

SHARP

31
PPM

BP-51C31

Digital Full Colour Multifunctional System



Beyond smart work

Unified Cloud Connection (option)

From the MFP's control panel, you can upload to or print from various cloud-based services. Apps for these services can be installed on the MFP via Sharp's Application Portal, and update alerts ensure that you're always using the latest versions. Single sign-on gives you easy access to your chosen cloud services—no need to re-enter credentials each time you reconnect to the same service. The MFP also supports Microsoft Entra ID, a secure cloud-based service for managing identities & controlling device access.

Solid Security

The MFP has multiple levels of security to keep the device—and your precious data—secure. When booting up, the MFP checks for any anomalies in the BIOS firmware. If it finds a problem, it aborts the startup and launches an automatic BIOS recovery. If there are other firmware-related issues, the MFP will attempt recovery to protect the system.

Link Mobile Devices

Mobile devices installed with the Sharpdesk Mobile application can connect directly to the MFP for printing or downloading scanned data. The MFP also supports AirPrint (option) and the Sharp Print Service Plugin (option). It's a smoother way to get the job done.

All the Needed Finishing Options

The MFP meets all common office needs with a variety of finishing options—from stapling to punching to folding. You get seamless output from printing to finishing.

Online Firmware Updates

The MFP's firmware can be automatically updated—without the need for service operation—via a firmware update service. That way you're always using the latest system for your MFP.

Eco-friendly Design

Sharp has applied its advanced eco technologies across all areas of the MFP. Designed for energy efficiency, the MFP boasts an impressively low ENERGY STAR® TEC value. The MFP's main body is made from approximately 50% recycled plastic, and its packaging uses recyclable paper-based materials instead of polystyrene foam.

10.1-inch Full-flat Touchscreen

With a variety of functions accessible via simple, intuitive icons, MFP operation is smooth and easy. The control panel shows the state of your MFP, displaying current operation and notifications for things like paper, toner, and maintenance.

Speedy RSPF

The RSPF (reversing single pass feeder) efficiently feeds in either one- or two-sided originals—in batches of up to 100 sheets. With scanning speeds of up to 80 opm* (one-sided), the MFP can complete large jobs with ease and efficiency.

Smart Scanning

Simply tap the Auto Set button and the MFP will automatically determine the optimal resolution, gradation, and compression rate for your scan jobs. It also automatically reorients pages right side up (option) and corrects any skewed sheets.

My Folder Print

With the My Folder Print feature, print jobs are saved on the MFP in a personal folder that's like a private mailbox. A folder is created automatically based on information from the PC that sent the print job. Before printing out a document, you can preview print data at the MFP's control panel and avoid printing errors or mix-ups.

*Originals per minute; when feeding A4 sheets.

Professional Quality in-line **Finishing Options**

A range of finishing options work to automate time-consuming finishing tasks. Options are available to suit a variety of workplaces.

BP-FD10 Folding Unit	BP-FN18 Finisher	BP-FN14 Saddle Stitch Finisher	BP-FN14 Saddle Stitch Finisher + BP-FD10 Folding Unit	BP-FN16 Saddle Stitch Finisher	BP-FN16 Saddle Stitch Finisher + BP-FD10 Folding Unit
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Features	Stapling	-	✓	✓	✓	✓	✓
	Stapleless stapling	-	✓	-	-	✓	✓
	Manual stapling	-	✓	-	-	✓	✓
	Punching* ¹	-	✓	✓	✓	✓	✓
	Saddle folding	-	-	✓	✓	✓	✓
	Saddle stitching	-	-	✓	✓	✓	✓
	Half-folding	✓	-	-	✓	-	✓
	Z-folding	✓	-	-	✓	-	✓
	Z-folding + stapling	-	-	-	-	-	✓
	C-folding	✓	-	-	✓	-	✓
	Accordion folding	✓	-	-	✓	-	✓

Paper Cap.* ²	Finisher trays* ³	-	500 sheets	1,250 sheets	1,250 sheets	3,250 sheets	3,250 sheets
	Folding unit trays	200 sheets	-	-	100 sheets	-	100 sheets

*¹: Requires optional punch module. *²: A4, 80 g/m². *³: Max. paper capacity of the finisher including the top tray.

