Light Production Photocopiers

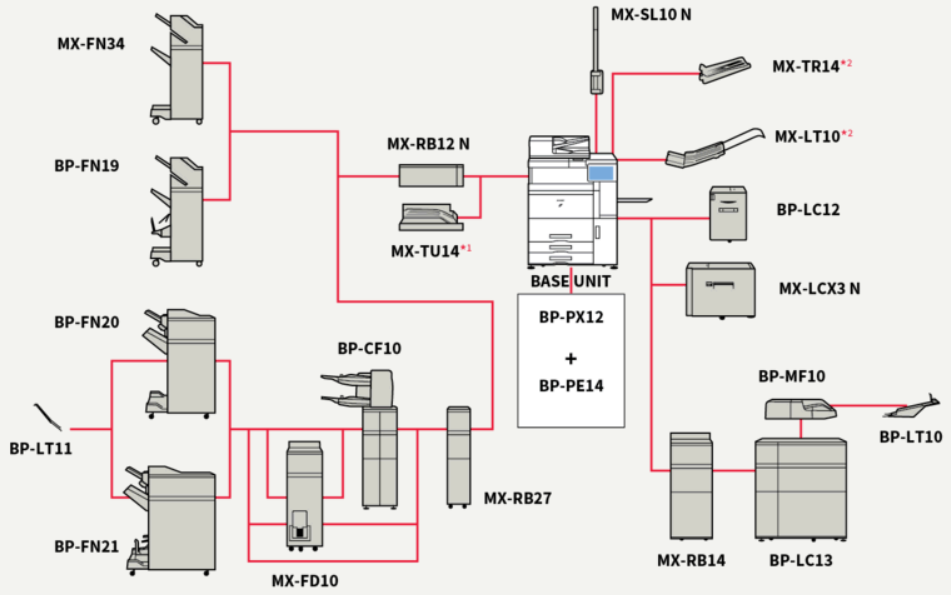
Sharp BP-80C80



For extensive support with your in-house printing, the BP-80C80 offers versatile solutions and configurations to suit your needs to maximise high quality productivity with ease.

