

A3 Black & White Photocopiers

Sharp BP-51M45

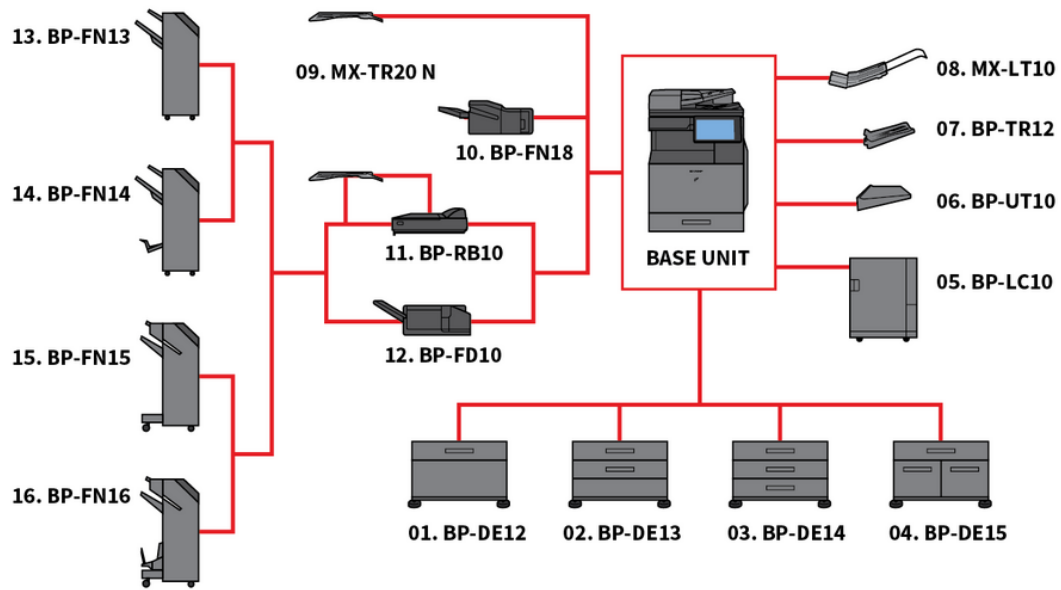


A smart A3 black & white MFP with multi-layered security features and advanced environmental credentials, perfect for any modern office.

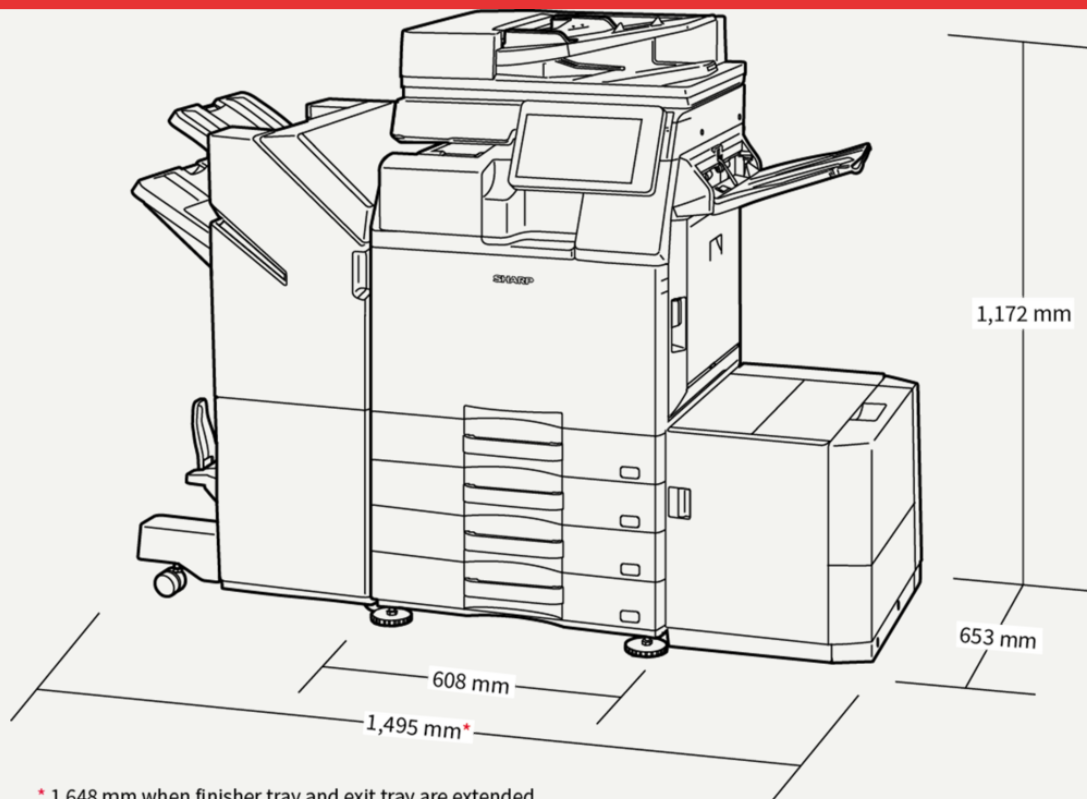
- 45ppm A3 black & white MFP with seamless integration and connection to cloud based business process applications
- Multi-layered security features include automatic BIOS recovery if anomalies are detected during start-up and standard Trusted Platform Module to keep your confidential data secure
- Collaborate with ease using the Microsoft® Teams connector to print from or scan to your Microsoft® Teams channels directly from the MFP control panel^[1]
- Keep your data, device and network secure with optional Bitdefender anti-malware protection software^[2]
- Bring more flexibility to your print output with an extensive range of finishing options including a stapling, punching and folding
- A sustainable design uses up to 50% recycled plastics in manufacturing the base unit of the MFP and cardboard packaging
- helps reduces plastic waste
- 100-sheet Reversing Single Pass Feeder scans one or two-sided originals at speeds of up to 80ipm for completing large jobs with ease and efficiency
- Advanced eco-technologies deliver an impressively low TEC value and standby power consumption rate
- With support for Microsoft Entra ID you can manage identities and control device access via a secure cloud-based tool
- Intuitive icons and a smartphone style interface on the 10.1-inch colour LCD control panel make operating the MFP smooth and easy
- Single sign-on lets you securely print from or scan to public cloud storage services quickly and easily
- Keep up-to-date and compliant with automatic online firmware and application updates via the Sharp Application Portal