Stapling

Punching

Stapleless Stapling

Saddle folding / stitching

Folding

System Configuration

MX-PN14B/C/D
Punch Module (for BP-FN18)

MX-PN15B/C/D
Punch Module (for FN14)

MX-PN16B/C/D
Punch Module (for FN16)

MX-PK13
PS3 Expansion Kit

MX-PU10
Direct Print Expansion Kit

MX-PF10
Barcode Font Kit

BP-FX11
Fax Expansion Kit

MX-FW11
Internet Fax Expansion Kit

MX-AMX1
Application Integration Module

BP-AM10
Application Communication Module

BP-AM11
External Account Module

BP-EB10
Wireless Connection Adaptor

MX-EB19
Enhanced Compression Kit

MX-EB20
OCR Expansion Kit

BP-SD10
High Capacity SSD

BP-FR12U
Data Security Kit

BP-VD10
Virus Detection Kit

*¹: Minimum required equipment.

*²: Requires BP-/DE13/DE14/DE15.

*³: 100 sheets when using the folding unit together with the BP-/FN14/FN16.

Specifications for Optional Equipment

MX-TR20 N Job Separator Tray

Paper size	SRA3 - A6 ^{*1*2}
Paper capacity	100 sheets

BP-TR12 Exit Tray Unit

Paper size	SRA3 - A6 ^{*1*2}
Paper capacity	120 sheets

BP-FN18 Finisher

Paper size	Non offset	SRA3 - A6 ^{*1*2}
	Offset/staple	A3 - B5 ^{*3}
	Stapleless stape	A3 - B5 ^{*4*3}
Paper capacity	Non-offset	500 sheets (A4, B5, A5) 250 sheets (SRA3, A3W, SRA4, A3, B4, A6 ^{*1})
	Offset staple	500 sheets (A4, B5 ^{*2}) 250 sheets (A3, B4) 30 sets or 500 sheets (A4, B5 ^{*3}) 30 sets or 250 sheets (A3, B4)
	Stapleless staple	30 sets
Stapling capacity	Staple	50 sheets (A4, B5 ^{*3}) 30 sheets (A3, B4)
	Stapleless staple	10 sheets ^{*5} (A4 ^{*3} , B5 ^{*3}) 5 sheets ^{*6} (A3, B4)
	Manual staple	Total paper thickness 4mm or less (40 sheets)
Staple position	Staple mode	3 locations (front, rear, or 2-point)
	Stapleless staple mode	1 location (rear)
	Manual stapleless mode	1 location

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

Paper size	Upper and lower tray	SRA3 - A5 ^{*1*2}
Paper capacity	Upper and lower tray	550 sheets each

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

Paper size	Upper, middle and lower tray	SRA3 - A5 ^{*1*2}
Paper capacity	Upper, middle and lower tray	550 sheets each

BP-FN14 Saddle Stitch Finisher

Paper size	Non offset	SRA3 - A6 ^{*1*2}
	Offset	A3W - A5 ^{*2}
	Staple	A3W - B5 ^{*1}
Paper capacity	Finisher tray (Non-offset)	1,000 sheets (A4 ^{*3}) 500 sheets (SRA3, A3W, SRA4, A3, B4, A4 ^{*1} , B5, A5, A6 ^{*1})
	(Offset)	1,000 sheets (A4 ^{*3}) 50 sets or 500 sheets (A3W, A3, B4, A4 ^{*1} , B5)
	(Staple)	100 sets or 1,000 sheets (A4 ^{*3}) 50 sets or 500 sheets (A3W, A3, B4, A4 ^{*1} , B5)
	Top tray	250 sheets (A4, B5, A5, A6 ^{*1}) 50 sheets (SRA3, A3W, SRA4, A3, B4)
	Saddle stitch tray	7 sets of 11–15 sheets, 10 sets of 6–10 sheets, 20 sets of 1–5 sheets
Stapling capacity		50 sheets (A4, B5), 30 sheets (A3W, A3, B4)
Staple position		3 locations (front, rear, or 2-point stapling)

