

# Be Original.

Digital Multifunctional System

# Future-proof the way you work



# smart business partner

#### Unified Cloud Connection\*1

You only need to sign in once to connect to multiple cloud services, such as Microsoft Teams, from the MFP. Applications can also be easily downloaded from the cloud. Updates are clearly displayed, so you're always using the latest version of services.

# **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. If there are other firmware-related issues, the MFP will attempt recovery to protect the system. You can also install optional software to prevent attacks on devices connected to the MFP.

#### **Link Mobile Devices**

Mobile devices installed with the Sharpdesk Mobile application\*2 can connect directly to the MFP for printing or downloading scanned data. The MFP can also be equipped with AirPrint and the Sharp Print Service Plugin. It's a smoother way to get the job done.

#### Wireless LAN Connection\*1

The MFP works with the 5 GHz band. This ensures minimal radio interference and stable high-speed communications. The MFP also supports Wi-Fi Protected Setup™. This makes it easy to connect the MFP to a secure wireless LAN without having to enter an SSID and security key.

# **All the Needed Finishing Options**

The MFP meets all common office needs with a variety of finishing options. Its folding unit handles various types of folds without taking up much space—it attaches to the MFP's paper output section. You get seamless output from printing to finishing.

#### 10.1-Inch Full-Flat Touchscreen

With a variety of functions accessible via simple, intuitive icons, MFP operation is smooth and easy.

# **On-Screen System Information**

The control panel shows the state of your MFP, displaying current operation and notifications for things like paper, toner, and maintenance.

# **High-Performance DSPF**

The DSPF (duplex single pass feeder) scans both pages of two-sided documents in one pass—in batches of up to 300 sheets. With scanning speeds of up to 280 opm\*3 (two-sided), the MFP is quick to finish even large jobs. A dedicated business card feeder on the DSPF scans batches of up to 150 cards.

# **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 and corrects any skewed sheets.

# **Eco-Friendly Design**

Despite its many functions, this MFP achieves superb energy efficiency. For example, the use of low-temperature-fusing toner results in vastly reduced energy consumption for the MFP.

# **Remote Firmware Updates**

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

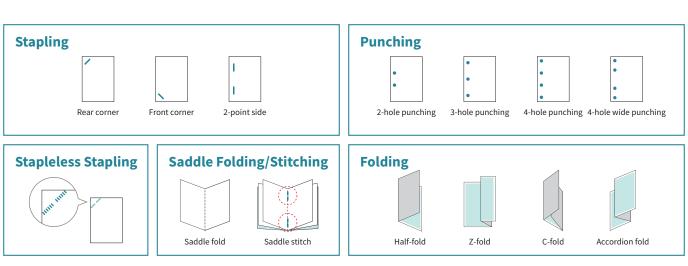
<sup>\*1:</sup> In some countries/regions, optional equipment is required. \*2: Availability varies by country/region. \*3: Originals per minute; when feeding A4 (8 ½ "x 11") sheets.

## PROFESSIONAL-QUALITY IN-LINE FINISHING OPTIONS

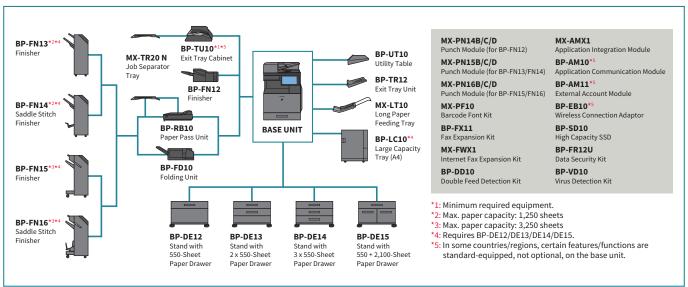
A range of finishing options work to automate time-consuming finishing tasks. Options are available to suit a variety of workplaces and applications.

