

# Be Original.



Digital Full Colour 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.

### **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.

# **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.

# **High Productivity**

The MFP delivers a fast output of 55 ppm\*3. And if toner runs out during a print job, the MFP continues printing your documents while you change the toner cartridge. Your productivity won't miss a beat.

### 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\*4 (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**

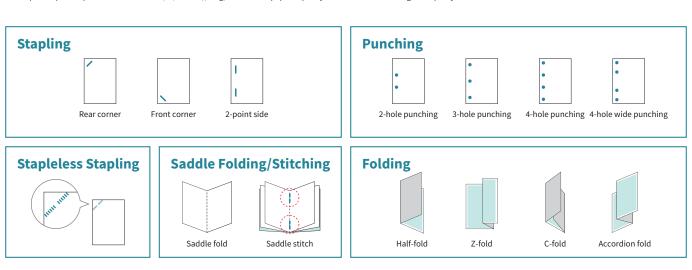
The MFP's firmware can be remotely updated—without the need for service operation—via a firmware update service. That way you're always using the latest system for your MFP.

## PROFESSIONAL-QUALITY IN-LINE FINISHING OPTIONS

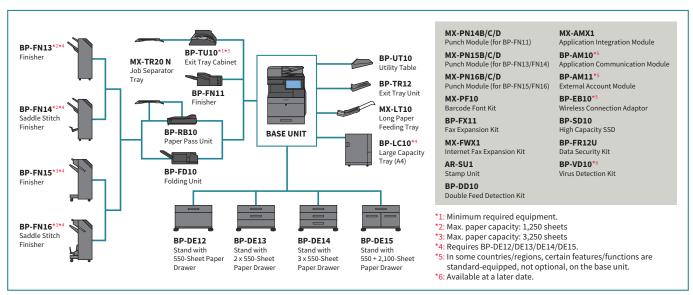
A range of finishing options work to automate time-consuming finishing tasks. Options are available to suit a variety of workplaces and applications.

		BP-FD10 Folding Unit	BP-FN11 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	<b>✓</b>			✓		✓		✓		✓
	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 1/2" 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	SRA3 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	SRA3 to A6*1 (12" x 18" to 5 1/2" x 8 1/2"*2)
Paper capacity	120 sheets

#### **BP-FN11** Finisher

Paper size	Non offset	SRA3 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 (SRA3, A3W, SRA4, 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**

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Paper size	Non offset	SRA3 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 capacit	y 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)
		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 (SRA3, A3W, SRA4, A3, B4)
Stapling capa	city	50 sheets (A4, B5), 30 sheets (A3W, A3, B4)
Staple position	n	3 locations (front, rear, or 2-point stapling)

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

Non offset	SRA3 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)
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)
	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 (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
ty	50 sheets (A4, B5), 30 sheets (A3W, A3, B4)
	3 locations (front, rear, or 2-point stapling)
	Offset Staple Finisher tray (Non offset) (Offset) (Staple)  Top tray Saddle stitch tray

### **BP-FN15** Finisher

Paper size	Non offset	SRA3 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 (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 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 (SRA3, A3W, SRA4, 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	SRA3 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 (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 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 (SRA3, A3W, SRA4, 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-FN11	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" x 17", 8 1/2" x 14", 8 1/2" x 13 2/5", 8 1/2" x 11"*1)
	C-/Accordion-fold	A3, A4*1
		(11" x 17", 8 ½" x 14", 8 ½" x 13 ½5", 8 ½" x 11"*1)
Paper capacity	Not folded	200 sheets
	Folded	20 sheets*10
Paper capacity	Not folded	(11" x 17", 8 ½" x 14", 8½" x 13½", 8½", 8½" x 11" 200 sheets

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

Paper size	SRA3 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	SRA3 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

Paper size	Upper/middle/lower tray	SRA3 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	SRA3 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  $80\,\mbox{g/m}^2$  paper.

- \*1: Short-edge feeding. \*2: Short-edge feeding for 7 \(^1/4\)" \(x \) 10 \(^1/2\)" \(x \) 8 \(^1/2\)" \(p \) apper. 
  \*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

Paper weight

Desktop

A4 (8 1/2" x 11")\*1: Max. 55 ppm **Engine speed** 

A3 (11" x 17"): Max. 26 ppm

SRA3: Max. 24 ppm

Control panel display 10.1-inch colour LCD touchscreen

Max. SRA3 (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)

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  $^{55}/_{64}$ ")

Weight (approx.) 89 kg (196.3 lbs)

#### Copier

Max. A3 (11" x 17") Original paper size First copy time\* Colour: 4.8 sec. B/W: 3.7 sec. Max. 9,999 copies Continuous copy

Scan (colour): 600 x 600 dpi Resolution

Scan (B/W): 600 x 600 dpi, 600 x 400 dpi, 600 x 300 dpi\*9 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 (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

Scan speed\*10

(colour & B/W)

Resolution

Scan method Push scan (via control panel)

> Pull scan (TWAIN-compliant application) One-sided: Max. 140 originals/min. Two-sided: Max. 280 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\*11

File formats TIFF, PDF, PDF/A-1a, PDF/A-1b, encrypted PDF, XPS, compact PDF\*12, JPEG\*12, searchable PDF, OOXML

(pptx, xlsx, docx), text (TXT [UTF-8]), rich text (RTF)

Scan destinations Scan to email/desktop\*13/FTP server/network folder (SMB)/

USB drive/local drive

- 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
- Including protuberances
- 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.
- 99: Not available when using document glass.
   10: Based on Sharp's A4 standard chart, using document feeder and long-edge feeding. Using factory default settings with Auto Colour Selection off. Scan speed will vary depending on the type of document and the scan settings.
- \*11: Resolution will vary depending on the size of the scanned area.
  \*12: Colour/greyscale only.
- \*13: Requires Network Scanner Tool Lite.
- \*14: Storage capacity will vary depending on the type of document and the scan settings.
- \*15: Some features require optional equipment.
- \*16: In some countries/regions, the optional BP-EB10 is required. Availability of this option varies by
- country/region.  $^*$ 17: 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

#### 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\*14

Stored jobs\*15 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)\*16

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

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\*17 Transmission time

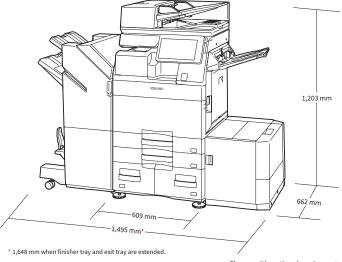
33,600 bps to 2,400 bps with automatic fallback Modem speed

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

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