SHARP

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A Speedy Network-ready MFP for the Upwardly Mobile Office

Productive Operation

- 100-sheet RSPF scans documents at 37 opm*[1] (one-sided)
- Built-in stackless duplex module efficiently makes two-sided copies
- Maximum 2,100-sheet (BP-20M31/20M28) or 1,850-sheet (BP-20M24/20M22) paper capacity
- Multi bypass tray accommodates heavy paper up to 200 g/m^2
- Convenient copy functions: 2-in-1/4-in-1 copying, centering, and automatic paper/magnification selection

Advanced Functionality

- Wireless connectivity enables easy access from mobile devices and flexible MFP placement (option)
- Sharpdesk Mobile print/scan application*[2] enables scanned documents to be saved to a mobile device, or files on that device to be printed
- Supports AirPrint mobile printing service (option)
- Full-colour network scanning with multiple scan destinations, such as email, desktop*[3], FTP server, and USB drive
- Print/scan command pops up on the LCD when you insert a USB drive, allowing easy printing from or scanning to the USB drive
- PCL 6 (standard-equipped) and PostScript 3 emulation (option)
- USB port conveniently located at the front of the MFP
- Rotation Sort function rotates every other copy by 90 degrees for easy retrieval
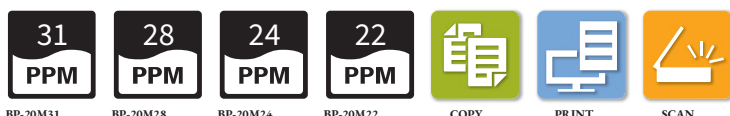
Enhanced Usability

- Easy-to-use control panel with 5-line LCD
- Paper size selection window pops up automatically on LCD when paper is fed into multi bypass tray
- ID Card Copy function with dedicated key enables easy copying of both sides of a card onto a single page
- Auto Zoom Selection and Fit-to-page functions automatically reduce or enlarge image to fit selected paper size
- Scanner Program Keys store frequently used scan settings and destinations for easy, one-touch recall
- LDAP support for easy browsing of email addresses
- Red and green LED lamps light up to notify users of machine/job status
- SRDM (Sharp Remote Device Manager) allows centralised control of networked MFPs
- User authentication covering up to 30 users prevents unauthorised MFP use by requiring access numbers
- Energy-efficient Auto Power Shut-off mode
- Easy-grip handles enable easy opening/closing of paper drawers

*1: Originals per minute; when feeding A4 (8 1/2" x 11") sheets.
*2: Availability varies by country/region.
*3: Requires Network Scanner Tool Lite.

31 PPM	28 PPM	24 PPM	22 PPM	COPY	PRINT	SCAN
BP-20M31	BP-20M28	BP-20M24	BP-20M22			

SPECIFICATIONS

General

Type	Desktop
Engine speed	A4 (8 $\frac{1}{2}$" x 11")*[1]: Max. 31/28/24/22 ppm
	A3 (11" x 17"): Max. 17/17/12 (11)/12 (11) ppm
Control panel display	5-line LCD
Paper size	Max. A3 (11" x 17"), min. A6*[2] (5 $\frac{1}{2}$" x 8 $\frac{1}{2}$")
Paper capacity	[BP-20M31/20M28] Standard: 1,100 sheets
(80 g/m^2)	(2 x 500-sheet tray and 100-sheet multi bypass tray)
	Maximum: 2,100 sheets
	(1,100 sheets & optional 2 x 500-sheet tray)
	[BP-20M24/20M22] Standard: 350 sheets
	(250-sheet tray and 100-sheet multi bypass tray)
	Maximum: 1,850 sheets
	(350 sheets & optional 3 x 500-sheet tray)
Paper weight	Tray 1: 60 g/m^2 to 105 g/m^2 (16 lbs bond to 28 lbs bond)
	Trays 2–4: 60 g/m^2 to 200 g/m^2 (16 lbs bond to 110 lbs index)
	Multi bypass tray: 55 g/m^2 to 200 g/m^2
	(13 lbs bond to 110 lbs index)
Warm-up time*[3]	BP-20M31/20M28: 20 sec.
	BP-20M24/20M22: 25 sec.
Memory	1 GB (copy/print shared)
Power requirements	Rated local AC voltage ±10%, 50/60 Hz
Power consumption	BP-20M31/20M28: Max. 1.45 kW
	BP-20M24/20M22: Max. 1.2 kW
Dimensions (W x D x H)	BP-20M31/20M28: 599 x 608 x 743 mm
	(23 $\frac{19}{32}$" x 23 $\frac{15}{16}$" x 29 $\frac{17}{64}$")
	BP-20M24/20M22: 599 x 608 x 643 mm
	(23 $\frac{19}{32}$" x 23 $\frac{15}{16}$" x 25 $\frac{21}{64}$")
Weight (approx.)	BP-20M31/20M28: 42 kg (92.6 lbs)
	BP-20M24/20M22: 34 kg (74.9 lbs)

Copier

Original paper size	Max. A3 (11" x 17")
First copy time*[4]	BP-20M31/20M28: 5.2 sec.
	BP-20M24/20M22: 6.4 sec.
Continuous copy	Max. 999 copies
Resolution	Scan: 400 x 600 dpi
	Print: 600 x 600 dpi
Gradation	Equivalent to 256 levels
Zoom range	25% to 400% (25% to 200% using RSPF) in 1% increments
Preset copy ratios	Metric: 10 ratios (5R/5E), inch: 8 ratios (4R/4E)