[1] Microsoft® Teams connector requires BP-AM10., [2] Bitdefender anti-malware protection software requires BP-VD10.

Configurations



Dimensions



Options

Base Unit

BP-LC10 Large Capacity Tray

3,000 sheets (based on 80 g/m²), A4-B5 (60-220 g/m²)

BP-DE14 Stand with 3 x 550-sheet Paper Drawers

550 sheets each for lower and upper trays (based on 80 g/m²), SRA3-A5R (60-300 g/m²)

BP-UT10 Utility Table

BP-DE13 Stand with 2 x 550-sheet Paper Drawers

550 sheets each for lower and upper trays (based on 80 g/m²), SRA3-A5R (60-300 g/m²)

BP-DE15 Stand with 550 + 2100-sheet Paper Drawers

Upper tray: SRA3-A5R, 550 sheets* (60-300 g/m²); Lower tray (Left): A4, 1,200 sheets* (60-105 g/m²); Lower tray (Right): A4 - B5, 900 sheets* (60-105 g/m²); * Number of sheets based on 80 g/m²

BP-DE12 Stand with 550-sheet Paper Drawer

550 sheets (based on 80 g/m²), SRA3-A5R (60-300 g/m²)

Scanning

MX-EB20 OCR Expansion Kit

Convert scanned documents into editable Microsoft® Office files and searchable PDFs via Optical Character Recognition (OCR).
Essential MFPs only

MX-EB19 Enhanced Compression Kit

Enables creation of high compression PDFs.

Printing

MX-PF10 Barcode Font Kit

Enables barcode printing

MX-PU10 Direct Print Expansion Kit

Direct print Microsoft® Office files from USB drives. Essential MFPs only.

Sharp OSA

MX-AMX1 Application Integration Module

BP-AM11 External Account Module

BP-AM10 Application Communication Module

Security

BP-FR12U Data Security Kit

Commercial version

BP-VD10 Virus Detection Kit

Storage

BP-SD10 High Capacity SSD

512GB SSD

Faxing

MX-FWX1 Internet Fax Expansion Kit

Finishing

MX-LT10 Long Paper Feeding Tray

Recommended for banner printing

MX-PN15D Punch Module - 4 Hole Wide

Punch module for BP-FN13/BP-FN14/MX-FN28/MX-FN29

MX-PN14D Punch Module - 4 Hole Wide

Punch module for BP-FN11/BP-FN12

BP-FN14 1k Saddle Stitch Finisher

A3W-A5R (offset/staple), SRA3-A5R (non offset); Offset tray (upper): max. 1,000-sheet paper capacity (based on 80 g/m²); Stapling capacity: max. 50-sheet multi-position staple (based on 80 g/m²); Saddle stitch tray (lower): 7 sets (11-15 sheets), 10 sets (6-10 sheets), 20 sets (1-5 sheets). 15 sheets max per set; Requires BP-RB10 Paper Pass Unit