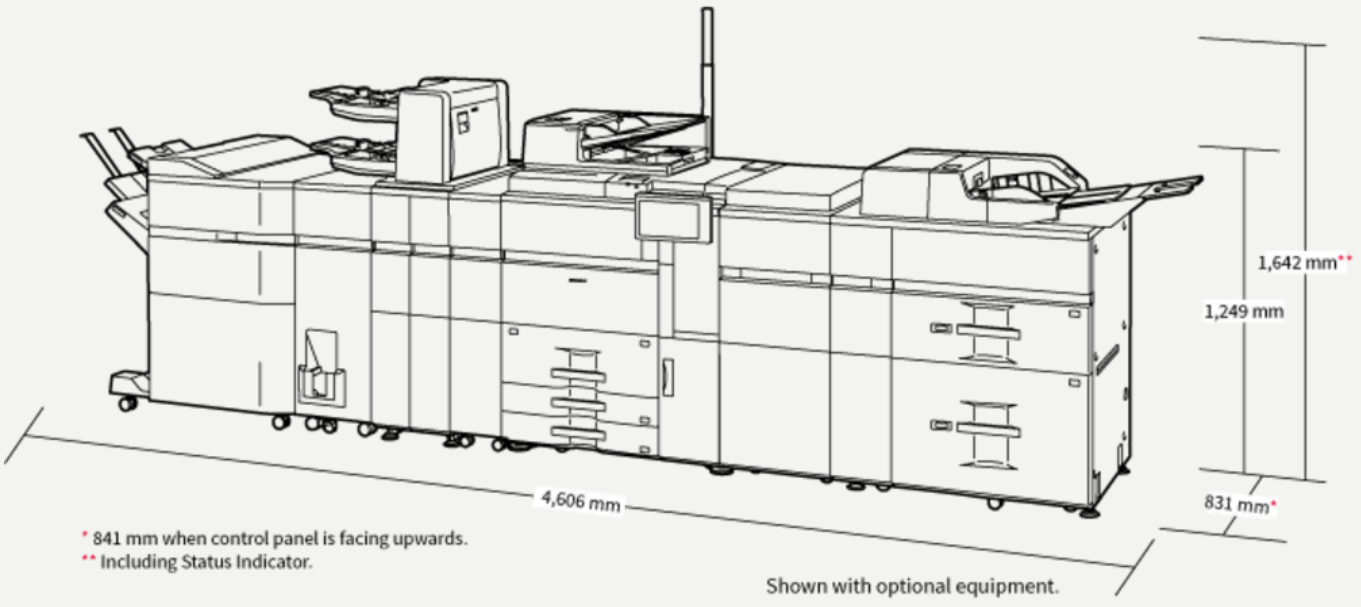
- Fast output speed of 80 ppm, even on 220 g/m2 paper weight.
- A variety of finishing options, including inserter, folding unit and trimming module let you print professional documents in-house.
- Intuitive icons on the 10.1-inch full-flat touchscreen control panel make operation smooth and easy.
- 300-sheet DSPF scans two-sided documents at 300 ipm.
- Single sign-on lets you securely print from or scan to public cloud storage services quickly and easily.
- With support for Microsoft Entra ID you can manage identities and control device access via a secure cloud-based tool
- Embedded Fiery® Server (option) helps manage workflows in a busy on-demand printing environment
- Versatile paper handling with support for a wide range of paper types and sizes, up to SRA3/A3W as well as extra-long and custom sizes.
- The optional inserter can support up to 360 g/m2 paper weight and has a double-feed detection option and an air-feed system to prevent multiple sheets from feeding at once.
- Smart scanning with Auto Set lets the MFP will automatically determine the optimal resolution, gradation, orientation and compression rate for your scan jobs.
- Multi-layered security features to keep the device and your data secure include automatic BIOS recovery if anomalies are detected during start-up.
- Main Unit made with 50% recycled plastic.

Configurations



*1: Minimum required equipment.
*2: Cannot be used with MX-RB14, BP-LC13, BP-MF10, and BP-LT10.

Dimensions



* 841 mm when control panel is facing upwards.
** Including Status Indicator.

Shown with optional equipment.

Options

Base Unit

MX-SL10N Status Indicator

MX-LCX3N Large Capacity Tray (A3)
A3 - A4R (also supports 13" x 19.2"), 3,000 sheets (80gsm); Requires MX-MFX1. Cannot be installed with MX-LC12 or MX-LC13 N.

BP-LC12 Large capacity tray
Large Capacity Tray (Roller Feeding, A4 / 8.5"x11"). Feedable paper weight: 60~220g/m2. Paper Capacity: 3,500 sheets (80g/m2).

BP-LC13 Large capacity trays
Large capacity tray (2-tier). Paper capacity: Upper tray: 2,500 sheets
Lower tray: 2,500 sheets (80g/m2).Requires MX-RB14.

BP-PE14 Fiery server
Local option. Embedded Fiery Printer Controller. Requires MX-PX12 Interface Kit.

BP-PX12 Interface kit
Interface kit for Embedded Fiery Printer Controller.

Storage

BP-SD10 High Capacity SSD
512GB SSD

Security

BP-FR12U Data Security Kit
Commercial version

BP-VD10 Virus Detection Kit

Printing

MX-PF10 Barcode Font Kit
Enables barcode printing

Sharp OSA

MX-AMX1 Application Integration Module

Faxing

MX-FWX1 Internet Fax Expansion Kit

BP-FX11 Fax Expansion Kit

Finishing

MX-TU14 Exit Tray Cabinet
Required if MX-RB12 N is not installed.

MX-FD10 Folding Unit
Folding options include Z, C, accordion, double and half folds.; Can only be installed with MX-FN20, MX-FN21 or MX-FN22.