		BP-FD10 Folding Unit	BP-FN12 Finisher	BP-FN13 Finisher	BP-FN13 Finisher	BP-FN14 Saddle Stitch Finisher	BP-FN14 Saddle Stitch Finisher	BP-FN15 Finisher	BP-FN15 Finisher	BP-FN16 Saddle Stitch Finisher	BP-FN16 Saddle Stitch Finisher
					+		+		+		+
					BP-FD10 Folding Unit		BP-FD10 Folding Unit		BP-FD10 Folding Unit		BP-FD10 Folding Unit
Features	Stapling		✓	✓	✓	✓	✓	✓	✓	✓	✓
	Stapleless stapling		✓					✓	✓	✓	✓
	Manual stapling		✓					✓	✓	✓	✓
	Punching*1		✓	✓	✓	✓	✓	✓	✓	✓	✓
	Saddle folding					✓	✓			✓	✓
	Saddle stitching					✓	✓			✓	✓
	Half-folding	✓			✓		✓		✓		✓
	Z-folding	✓			✓		✓		✓		✓
	Z-folding + Stapling								✓		✓
	C-folding	✓			✓		✓		✓		✓
	Accordion folding	✓			✓		✓		✓		✓
Paper capacity*2	Finisher trays*3	-	500 sheets	1,250 sheets	1,250 sheets	1,250 sheets	1,250 sheets	3,250 sheets	3,250 sheets	3,250 sheets	3,250 sheets
	Folding unit tray	200 sheets	-	-	100 sheets	-	100 sheets	-	100 sheets	-	100 sheets

<sup>\*1:</sup> Requires optional punch module. \*2: A4 (8 ½" x 11"), 80 g/m². \*3: Max. paper capacity of the finisher including the top tray.



#### SYSTEM CONFIGURATION



## SPECIFICATIONS FOR OPTIONAL EQUIPMENT

#### **MX-TR20 N Job Separator Tray**

Paper size	A3W to A6*1 (12" x 18" to 5 1/2" x 8 1/2" *2)
Paper capacity	100 sheets

#### **BP-TR12** Exit Tray Unit

Paper size	A3W to A6*1 (12" x 18" to 5 1/2" x 8 1/2" *2)
Paper capacity	120 sheets

#### **BP-FN12 Finisher**

Paper size	Non offset	A3W to A6*1 (12" x 18" to 5 1/2" x 8 1/2"*2)
	Offset/staple	A3 to B5*3 (11" x 17" to 8 1/2" x 11")
	Stapleless staple	A3 to B5*4 (11" x 17", 8 1/2" x 11"*3)
Paper capacity	Non offset	500 sheets (A4, B5, A5)
		250 sheets (A3W, A3, B4, A6*1)
	Offset	500 sheets (A4, B5*3), 250 sheets (A3, B4)
	Staple	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 4 mm or less (40 sheets)
Staple position	Staple mode	3 locations (front, rear, or 2-point stapling)
	Stapleless staple mode	1 location (rear)
	Manual staple mode	1 location

#### **BP-FN13 Finisher**

DI 11423111	1131101	
Paper size	Non offset	A3W to A6*1 (12" x 18" to 5 1/2" x 8 1/2"*2)
	Offset	A3W to A5 (12" x 18" to 5 1/2" x 8 1/2" *2)
	Staple	A3W to B5 (12" x 18" to 7 1/4" x 10 1/2"*1)
Paper capacity	y Finisher tray (Non offset)	1,000 sheets (A4*3)
		500 sheets (A3W, A3, B4, A4*1, B5, A5, A6*1)
	(Offset)	1,000 sheets (A4*3)
		500 sheets (A3W, A3, B4, A4*1, B5, A5)
	(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 (A3W, A3, B4)
Stapling capa	city	50 sheets (A4, B5), 30 sheets (A3W, A3, B4)
Staple positio	n	3 locations (front, rear, or 2-point stapling)