MX-PN16D Punch Module - 4 Hole Wide

Punch module for BP-FN15/BP-FN16/BP-FN19/MX-FN30/MX-FN31/MX-FN34/MX-FN35

MX-PN15C Punch Module - 2/4 Hole

Punch module for BP-FN13/BP-FN14/MX-FN28/MX-FN29

MX-PN14C Punch Module - 2/4 Hole

Punch module for BP-FN11/BP-FN12

BP-FN13 1k Finisher

A3W-A5R (offset/staple), SRA3-A5R (non offset); Offset tray (upper): max. 1,000-sheet paper capacity (based on 80 g/m²); Stapling capacity: max. 50-sheet multi-position staple (based on 80 g/m²); Requires BP-RB10 Paper Pass Unit

BP-FD10 Folding Unit

200 sheets (based on 80 g/m²), A3, B4, A4R (Z-fold, half fold), A3, A4R (C-Fold, Accordion fold), 60-256 g/m²

MX-PN16C Punch Module - 2/4 Hole

Punch module for BP-FN15/BP-FN16/BP-FN19/MX-FN30/MX-FN31/MX-FN34/MX-FN35

MX-PN15B Punch Module - 3 Hole

Punch module for BP-FN13/BP-FN14

MX-PN14B Punch Module - 3 Hole

Punch module for BP-FN11/BP-FN12

BP-TR12 Exit Tray Unit

BP-RB10 Paper Pass Unit

Required when using BP-FN13, BP-FN14, BP-FN15 or BP-FN16

BP-FN16 3k Saddle Stitch Finisher

A3-B5 (offset/staple), SRA3-A5R (non offset); Offset tray (upper): max. 3,000-sheet paper capacity (based on 80 g/m²); Stapling capacity: max. 65-sheet multi-position staple (based on 80 g/m²); Manual Stapling: 1-point at rear (Flat), 45 sheets (64 g/m²), 40 sheets (80 g/m²); Stapleless capacity: max. 10-sheet (64 g/m²), 8 sheet (65 - 81.4 g/m²), 6 sheet (81.5 - 105 g/m²); Saddle stitch tray (lower): 10 sets (11-20 sheets), 15 sets (6-10 sheets), 25 sets (1-5 sheets). 20 sheets max per set; Requires BP-RB10 Paper Pass Unit

MX-PN16B Punch Module - 3 Hole

Punch module for BP-FN15/BP-FN16/BP-FN19/BP-FN34

BP-FN15 3k Finisher

A3-B5 (offset/staple), SRA3-A5R (non offset); Offset tray (upper): max. 3,000-sheet paper capacity (based on 80 g/m²); Stapling capacity: max. 65-sheet multi-position staple (based on 80 g/m²); Manual Stapling: 1-point at rear (Flat), 45 sheets (64 g/m²), 40 sheets (80 g/m²); Stapleless capacity: max. 10-sheet (64 g/m²), 8 sheet (65 - 81.4 g/m²), 6 sheet (81.5 - 105 g/m²); Requires BP-RB10 Paper Pass Unit

BP-FN18 Inner Finisher

A3 - B5 (offset/staple), SRA3 - A5R (non offset); Offset tray (upper): max. 500-sheet paper capacity*; Stapling capacity: max. 50-sheet multi-position staple*; Manual Stapling: 1-point at rear (Flat), 45 sheets (64 g/m²), 40 sheets (80 g/m²); Stapleless capacity: max.10-sheet (64 g/m²), 8 sheet (65 - 81.4 g/m²), 6 sheet (81.5 - 105 g/m²)