MX-RB27 Curl Correction Kit
Corrects paper curling by putting pressure on the convex/concave curl.

MX-RB14 Paper Pass Unit (between Base Unit and MX-LC13 N)
Required if MX-LC13 N is installed.

MX-RB13 Relay Unit (between 100-sheet Finisher and inserter)
Required between 100 sheet staple finisher (MX-FN21 or MX-FN22) and MX-CF11.

MX-TR14 Exit Tray Unit
Cannot be installed with MX-RB14, MX-LC13 N and MX-MF11.

MX-LT10 Long Paper Feeding Tray
Recommended for banner printing

MX-TM10 Trimming Module
Requires MX-FN22 or MX-FN21.

MX-RB12 N Paper Pass Unit
Required if MX-TU14 is not installed.

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-PN16C Punch Module - 2/4 Hole
Punch module for BP-FN15/BP-FN16/BP-FN19/MX-FN30/MX-FN31/MX-FN34/MX-FN35

MX-PN16B Punch Module - 3 Hole
Punch module for BP-FN15/BP-FN16/BP-FN19/BP-FN34

BP-CF10 Inserter
Roller Feeding (Air-assisted feeding system). Paper Capacity: Two trays with 200 sheets each (80g/m2). Paper Weight: 52~360 g/m2.

BP-DD11 Double feed detection kit
Double feed detection Kit (for Inserter BP-CF10). Eliminates double feeding of paper while scanning

BP-FN19 Saddle stitch finisher (65-sheet staple)
3,000 sheet finisher. Staple upto 65 sheet. Requires RB12N.
Non offset SRA3/A3W to A6.
Offset/staple A3 to B5.
Stapleless staple A3, A4.

BP-FN20 Finisher (100-sheet staple)
4,000 sheet finisher. Staple upto 100 sheet. Requires RB12N.
Non offset SRA3/A3W to A6.
Offset/staple A3 to B5.
Stapleless staple A3, A4.

BP-FN21 Saddle stitch finisher (100-sheet staple)
4,000 sheet finisher. Staple upto 100 sheets. Requires RB12N.
Non offset SRA3/A3W to A6.
Offset/staple A3 to B5.

BP-LT10 Long paper feeding tray
Long Paper feeding Tray (for LCT Bypass Tray). Recommended for banner printing. Paper Capacity: Up to 700mm: 500 sheets
Over 700m: 1 sheet. For BP-MF10. Requires BP-LT11.

BP-LT11 Long paper exit tray
For BP-FN20 or BP-FN21.Long paper exit tray for 4k finisher / 4k saddle finisher. Paper Capacity up to 762mm: 100 sheets

BP-MF10 Multi bypass tray
For BP-LC13. Feedable paper weight:55~220g/m2, 13lbs Bond-80lbs Cover.
Paper capacity: 500 sheets (80 g/m2), 550 sheets (64 g/m2).
Stacking capacity: up to 55 mm.

BP-PN10C Punch module
Punch Unit (4 holes/2 holes) for 4K Finisher/Saddle Stitch Finisher. Manual switching :2/4 holes.

BP-PN10D Punch module
Punch Unit (4 wide holes)for 4K Finisher/Saddle Stitch Finisher. Manual switching :2/4 holes.