#### **BP-FN14 Saddle Stitch Finisher**

Paper size	Non offset	A3W to A6*1 (12" x 18" to 5 1/2" x 8 1/2"*2)
	Offset	A3W to A5 (12" x 18" to 5 1/2" x 8 1/2"*2)
	Staple	A3W to B5 (12" x 18" to 7 1/4" x 10 1/2"*1)
Paper capacity	Finisher tray (Non offset)	1,000 sheets (A4*3)
		500 sheets (A3W, A3, B4, A4*1, B5, A5, A6*1)
	(Offset)	1,000 sheets (A4*3)
		500 sheets (A3W, A3, B4, A4*1, B5, A5)
	(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 (A3W, A3, B4)
	Saddle stitch tray	7 sets of 11–15 sheets, 10 sets of 6–10 sheets,
		20 sets of 1–5 sheets
Stapling capaci	ity	50 sheets (A4, B5), 30 sheets (A3W, A3, B4)
Staple position		3 locations (front, rear, or 2-point stapling)

#### **BP-FN15** Finisher

Dr -1 MIS I IIII		
Paper size	Non offset	A3W to A6*1 (12" x 18" to 5 1/2" x 8 1/2"*2)
	Offset/staple	A3 to B5 $^{*3}$ (11" x 17" to 8 $^{1}/_{2}$ " x 11")
	Stapleless staple	A3, A4*3 (11" x 17", 8 1/2" x 11"*3)
Paper capacity	Finisher tray (Non offset)	3,000 sheets (A4*³, B5*³)
		1,500 sheets (A3W, 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 or 3,000 sheets (A4*3, B5*3)
		100 sets or 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 (A3W, A3, B4, A4*1, B5*1)
Stapling capacity	Staple	65 sheets (A4*3, B5*3), 30 sheets (A3, B4, A4*1)
	Stapleless staple	10 sheets*5 (A4*3), 5 sheets*6 (A3)
	Manual staple	Total paper thickness 9 mm or less (65 sheets)
Staple position	Staple mode	3 locations (front, rear, or 2-point stapling)
	Stapleless staple mode	1 location (rear)
	Manual staple mode	1 location

#### **BP-FN16 Saddle Stitch Finisher**

Paper size	Non offset	A3W to A6*1 (12" x 18" to 5 1/2" x 8 1/2"*2)
	Offset/staple	A3 to B5*3 (11" x 17" to 8 1/2" x 11")
	Stapleless staple	A3, A4*3 (11" x 17", 8 1/2" x 11"*3)
Paper capacity	Finisher tray (Non offset)	3,000 sheets (A4*3, B5*3)
		1,500 sheets (A3W, 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 or 3,000 sheets (A4*3, B5*3)
		100 sets or 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 (A3W, A3, B4, A4*1, B5*1)
	Saddle stitch tray	10 sets of 11–20 sheets, 15 sets of 6–10 sheets,
		25 sets of 1–5 sheets
Stapling capacity	Staple	65 sheets (A4*3, B5*3), 30 sheets (A3, B4, A4*1)
	Stapleless staple	10 sheets*5 (A4*3), 5 sheets*6 (A3)
	Manual staple	Total paper thickness 9 mm or less (65 sheets)
Staple position	Staple mode	3 locations (front, rear, or 2-point stapling)
	Stapleless staple mode	1 location (rear)
	Manual staple mode	1 location

#### **Punch Modules**

Model name	For BP-FN12	MX-PN14B*7	MX-PN14C*8	MX-PN14D
	For BP-FN13/FN14	MX-PN15B*7	MX-PN15C*8	MX-PN15D
	For BP-FN15/FN16	MX-PN16B*7	MX-PN16C*8	MX-PN16D
Number of holes		2 or 3	2 or 4	4 (wide)
Paper weight		55 to 256 g/m <sup>2</sup> * <sup>9</sup>		

