

A3 Black & White Photocopiers

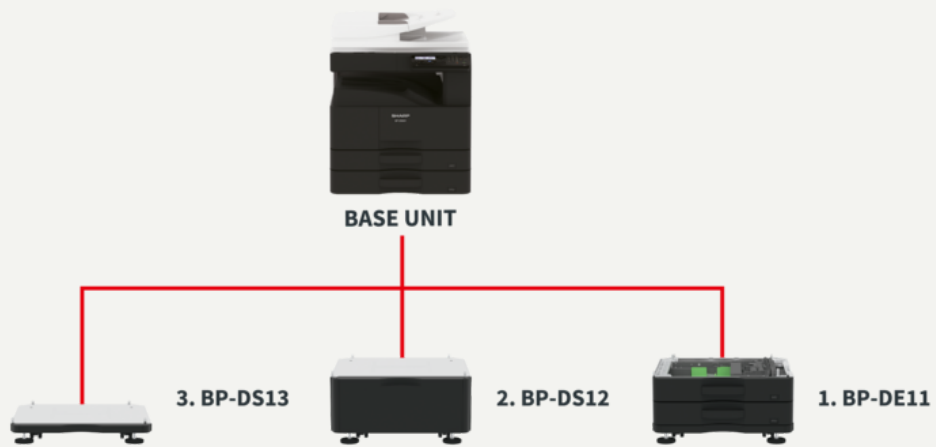
# BP-20M31



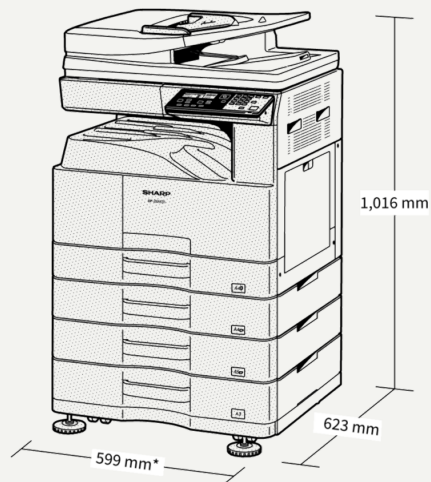
The BP-20M31 is a fast, network-ready, A3 black & white MFP with a flexible design, bringing advanced functionality, impressive quality and a host of productivity features within reach of every small workgroup.

- 100-sheet RSPF scans documents at 37 opm\* (one-sided)
- Up to 2100-sheet paper capacity
- Multi bypass tray accommodates heavy paper up to 200 gsm
- Standard PCL 6 and optional PostScript® 3™ emulation
- Built-in stackless duplex module for efficient two-sided printing and copying
- Optional wireless connectivity enables easy access from mobile devices and flexible MFP placement
- Print/scan command pops up on the LCD when you insert a USB drive, allowing easy printing from or scanning to the USB drive
- Full- colour network scanning program keys store frequently used scan settings and destinations for easy, one-touch recall
- Easy-to-use 5-line LCD control panel with red and green LED lamps that notify users of machine/job status
- ID Card Copy function with dedicated key enables easy copying of both sides of a card onto a single page
- Convenient copy functions: 2-in-1/4-in-1 copying, centering, and automatic paper/magnification selection
- Energy-efficient Auto Power Shut-off mode

## Configurations



## Dimensions



\*Including adjuster.  
909 mm when multi-bypass tray is extended.

Shown with optional equipment.

# Options

## Printing

### **MX-PK11 PS3 Expansion Kit**

Adobe PostScript®3™ expansion kit

## Connectivity

### **MX-EB18 Wireless LAN Adaptor**

Enables connection to wireless networks.

# Specifications

## General

|                                         |      |
|-----------------------------------------|------|
| Engine speed: A4 B/W (ppm)              | 31   |
| Engine speed: A3 B/W (ppm)              | 17   |
| Paper size: Min.                        | A6R  |
| Paper size: Max.                        | A3   |
| Paper weight: Min. (g/m <sup>2</sup> )  | 55   |
| Paper weight: Max. (g/m <sup>2</sup> )  | 200  |
| Paper capacity: Std. (sheets)           | 1100 |
| Paper capacity: Max. (sheets)           | 2100 |
| Warm-up time (sec.)                     | 20   |
| Memory general: Max. (GB)               | 1    |
| Duplex                                  | Std. |
| Power requirements: Frequency Min. (Hz) | 50   |
| Power requirements: Frequency Max. (Hz) | 60   |
| Power consumption (kW)                  | 1.45 |
| Width (mm)                              | 599  |
| Depth (mm)                              | 608  |
| Height (mm)                             | 743  |
| Weight (kg)                             | 42   |
| Power Requirements: voltage Min. (V)    | 220  |
| Power Requirements: voltage Max. (V)    | 240  |

## Copy

|                                    |                      |
|------------------------------------|----------------------|
| Original paper size: Max.          | A3                   |
| First copy out time: B/W (sec.)    | 52                   |
| E-sort                             | Std.                 |
| Continuous copy (Max. copies)      | 999                  |
| Scan resolution: B/W (dpi)         | 400 x 600            |
| Print resolution (dpi)             | 600 x 600            |
| Gradation: B/W (equivalent levels) | 256                  |
| Zoom range: Min. (%)               | 25                   |
| Zoom range: Max. (%)               | 400                  |
| Preset copy ratios                 | 10                   |
| Scan method                        | Push scan, Pull scan |

## Finish

|                                |     |
|--------------------------------|-----|
| Output capacity: Min. (sheets) | 250 |
|--------------------------------|-----|

## Toner Yield

|                              |       |
|------------------------------|-------|
| Black (pages at 6% coverage) | 20000 |
|------------------------------|-------|

## Print

|                    |                                                                                                               |
|--------------------|---------------------------------------------------------------------------------------------------------------|
| Network printer    | Std.                                                                                                          |
| Resolution (dpi)   | 600 x 600                                                                                                     |
| Interface: Std.    | USB 2.0, 10Base-T, 100Base-TX, 1000Base-T                                                                     |
| Supported OS: Std. | Windows 8.1, Windows 10, Windows Server 2012, Windows Server 2012R2, Windows Server 2016, Windows Server 2019 |
| Supported OS: Opt. | Mac OS X 10.9, Mac OS X 10.10, 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 |
| Network protocols  | TCP/IP                                                                                                        |
| Printing protocols | LPR, Raw TCP (port 9100), FPT for downloading print files, IPP, SMB, WSD                                      |
| PDL: Std.          | PCL6                                                                                                          |
| PDL: Opt.          | Adobe® PostScript® 3™ emulation                                                                               |
| Available Fonts    | 80 PCL, 136 PostScript 3 emulation                                                                            |

## Wireless Lan

|                      |                                                                 |
|----------------------|-----------------------------------------------------------------|
| Wireless LAN         | Opt.                                                            |
| Compliant regulation | IEEE802.11b/g/n                                                 |
| Access mode          | Infrastructure mode, Software AP mode                           |
| Security             | WEP, WPA/WPA2-mixed PSK, WPA/WPA2-mixed EAP, WPA2 PSK, WPA2 EAP |

## Scan

|                                   |                                          |
|-----------------------------------|------------------------------------------|
| Network scanner                   | Std.                                     |
| Push scan resolution (dpi)        | 100, 150, 200, 300, 400, 600             |
| Document feeder capacity (sheets) | 100                                      |
| File formats: Std.                | TIFF, PDF, JPEG                          |
| Scan destinations                 | Desktop, FTP, Email, Network folder, USB |