

A3 Colour Photocopiers

# Sharp BP-51C45

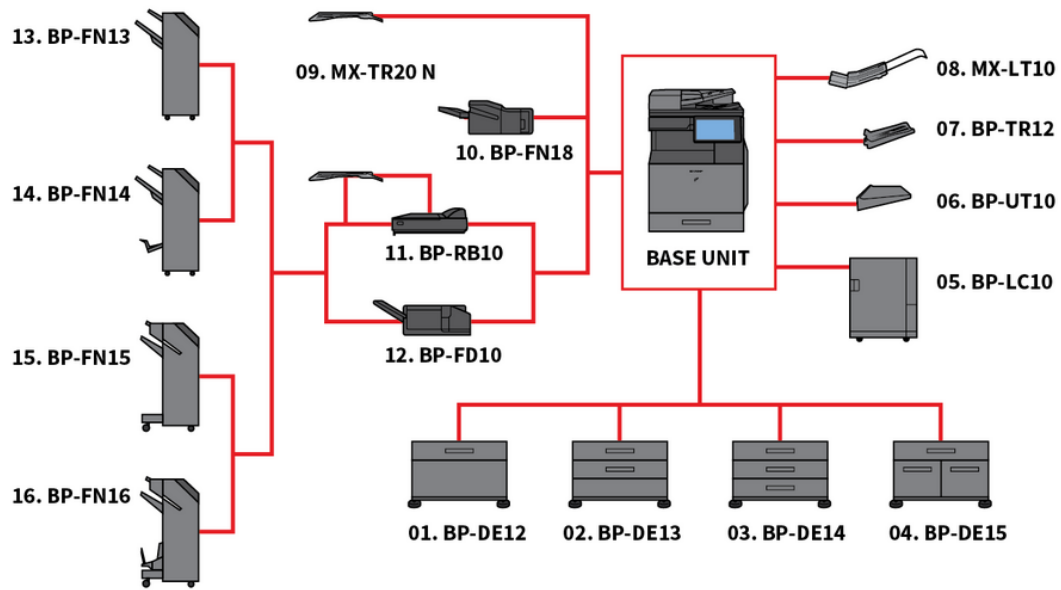


A smart A3 colour MFP with multi-layered security features and advanced environmental credentials, perfect for any modern office.

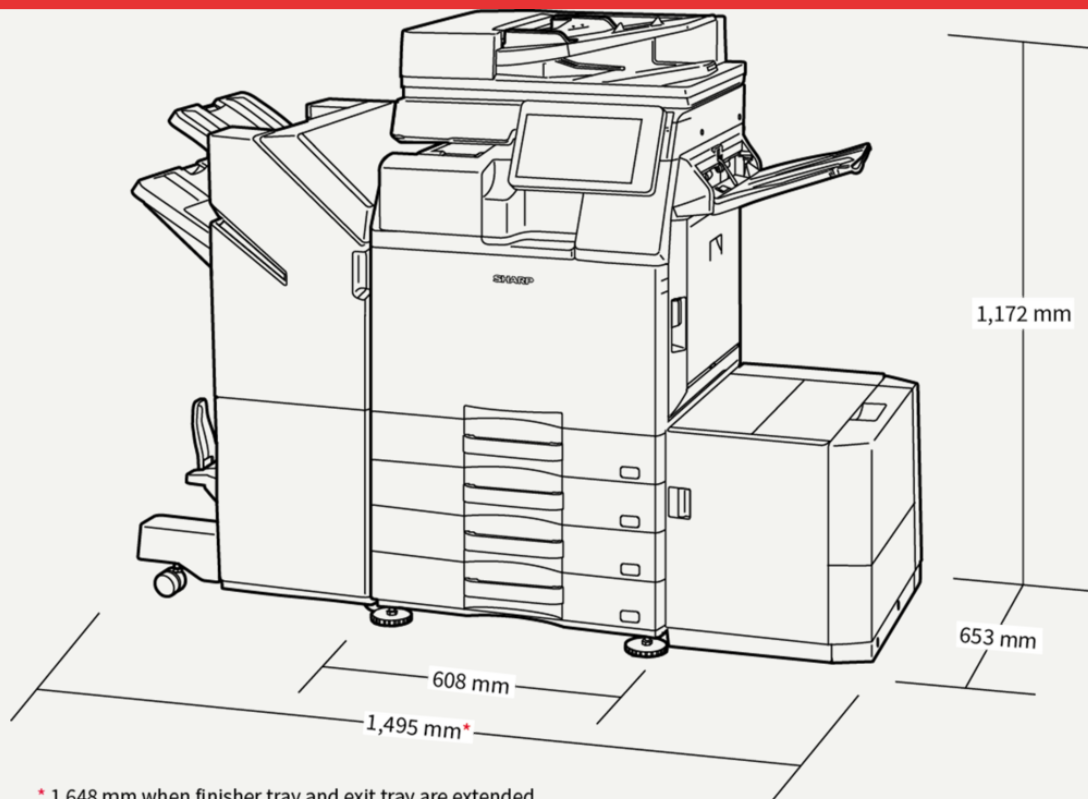
- 45ppm A3 colour MFP with seamless integration and connection to cloud based business process applications
- Multi-layered security features include automatic BIOS recovery if anomalies are detected during start-up and standard Trusted Platform Module to keep your confidential data secure
- Collaborate with ease using the Microsoft® Teams connector to print from or scan to your Microsoft® Teams channels directly from the MFP control panel<sup>[1]</sup>
- Keep your data, device and network secure with optional Bitdefender anti-malware protection software<sup>[2]</sup>
- Bring more flexibility to your print output with an extensive range of finishing options including 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/m<sup>2</sup>), A4-B5 (60-220 g/m<sup>2</sup>)