Scanner

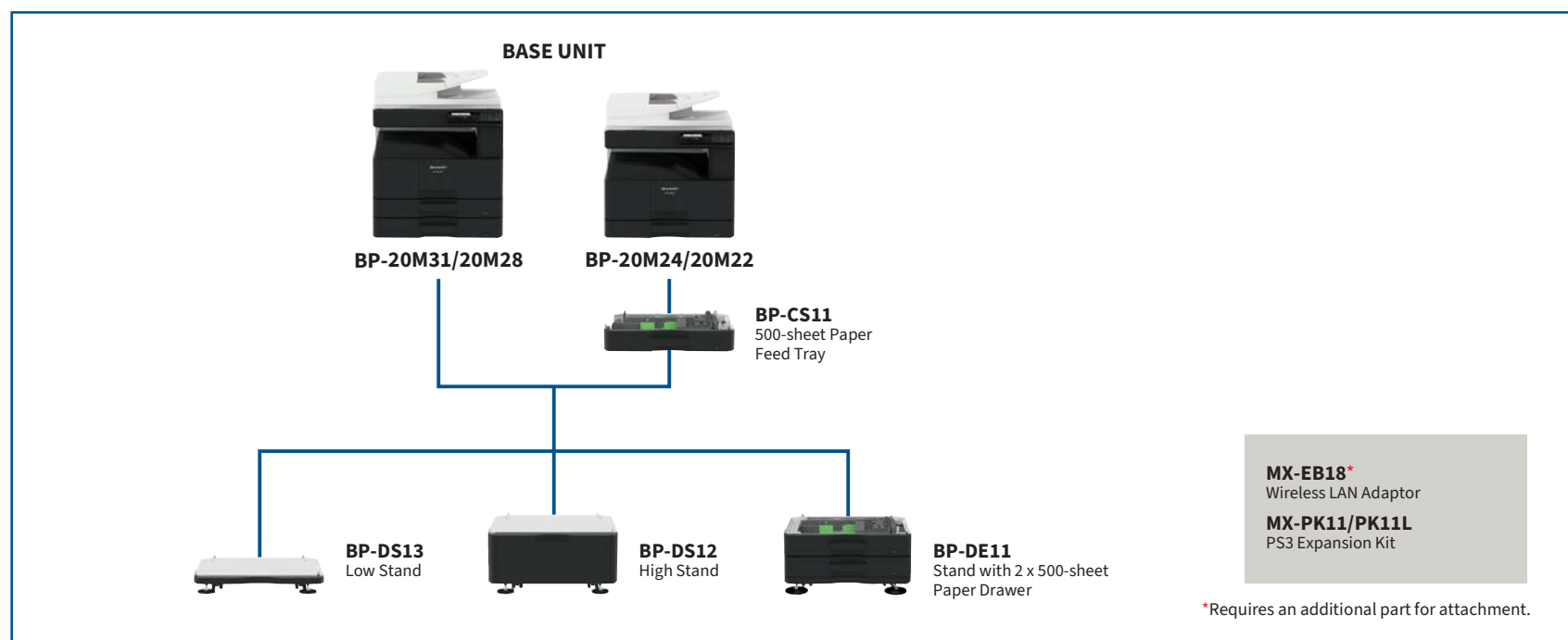|	
Scan method	Push scan (via control panel)
	Pull scan (TWAIN-compliant application)
Scan speed*[5]	Colour & B/W: Max. 37 originals/min.
Resolution	Push scan: 100, 150, 200, 300, 400, 600 dpi*[6]
	Pull scan: 75, 100, 150, 200, 300, 400, 600 dpi
	50 dpi to 9,600 dpi via user setting*[7]
File formats	TIFF, PDF, JPEG*[8]
Scan destinations	Scan to email/desktop*[9]/FTP server/network folder (SMB)/ USB drive

Printer

Resolution	600 x 600 dpi
Interface	USB 2.0 (host, high-speed), 10Base-T/100Base-TX/1000Base-T, wireless LAN (IEEE 802.11 b/g/n)*[10]
Supported OS*[11]	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 10.9, 10.10, 10.11, 10.12, 10.13, 10.14, 10.15, 11, 12, 13, 14
Network protocols	TCP/IP
Printing protocols	LPR, Raw TCP (port 9100), FTP for downloading print files, IPP, SMB, WSD
PDL	Standard: PCL 6 emulation
	Option: PostScript 3 emulation
Available fonts	80 fonts for PCL, 136 fonts for PostScript 3 emulation

*1: Long-edge feeding.
*2: Short-edge feeding only.
*3: In a standard measurement environment. May vary depending on operating conditions and environment.
*4: Long-edge feeding of A4 (8 $\frac{1}{2}$" x 11") sheets from 1st paper tray. May vary depending on operating conditions and environment.
*5: Scan speed will vary depending on the type of document and the scan settings. Based on Sharp's A4 standard chart, using document feeder, long-edge feeding, one-sided scanning, and factory default settings.
*6: 600 x 600 dpi scanning available up to A4 (8 $\frac{1}{2}$" x 11") size.
*7: Resolution will vary depending on the size of the scanned area.
*8: Colour/greyscale only.
*9: Requires Network Scanner Tool Lite.
*10: Requires optional MX-EB18. Availability of this option varies by country/region.
*11: Mac OS requires optional MX-PK11/PK11L.

• Design and specifications are subject to change without prior notice.
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SYSTEM CONFIGURATION

BASE UNIT

BP-20M31/20M28   **BP-20M24/20M22**

BP-CS11
500-sheet Paper Feed Tray

BP-DS13
Low Stand

BP-DS12
High Stand

BP-DE11
Stand with 2 x 500-sheet Paper Drawer

MX-EB18*
Wireless LAN Adaptor

MX-PK11/PK11L
PS3 Expansion Kit

*Requires an additional part for attachment.

Certain optional equipment may not be available in some areas.

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