Specifications

General

Engine speed: A4 B/W (ppm)	45
Engine speed: A3 B/W (ppm)	23
Paper size: Min.	A6R
Paper size: Max.	A3W
Paper weight: Min. (g/m ²)	60
Paper weight: Max. (g/m ²)	300
Paper weight multi-bypass: Min. (g/m ²)	52
Paper weight: multi-bypass: Max. (g/m ²)	300
Paper capacity: Std. (sheets)	650
Paper capacity: Max. (sheets)	6300
Warm-up time (sec.)	13
Memory general: Max. (GB)	5
Storage: Std.	SSD
Storage: Opt.	SSD
SSD capacity: Std. (GB)	128
SSD capacity: Opt. (GB)	512
Duplex	Std.
Power requirements: Frequency Min. (Hz)	50
Power requirements: Frequency Max. (Hz)	60
Power consumption (kW)	1.84
Control panel size (")	10.1
Width (mm)	608
Depth (mm)	653
Height (mm)	829
Weight (kg)	64
Power Requirements: voltage Min. (V)	220
Power Requirements: voltage Max. (V)	240

Fax

Fax	Opt.
Compression method	MH, MR, MMR, JBIG
Communication protocol	Super G3, G3
Transmission time (sec.)	2
Modem speed: Min. (bps)	2400
Modem speed: Max. (bps)	33600
Transmission resolution: Std (dpi)	203.2 x 97.8
Transmission resolution: Ultra Fine (dpi)	406.4 x 391
Document size: Min.	A5
Document size: Max.	A3
Memory: Max. (GB)	4
Grey scale (levels)	256
Dial registration: rapid/speed dial	2000
Broadcast transmission (Max. destinations)	500

Wireless Lan

Wireless LAN	Opt.
Compliant regulation	IEEE802.11a/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, WPA3, EAP

File

Document filing	Std.
Capacity: main & custom folders (pages)	5000
Capacity: quick file folder (pages)	5000
Stored jobs	Copy, Print, Scan, Fax transmission
Storage folders	Quick file, Main, Custom

Print

Network printer	Std.
Resolution (dpi)	600 x 600, 9600 x 600
Interface: Std.	USB 2.0, USB 3.0, 10Base-T, 100Base-TX, 1000Base-T
Interface: Opt.	Secondary LAN support
Supported OS: Std.	Windows 10, Windows 11, Windows Server 2016, Windows Server 2019, Windows Server 2022, Windows Server 2025
Supported OS: Opt.	Mac OS X 10.15, Mac OS X 11, Mac OS X 12, Mac OS X 13, Mac OS X 14, macOS 15
Network protocols	TCP/IP
Printing protocols	LPR, Raw TCP (port 9100), POP3 (e-mail printing), HTTP, FPT for downloading print files, IPP, SMB, WSD
PDL: Std.	PCL6, Adobe® PostScript® 3™
Available Fonts	80 PCL, 139 PostScript 3

Scan

Network scanner	Std.
Push scan resolution (dpi)	100, 150, 200, 300, 400, 600
Pull scan resolution (dpi)	75, 100, 150, 200, 300, 400, 600, 50-9600
Document feeder	RSPF
Document feeder capacity (sheets)	100
Scan speed: Colour simplex (opm)	80
File formats: Std.	TIFF, PDF, PDF/A-1b, Encrypted PDF, JPEG, XPS
File formats: Opt.	PDF/A-1a, Compact PDF, Searchable PDF, Microsoft Office (pptx, xlsx, docx), Text (TXT), Rich Text (RTF) ^[1]
Scan destinations	Desktop, FTP, Email, Network folder, USB

Copy

Original paper size: Max.	A3
First copy out time: B/W (sec.)	4.5
E-sort	Std.
Continuous copy (Max. copies)	9999
Scan resolution: B/W (dpi)	600 x 600, 600 x 400
Scan resolution: Colour (dpi)	600 x 600
Print resolution (dpi)	600 x 600, 9600 x 600
Gradation: Colour (equivalent levels)	256
Gradation: B/W (equivalent levels)	2
Zoom range: Min. (%)	25
Zoom range: Max. (%)	400
Preset copy ratios	10
Scan method	Push scan, Pull scan

Finish

Output capacity: Min. (sheets)	500
Output capacity: Max. (sheets)	3250
Staple capacity: Max. (sheets)	65
Saddle stitch	Opt.
Off-set shifting	Std.
Hole punch	Opt.
Folding	Opt.

Toner Yield

Black (pages at 6% coverage)	40000
------------------------------	-------

[1] PDF/A-1a, Searchable PDF, OOXML (pptx, xlsx, docx), TXT (UTF-8), RTF require MX-EB20. Compact PDF requires MX-EB19.