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

550 sheets each for lower and upper trays (based on 80 g/m<sup>2</sup>), SRA3-A5R (60-300 g/m<sup>2</sup>)

### 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/m<sup>2</sup>), SRA3-A5R (60-300 g/m<sup>2</sup>)

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

Upper tray: SRA3-A5R, 550 sheets\* (60-300 g/m<sup>2</sup>); Lower tray (Left): A4, 1,200 sheets\* (60-105 g/m<sup>2</sup>); Lower tray (Right): A4 - B5, 900 sheets\* (60-105 g/m<sup>2</sup>); \* Number of sheets based on 80 g/m<sup>2</sup>

### BP-DE12 Stand with 550-sheet Paper Drawer

550 sheets (based on 80 g/m<sup>2</sup>), SRA3-A5R (60-300 g/m<sup>2</sup>)

## 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/m<sup>2</sup>); Stapling capacity: max. 50-sheet multi-position staple (based on 80 g/m<sup>2</sup>); 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/m<sup>2</sup>); Stapling capacity: max. 50-sheet multi-position staple (based on 80 g/m<sup>2</sup>); Requires BP-RB10 Paper Pass Unit

### BP-FD10 Folding Unit

200 sheets (based on 80 g/m<sup>2</sup>), A3, B4, A4R (Z-fold, half fold), A3, A4R (C-Fold, Accordion fold), 60-256 g/m<sup>2</sup>

### MX-PN16C Punch Module - 2/4 Hole

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

### 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/m<sup>2</sup>); Stapling capacity: max. 65-sheet multi-position staple (based on 80 g/m<sup>2</sup>); Manual Stapling: 1-point at rear (Flat), 45 sheets (64 g/m<sup>2</sup>), 40 sheets (80 g/m<sup>2</sup>); Stapleless capacity: max. 10-sheet (64 g/m<sup>2</sup>), 8 sheet (65 - 81.4 g/m<sup>2</sup>), 6 sheet (81.5 - 105 g/m<sup>2</sup>); 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

### 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/m<sup>2</sup>); Stapling capacity: max. 65-sheet multi-position staple (based on 80 g/m<sup>2</sup>); Manual Stapling: 1-point at rear (Flat), 45 sheets (64 g/m<sup>2</sup>), 40 sheets (80 g/m<sup>2</sup>); Stapleless capacity: max. 10-sheet (64 g/m<sup>2</sup>), 8 sheet (65 - 81.4 g/m<sup>2</sup>), 6 sheet (81.5 - 105 g/m<sup>2</sup>); 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/m<sup>2</sup>), 40 sheets (80 g/m<sup>2</sup>); Stapleless capacity: max. 10-sheet (64 g/m<sup>2</sup>), 8 sheet (65 - 81.4 g/m<sup>2</sup>), 6 sheet (81.5 - 105 g/m<sup>2</sup>)