#### **BP-FD10** Folding Unit

	-	
Folding mode		Z-fold, C-fold, Accordion-fold, Half-fold
Paper size	Z-/Half-fold	A3, B4, A4*1
		$(11" \times 17", 8^{1}/2" \times 14", 8^{1}/2" \times 13^{2}/5", 8^{1}/2" \times 11"*1)$
	C-/Accordion-fold	A3, A4*1
		$(11" \times 17", 8  {}^{1}\!/{}_{2}" \times 14", 8  {}^{1}\!/{}_{2}" \times 13  {}^{2}\!/{}_{5}", 8  {}^{1}\!/{}_{2}" \times 11"  {}^{*1}\!)$
Paper capacity	Not folded	200 sheets
	Folded	20 sheets*10

#### **BP-DE12 Stand with 550-Sheet Paper Drawer**

Paper size	A3W to A5*1 (12" x 18" to 5 1/2" x 8 1/2"*2)
Paper capacity	550 sheets

#### **BP-DE13 Stand with 2 x 550-Sheet Paper Drawer**

Paper size	Upper and lower tray	A3W to A5*1 (12" x 18" to 5 1/2" x 8 1/2"*2)
Paper capacity	Upper and lower tray	550 sheets each

#### BP-DE14 Stand with 3 x 550-Sheet Paper Drawer

	<del>-</del>		
Paper size	Upper/middle/lower tray	A3W to A5 $^{*1}$ (12" x 18" to 5 $^{1}/_{2}$ " x 8 $^{1}/_{2}$ " $^{*2}$ )	
Paper capacity	Upper/middle/lower tray	550 sheets each	

#### **BP-DE15** Stand with 550 + 2,100-Sheet Paper Drawer

Paper size	Upper tray	A3W to A5*1 (12" x 18" to 5 1/2" x 8 1/2"*2)
	Lower right tray	A4*3, B5*3 (8 1/2" x 11"*3)
	Lower left tray	A4*3 (8 1/2" x 11"*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 (8 1/2" x 11"*3)
Paper capacity	3,000 sheets

#### **MX-LT10** Long Paper Feeding Tray

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

Note: All specifications relating to paper capacity refer to 80 g/m  $^{\!2}$  paper.

<sup>\*1:</sup> 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). \*T. Accepts North American paper sizes. \*8. Accepts ISO-standard paper sizes. \*9: Guaranteed punchable weight is 60 to 128 g/m². \*10: When used with a finisher, 30 Z- or half-folded sheets (A3 and B4). These sheets are ejected from the finisher.

#### **SPECIFICATIONS**

#### General

Desktop

A4 (8 1/2" x 11")\*1: Max. 65 ppm **Engine speed** 

A3 (11" x 17"): Max. 29 ppm A3W (12" x 18"): Max. 28 ppm

Control panel display 10.1-inch colour LCD touchscreen

Max. A3W (12" x 18"), min. A6 (5  $^{1}/_{2}$ " x 8  $^{1}/_{2}$ ")\*2 Paper size

Paper capacity Standard: 650 sheets

(80 g/m<sup>2</sup>) (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<sup>2</sup> to 300 g/m<sup>2</sup> (16 lbs bond to 110 lbs cover)

Bypass tray: 55 g/m<sup>2</sup> to 300 g/m<sup>2</sup> (13 lbs bond to 110 lbs cover)

15 sec.\*4 Warm-up time\*3

Standard: 5 GB (copy/print shared) 256 GB SSD\*5 Memory

Option: 512 GB\*

Rated local AC voltage ±10%, 50/60 Hz Power requirements Max. 1.84 kW (220 V to 240 V) Power consumption Dimensions (W x D x H)\*7

609 x 662 x 860 mm (23  $^{63}/_{64}$ " x 26  $^{5}/_{64}$ " x 33  $^{55}/_{64}$ ") 72 kg (158.8 lbs) Weight (approx.)\*

#### Copier

Original paper size Max. A3 (11" x 17") First copy time\*9 3.5 sec. Continuous copy Max. 9,999 copies

Resolution Scan: 600 x 600 dpi, 600 x 400 dpi, 600 x 300 dpi\*10

Print: 1,200 x 1,200 dpi, 600 x 600 dpi,

9,600 (equivalent) x 600 dpi (depending on copy mode)