BP-FN16 Saddle Stitch Finisher

Paper size	Non offset	SRA3 - A6 ^{*1*2}
	Offset/staple	A3 - B5 ^{*3}
	Stapleless stape	A3, A4 ^{*3}
Paper capacity	Finisher tray (non-offset)	3,000 sheets (A4 ^{*3} , B5 ^{*3}) 1,500 sheets (SRA3, A3W, SRA4, A3, B4, A4 ^{*1} , B5 ^{*1} , A5) 750 sheets (A6 ^{*1})
	(Offset)	3,000 sheets (A4 ^{*3} , B5 ^{*3}) 1,500 sheets (A3, B4, A4 ^{*1})
	(Staple)	200 sets/3,000 sheets (A4 ^{*3} , B5 ^{*3}) 100 sets/1,500 sheets (A3, B4, A4 ^{*1})
	(Stapleless staple)	200 sets (A4 ^{*3}), 100 sets (A3)
	Top tray	250 sheets (A4 ^{*3} , B5 ^{*3} , A5) 125 sheets (SRA3, A3W, SRA4, A3, B4, A4 ^{*1} , B5 ^{*1})
Stapling capacity	Saddle stitch tray	10 sets of 11–20 sheets, 15 sets of 6–10 sheets, 25 sets of 1–5 sheets
	Staple	65 sheets (A4 ^{*3} , B5 ^{*3}), 30 sheets (A3, B4, A4 ^{*1})
	Stapleless staple	10 sheets ^{*5} (A4 ^{*3}), 5 sheets ^{*5} (A3)
Staple position	Manual staple	Total paper thickness 9mm or less (65 sheets)
	Staple mode	3 locations (front, rear, or 2-point)
	Stapleless staple mode	1 location (rear)
	Manual stapleless mode	1 location

Punch Modules

Model name	BP-FN18	MX-PN14B ^{*7}	MX-PN14C ^{*8}	MX-PN14D
	BP-FN14	MX-PN15B ^{*7}	MX-PN15C ^{*8}	MX-PN15D
	BP-FN16	MX-PN16B ^{*7}	MX-PN16C ^{*8}	MX-PN16D
Number of holes		2 or 3	2 or 4	4 (wide)

BP-FD10 Folding Unit

Folding mode		Z-fold, C-fold, Accordion fold, Half fold
Paper size	Z-/Half-fold	A3, B4, A4 ^{*1}
	C-/Accordion	A3, A4 ^{*1}
Paper capacity	Not folded	200 sheets
	Folded	20 sheets ^{*9}

BP-DE15 Stand with 550 + 2,100-sheet Paper Drawer

Paper size	Upper tray	SRA3 - A5 ^{*1*2}
	Lower right tray	A4 ^{*3} , B5 ^{*3}
	Lower left tray	A4 ^{*3}
Paper capacity	Upper tray	550 sheets
	Lower right tray	900 sheets
	Lower left tray	1,200 sheets

BP-LC10 Large Capacity Tray

Paper size	A4 ^{*3} , B5 ^{*3}
Paper capacity	3,000 sheets

MX-LT10 Long Paper Feeding Tray

Paper size	Width	90 to 320mm
	Length	458 to 1,300mm
Paper capacity		1 sheet

Note: All specifications relating to paper capacity refer to 80 g/m2 paper. ***1:** Short-edge feeding. ***2:** Short-edge feeding for 7 1/4" x 10 1/2" and 5 1/2" x 8 1/2" paper. ***3:** Long-edge feeding. ***4:** Long-edge feeding for A4 and B5 paper. ***5:** Guaranteed stapleable weight is up to 64 g/m2 (8 sheets up to 81.4 g/m2 and 6 sheets up to 105 g/m2). ***6:** Guaranteed stapleable weight is up to 64 g/m2 (4 sheets up to 81.4 g/m2 and 3 sheets up to 105 g/m2). ***7:** Accepts North American paper sizes. ***8:** Accepts ISO-standard paper sizes. ***9:** When used with a finisher, 30 Z- or half-folded sheets (A3 and B4). These sheets are ejected from the finisher.