# Specifications

## General

|                                         |      |
|-----------------------------------------|------|
| Engine speed: A4 Colour (ppm)           | 45   |
| Engine speed: A4 B/W (ppm)              | 45   |
| Engine speed: A3 Colour (ppm)           | 23   |
| Engine speed: A3 B/W (ppm)              | 23   |
| Paper size: Min.                        | A6R  |
| Paper size: Max.                        | SRA3 |
| Paper weight: Min. (g/m <sup>2</sup> )  | 52   |
| Paper weight: Max. (g/m <sup>2</sup> )  | 300  |
| Paper capacity: Std. (sheets)           | 650  |
| Paper capacity: Max. (sheets)           | 6300 |
| Warm-up time (sec.)                     | 14   |
| 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 |
| Width (mm)                              | 608  |
| Depth (mm)                              | 653  |
| Height (mm)                             | 829  |
| Weight (kg)                             | 78   |
| 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 dpi  |
| Transmission resolution: Ultra Fine (dpi)  | 406.4 x 391 dpi   |
| 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 EAP/WPA3-mixed, PSK/SAE, WPA3 SAE, WPA2/WPA3-mixed, EAP, WPA3 EAP |

## File

|                 |                                     |
|-----------------|-------------------------------------|
| Document filing | Std.                                |
| Stored jobs     | Copy, Print, Scan, Fax transmission |
| Storage folders | Quick file, Main, Custom            |

## Print

|                    |                                                                                                                                                                                          |
|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Network printer    | Std.                                                                                                                                                                                     |
| Resolution (dpi)   | 1200 x 1200, 600 x 600, 9600 x 600                                                                                                                                                       |
| Interface: Std.    | USB 2.0, USB 3.0, 10Base-T, 100Base-TX, 1000Base-T                                                                                                                                       |
| Supported OS: Std. | Windows 10, Windows 11, Windows Server 2016, Windows Server 2019, Windows Server 2022, Windows Server 2025, 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 (IPv4, IPv6)                                                                                                                                                                      |
| Printing protocols | LPR, Raw TCP (port 9100), POP3 (e-mail printing), HTTP, FPT for downloading print files, IPP, SMB, WSD                                                                                   |
| Available Fonts    | 80 PCL, 139 PostScript 3                                                                                                                                                                 |

## Copy

|                                       |                                    |
|---------------------------------------|------------------------------------|
| Original paper size: Max.             | A3                                 |
| First copy out time: Colour (sec.)    | 6.5                                |
| First copy out time: B/W (sec.)       | 4.6                                |
| E-sort                                | Opt.                               |
| 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)                | 1200 x 1200, 600 x 600, 9600 x 600 |
| Gradation: Colour (equivalent levels) | 256                                |
| Zoom range: Min. (%)                  | 25                                 |
| Zoom range: Max. (%)                  | 400                                |
| Preset copy ratios                    | 10                                 |
| Scan method                           | Push scan, Pull scan               |

## 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                                                                  |
| File formats: Std.         | TIFF, PDF, JPEG, PDF/A-1b, Encrypted PDF, XPS                                                              |
| File formats: Opt.         | Rich Text (RFT), Searchable PDF, PDF/A-1a, Compact PDF, Text (TXT), Office Open XML (pptx, xlsx, docx) [1] |
| Scan destinations          | Desktop, FTP, Email, Network folder, USB                                                                   |

## 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. |

## Toner Yield

|                                |       |
|--------------------------------|-------|
| Black (pages at 5% coverage)   | 40000 |
| Cyan (pages at 5% coverage)    | 24000 |
| Magenta (pages at 5% coverage) | 24000 |
| Yellow (pages at 5% coverage)  | 24000 |

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