Gradation Equivalent to 256 levels

25% to 400% (25% to 200% using DSPF) in 1% increments Zoom range

Preset copy ratios Metric: 10 ratios (5R/5E), inch: 8 ratios (4R/4E)

#### Scanner

File formats

Scan method Push scan (via control panel)

Pull scan (TWAIN-compliant application) Scan speed\*11 One-sided: Max. 140 originals/min. (colour & B/W) Two-sided: Max. 280 originals/min. Resolution 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 TIFF, PDF, PDF/A-1a, PDF/A-1b, encrypted PDF, XPS,

compact PDF\*13, JPEG\*13, searchable PDF, OOXML (pptx, xlsx, docx), text (TXT [UTF-8]), rich text (RTF)

Email/desktop\*14/FTP server/network folder (SMB)/ Scan destinations

USB drive/local drive

#### Document Filing

Document filing Main and custom folders: 20,000 pages or 3,000 files Quick file folder: 10,000 pages or 1,000 files capacity\*15

Stored jobs\*16 Copy, print, scan, fax

Storage folders Quick file folder, main folder, custom folder

(max. 1,000 folders)

#### Printer

Resolution 1,200 x 1,200 dpi, 600 x 600 dpi, 9,600 (equivalent) x 600 dpi

Interface 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)\*1

Supported OS Windows Server 2012, Windows Server 2012 R2, Windows Server 2016, Windows Server 2019,

Windows Server 2022, Windows 8.1, Windows 10, Windows 11,

Mac OS 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 (email printing), HTTP, FTP for downloading print files, IPP, IPP Everywhere, SMB,

WSD

PCL 6 emulation, Adobe PostScript 3 PDL

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 Less than 3 seconds\*18 Transmission time

33,600 bps to 2,400 bps with automatic fallback Modem speed

From Standard (203.2 x 97.8 dpi) to Transmission resolution

Ultra Fine (406.4 x 391 dpi)

Recording size A3 to A5 (11" x 17" to 5  $^{1}/_{2}$ " x 8  $^{1}/_{2}$ ")

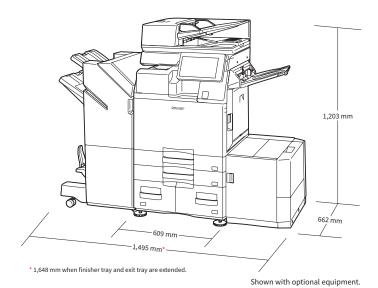
Memory 4 GB (built-in) **Greyscale levels** Equivalent to 256 levels

Design and specifications are subject to change without prior notice

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- Long-edge feeding.
- Only short-edge feeding can be used with A6 and 5 1/2" x 8 1/2" paper.
- In a standard measurement environment. May vary depending on operating conditions and
- When starting the MFP via the power button. 27 seconds when starting via the main power
- Storage capacity depends on procurement and sourcing status
- \*6: Replacing the standard-equipped SSD with the optional BP-SD10 increases storage capacity to 512 GB.
- Including protuberances
- Including the Exit Tray Cabinet.
- Long-edge feeding of A4 (8  $^{1}$ / $^{2}$ " x 11") sheets from 1st paper tray, using document glass, MFP in fully ready condition. May vary depending on operating conditions and environment.
- 10: Not available when using document glass.11: Based on Sharp's A4 standard chart, using document feeder, long-edge feeding, and factory default settings. 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: Colour/greyscale only.
  \*14: Requires Network Scanner Tool Lite.

- \*15: Storage capacity will vary depending on the type of document and the scan settings.
  \*16: Some features require optional equipment.
  \*17: In some countries/regions, the optional BP-EB10 is required. Availability of this option varies by
- \*18: Based on Sharp's standard chart with approx. 700 characters (A4 or 8 ½" x 11" long-edge feeding) at standard resolution in Super G3 mode, 33,600 bps, JBIG compression.



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