Specifications

General

Type	Desktop
Engine speed	A4 ^{*1} : Max. 31 ppm, A3: Max. 16 ppm & SRA3: Max. 14 ppm
Control panel display size	10.1-inch colour LCD touchscreen
Paper size	Max. SRA3, min. A6 ^{*2}
Paper capacity (80g/m ²)	Standard: 650 sheets (550-sheet tray and 100-sheet bypass tray), Maximum: 6,300 sheets (650 sheets & optional 550 + 2,100-sheet tray and 3,000-sheet tray)
Paper weight	Tray: 60 g/m ² to 300 g/m ² Bypass tray: 52 g/m ² ^{*3} to 300 g/m ²
Warm up time ^{*4}	16 sec. ^{*5}
Memory	Standard: 5 GB (copy/print shared)
Storage	128 GB SSD ^{*6} Option: 512 GB ^{*6*}
Power requirements	Rated local AC voltage ±10%, 50/60 Hz
Power consumption	Max. 1.84 kW (220 V to 240 V)
Dimensions (W x D x H) ^{*9}	608 x 653 x 829 mm
Weight (approx.) ^{*9}	78 kg

Copier

Original paper size	Max. A3
First copy time ^{*14}	Colour: 7.6 sec. - B/W: 5.6 sec.
Continuous copy	Max. 9,999 copies
Resolution	Scan (colour): 600 x 600 dpi Scan (B/W): 600 x 600 dpi, 600 x 400 dpi, 600 x 300 dpi - Print (colour): 600 x 600 dpi, 9,600 (equivalent) x 600 dpi (depending on copy mode), Print (B/W): 1,200 x 1,200 dpi, 600 x 600 dpi, 9,600 (equivalent) x 600 dpi (depend- ing on copy mode)
Graduation	Equivalent to 256 levels
Zoom range	25% to 400% (25% to 400% using RSPF) in 1% incre- ments
Preset copy ratios	10 ratios (5R/5E)

Scanner

Scan method	Push scan (via control panel) Pull scan (TWAIN-compliant application)
Scan speed ^{*14} (colour & B/W) Resolution	Colour & B/W: Max. 80 originals/min. Push scan: 100, 150, 200, 300, 400, 600 dpi Pull scan: 75, 100, 150, 200, 300, 400, 600 dpi 50 dpi to 9,600 dpi via user setting ^{*12}
File formats	TIFF, PDF, PDF/A-1a ^{*13} , PDF/A-1b, encrypted PDF, XPS, compact PDF ^{*14*} , JPEG ^{*14} , searchable PDF ^{*13} , OOXML (pptx, xlsx, docx) ^{*13} , text (TXT [UTF-8]) ^{*13} , rich text (RTF) ^{*13}
Scan destinations	Email/desktop ^{*15} /FTP server/network folder (SMB)/USB drive/local drive

Document Filing

Document filing capacity ^{*17}	[Standard] Main and custom folders: Max. 5,000 pages or 500 files Quick file folder: Max. 5,000 pages/500 files [Option] Main and custom folders: Max. 20,000 pages or 3,000 files Quick file folder: Max. 10,000 pages or 1,000 files
Stored jobs ^{*18}	Copy, print, scan, fax
Storage folders	Quick file folder, main folder, custom folder (max. 1,000 folders)

