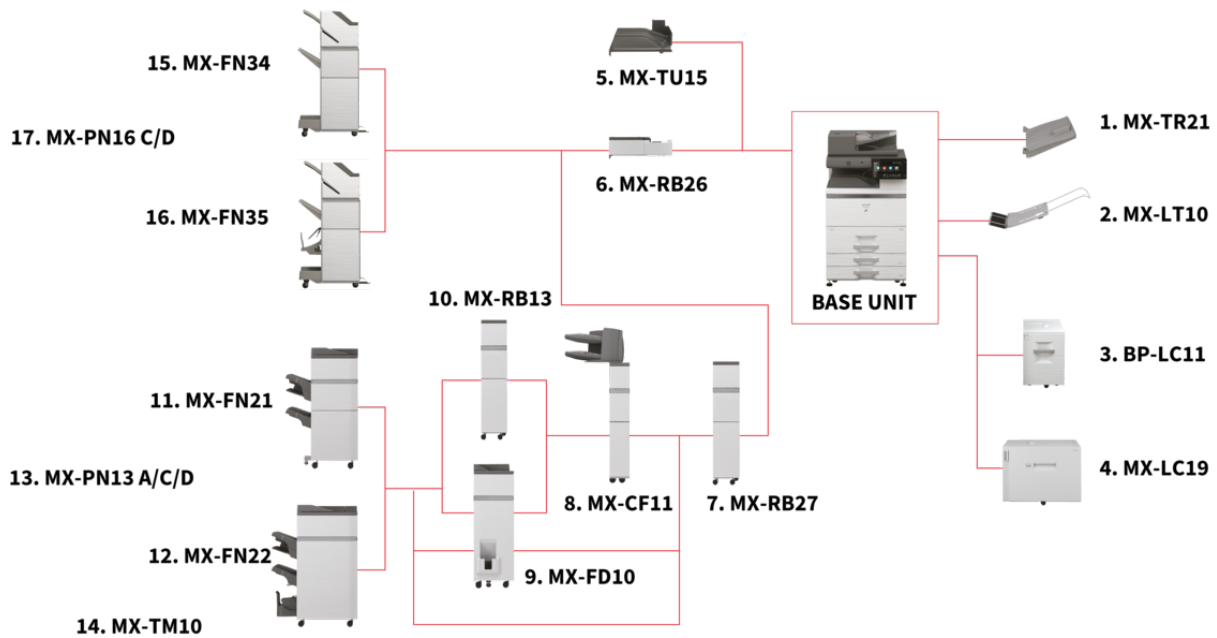**A3 Black & White Photocopier**

BP-70M90

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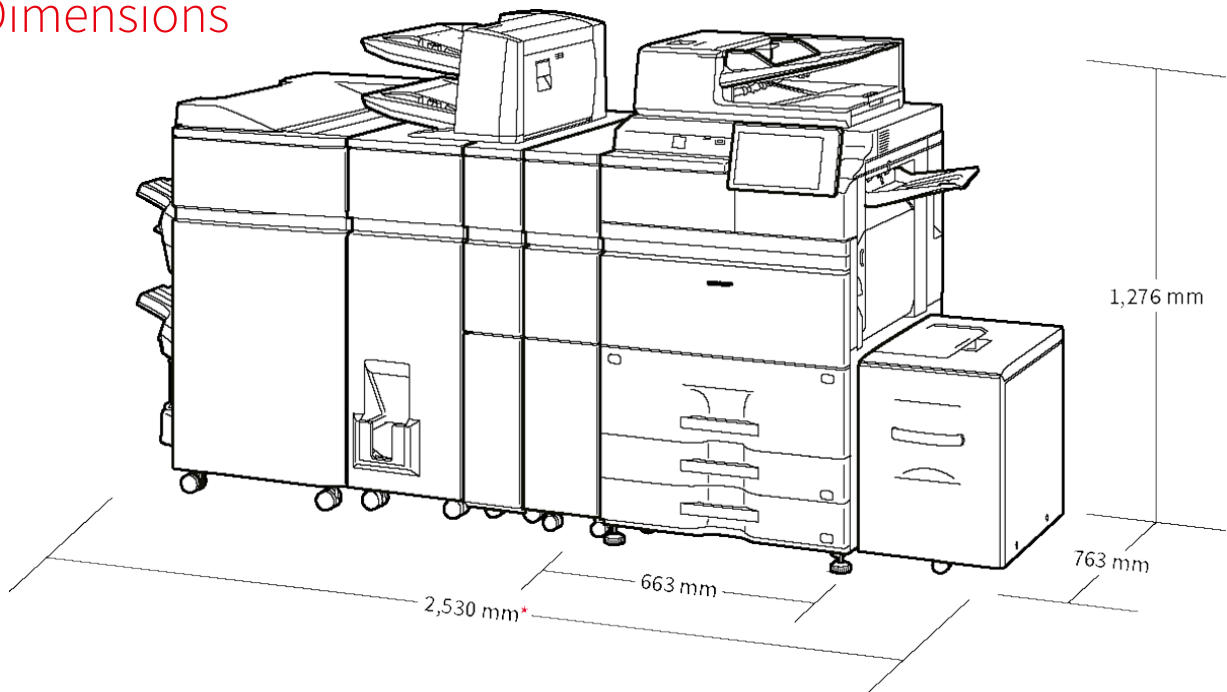

- Fast and versatile, 90ppm high volume A3 black and white MFP with extensive finishing options to easily create professional looking documents

- 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

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SHARP

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Configurations

15. MX-FN34
17. MX-PN16 C/D
16. MX-FN35
11. MX-FN21
13. MX-PN13 A/C/D
12. MX-FN22
14. MX-TM10
10. MX-RB13
8. MX-CF11
9. MX-FD10
7. MX-RB27
5. MX-TU15
6. MX-RB26
BASE UNIT
1. MX-TR21
2. MX-LT10
3. BP-LC11
4. MX-LC19

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

Dimensions

1,276 mm
663 mm
763 mm
2,530 mm*

* 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

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

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

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 B/W ppm (A4)	90
Engine speed B/W ppm (A3)	44
Paper size: Min.-Max.	A6R - A3W
Paper weight (g/m2)	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

DOCUMENT FILING

Document filing (Standard / Option)	STD
Document filing capacity- main and 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	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
Resolution Scan B/W (dpi)	600 x 600
Resolution Print (dpi)	1200 x 1200, 600 x 600, 9600 (equivalent) x 600
Gradation (equivalent levels) - B/W	256
Zoom range (%)	25 - 400
Preset copy ratios	10

SCANNER

Network Scanner (Standard / Option)	STD
Scan method Push scan and Pull scan	•
Resolution push scan (dpi)	100, 150, 200, 300, 400, 600
Resolution pull scan (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 destinations 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 Standard	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.	4250
Staple Capacity (sheets) Max.	100
Saddle Stitch	OPT
Off-set shifting	STD
Hole punch	OPT

TONER YIELD

Black (pages at 6% coverage)	83000

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