Specifications

General

Engine speed: A4 Colour (ppm)	80
Engine speed: A4 B/W (ppm)	81
Engine speed: SRA3 Colour (ppm)	35
Engine speed: SRA3 B/W (ppm)	35
Engine speed: A3 Colour (ppm)	37
Engine speed: A3 B/W (ppm)	37
Paper size: Min.	A6R
Paper size: Max.	SRA3
Paper weight: Min. (g/m^2)	60
Paper weight: Max. (g/m^2)	300
Paper weight multi-bypass: Min. (g/m^2)	55
Paper weight: multi-bypass: Max. (g/m^2)	300
Paper capacity: Std. (sheets)	3100
Paper capacity: Max. (sheets)	8500
Warm-up time (sec.)	55
Memory general: Max. (GB)	6
Storage: Std.	SSD
Storage: Opt.	SSD
SSD capacity: Std. (GB)	256
SSD capacity: Opt. (GB)	512
Average monthly print volume (pages)	12500
Maximum print volume (pages)	300000
Duplex	Std.
Power requirements: Frequency Min. (Hz)	220
Power requirements: Frequency Max. (Hz)	240
Power consumption (kW)	3.84
Control panel size (")	10.1
Width (mm)	845
Depth (mm)	841
Height (mm)	1249
Weight (kg)	207

Scan

Push scan	Std.
Pull scan	Std.
Push scan resolution (dpi)	100, 300, 600, 200, 150, 400
Pull scan resolution (dpi)	75, 100, 150, 200, 300, 400, 600, 50-9600
Document feeder	DSPF
Document feeder capacity (sheets)	300
Scan speed: B/W simplex (opm)	150
Scan speed: B/W duplex (opm)	300
Scan speed: Colour simplex (opm)	150
Scan speed: Colour duplex (opm)	300
File formats: Std.	Rich Text (RFT), TIFF, PDF, JPEG, Searchable PDF, PDF/A-1a, PDF/A-1b, Encrypted PDF, Compact PDF, XPS, Text (TXT), Office Open XML (pptx, xlsx, docx)
Scan destinations	Desktop, FTP, Email, Network folder, USB

Finish

Output capacity: Max. (sheets)	250
Saddle stitch	Opt.
Hole punch	Opt.
GBC punch	Opt.
Inserter	Opt.
Folding	Opt.

Print

Resolution (dpi)	1200 x 1200, 600 x 600, 9600 (equivalent) x 600
Interface: Std.	USB 2.0, USB 3.0, 10Base-T, 100Base-TX, 1000Base-T
Supported OS: Std.	Windows 11, Windows Server 2016, Windows Server 2019, Windows Server 2022, Mac OS X 10.11, Mac OS X 10.12, Mac OS X 10.13, Mac OS X 10.14, Mac OS X 10.15, Windows Server 2025
Network protocols	TCP/IP
Printing protocols	LPR, Raw TCP (port 9100), POP3 (e-mail printing), HTTP, FTP, IPP, IPP Everywhere, SMB, WSD
PDL: Std.	PCL6, Adobe® PostScript® 3™
Available Fonts	80 PCL, 139 PostScript 3 emulation

Copy

Original paper size: Min.	A6R
Original paper size: Max.	SRA3
First copy out time: Colour (sec.)	4.6
First copy out time: B/W (sec.)	3.5
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 (equivalent) x 600
Gradation: Colour (equivalent levels)	256
Gradation: B/W (equivalent levels)	256
Zoom range: Min. (%)	25
Zoom range: Max. (%)	400
Preset copy ratios	10
Scan method	Pull scan, Push scan

Fax

Fax	Opt.
Compression method	MH, MR, MMR, JBIG
Communication protocol	G3, Super G3
Transmission time (sec.)	2
Document size: Min.	A5R
Document size: Max.	A3
Memory: Max. (GB)	4
Dial registration: rapid/speed dial	2000

File

Document filing	Std.
Capacity: main & custom folders (pages)	20000
Capacity: quick file folder (pages)	10000
Stored jobs	Print, Copy, Scan, Fax transmission
Storage folders	Quick file, Main, Custom

Wireless Lan

Wireless LAN	Std.
Compliant regulation	IEEE802.11a/ac/b/g/n
Security	WPA/WPA2-mixed EAP, WPA2 PSK, WPA3 SAE, WEP, WPA/WPA2-mixed PSK, WPA3 EAP, WPA2 EAP

Works with Apple AirPrint

OSA® Sharp Open Systems Architecture

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