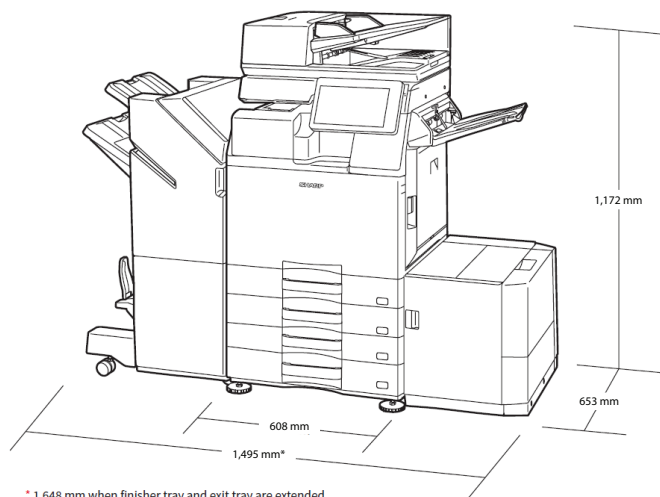
Printer

Resolution interface	1,200 x 1,200 dpi, 600 x 600 dpi, 9,600 (equivalent) x 600 dpi USB 2.0 (host, high-speed), USB 3.0 (host, super speed), 10Base-T/100Base-TX/1000Base-T, wireless LAN (IEEE 802.11 a/b/g/n/ac) ^{*19}
Supported OS ^{*20}	Windows Server 2016, Windows Server 2019, Windows Server 2022, Windows Server 2025, Windows 11, Mac OS 10.15, 11, 12, 13, 14, 15
Network protocols	TCP/IP
Printing protocols	LPR, Raw TCP (port 9100), POP3 (email printing), HTTP, FTP for downloading print files, IPP, SMB, WSD
PDL	Standard: PCL 6 emulation Option: Adobe PostScript 3
Available fonts	80 fonts for PCL, 139 fonts for Adobe PostScript 3

Facsimile (requires optional BP-FX11)

Compression method	MH/MR/MMR/JBIG
Communication protocol	Super G3/G3
Transmission time	Less than 3 seconds ^{*21}
Modem speed	33,600 bps to 2,400 bps with auto-fallback
Transmission resolution	From Standard (203.2 x 97.8 dpi) to Ultra Fine (406.4 x 391 dpi)
Recording size	A3 to A5
Memory	4 GB (built-in)
Greyscale levels	Equivalent to 256 levels

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^{*1}: Long-edge feeding. ^{*2}: Only short-edge feeding can be used with A6 and 5 1/2" x 8 1/2" paper. ^{*3}: Only A4 size for paper weighing 52 to 55 g/m². Recommended for use in a standard environment (21 to 25°C, 50% ±10% RH). ^{*4}: In a standard measurement environment. May vary depending on operating conditions and environment. ^{*5}: When starting the MFP via the power button. 29 seconds when starting via the main power switch. ^{*6}: Storage capacity depends on procurement and sourcing status. ^{*7}: Replacing the standard-equipped SSD with the optional BP-SD10 increases storage capacity to 512 GB. ^{*8}: Including protuberances. ^{*9}: Including the Exit Tray Cabinet. ^{*10}: Long-edge feeding of A4 (8 1/2" x 11") sheets from 1st paper tray, using document glass, without Auto Colour Selection and Auto Colour mode, MFP in fully ready condition. May vary depending on operating conditions and environment. ^{*11}: Based on Sharp's A4 standard chart, using document feeder, long-edge feeding, and one-sided scanning. Using factory default settings with Auto Colour Selection off. Scan speed will vary depending on the type of document and the scan settings. ^{*12}: Resolution will vary depending on the size of the scanned area. ^{*13}: Requires optional MX-EB20/EB20L. ^{*14}: Colour/greyscale only. ^{*15}: Requires optional MX-EB19/EB19L. ^{*16}: Requires Network Scanner Tool Lite. ^{*17}: Storage capacity will vary depending on the type of document and the scan settings. ^{*18}: Some features require optional equipment. ^{*19}: Requires optional BP-EB10. Availability of this option varies by country/region. ^{*20}: Mac OS requires optional MX-PK13/PK13L. ^{*21}: Based on Sharp's standard chart with approx. 700 characters (A4 or 8 1/2" x 11" long-edge feeding) at standard resolution in Super G3 mode, 33,600 bps, JBIG compression.