

## HIGH VOLUME MONOCHROME DOCUMENT SYSTEMS simply smarter

### Designed for today's individual workstyles.

From media handling to workflow and collaboration, these new models deliver the features businesses need to get the job done.

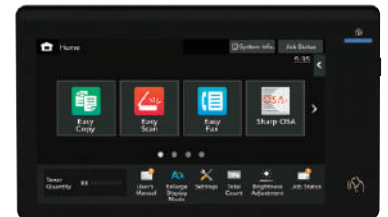
The BP-70M75 and BP-70M90 high volume monochrome document systems enable workers to collaborate and share information seamlessly and securely. Enhanced access to cloud services such as Microsoft Teams makes it easy to streamline communication and enhance productivity with hybrid workers.

**Easy-to-use Touchscreen** Award-winning design that delivers an accurate, responsive user experience, critical for today's sophisticated workflows.

**Technology Focused on Efficiency** Innovative features like optional double-feed scan detection and enhanced auto skew correction ensure jobs come out right the first time, every time.

**Versatile Application Integration** Easily access expanded cloud services, and connect with mobile devices to enable touchless operation with the Sharp Synappx Go app.

**Leading Security** These models use the latest security technology in today's hybrid working environments to protect endpoint devices from security threats.



10.1" (diagonally measured) customizable touchscreen display.



**Built-in retractable keyboard** simplifies email address and subject line entries.



**Folding Unit option** offers a variety of fold patterns, including tri-fold, z-fold and others.



**High capacity 300-sheet DSPF** scans documents at up to 280 images per minute.

- **300-sheet duplexing single-pass feeder** offers double feed-detection (optional) and scans up to 280 images per minute.
- **Enhanced touchscreen** delivers an accurate, responsive user experience and provides easy access to features.
- Supports native **Universal Print from Microsoft**, enabling businesses to easily adapt to this popular cloud service.
- Flexible paper handling supports **media up to 300 gsm**, allowing users to print on a wide variety of paper stock or media.
- Collaborate with hybrid workers using **popular cloud services**, such as Microsoft Teams, Google Drive™, and Dropbox.
- Wireless LAN supports 5 GHz Wi-Fi for stable, **high-speed network communication**.
- **Smart controller design** ensures MFP firmware is up to date by periodically checking for updates.
- Strong, **multi-layered security** includes system integrity check at startup, firmware attack prevention and optional Bitdefender antivirus help protect your data.
- **Sharp OSA® Technology** provides a secure and intuitive user experience for integrated workflows.

# SPECIFICATIONS BP-70M75/70M90

## Main Specifications

<b>BP-70M75/70M90</b>	Base models include multitasking controller, 300-sheet DSPF, PCL 6 and Adobe PostScript 3 printing systems, network scanning, auto duplexing, 2,100-sheet tandem paper drawer, 2 x 500-sheet paper drawers, 100-sheet bypass tray.	
<b>Type</b>	Monochrome multi-function digital document system	
<b>Display</b>	10.1" (diagonally measured) color dot matrix high-resolution touch panel tilting display. 1,024 x 600 dots (W-SVGA)	
<b>Functions</b>	Copy, print, network print, network scan, document filing and fax <sup>1</sup>	
<b>Copy System</b>	Dry electrostatic transfer/Dual component developer/Magnetic brush development/OPC drums/Heat roller fusing/White LED exposure	
<b>Originals</b>	Sheets and bound documents	
<b>Max. Original Size</b>	11" x 17"	
<b>Output Size</b>	Min. 5½" x 8½", Max. 12" x 18"	
<b>Copy Speed</b>	75/90 ppm (8½" x 11")	
<b>Multiple Copy</b>	Max. 9,999 copies	
<b>First Copy Time (in seconds)<sup>2</sup></b>	<b>BP-70M75</b>	<b>BP-70M90</b>
	Platen Glass	3.5
	DSPF	5.4
<b>Warm Up Time (BP-70M75/70M90)</b>	38/48 seconds (from main power switch on), 25/35 seconds (from [Power] button on)	
<b>Magnification</b>	25% to 400% in 1% increments (with DSPF 25%-200%)	
<b>Original Feed</b>	300-sheet DSPF with original size detection	
<b>Scan Speed</b>	Up to 140 ipm simplex, up to 280 ipm duplex	
<b>Original Sizes</b>	5½" x 8½", 8½" x 11", 8½" x 11" R, 8½" x 14", 11" x 17"	
<b>Paper Capacity</b>	Standard: 3,200 Sheets/Maximum: 6,700 Sheets	
<b>Paper Feed System</b>	Standard: Tandem Tray 1 – 1,250 sheets (letter), Tandem Tray 2 – 850 sheets (letter) + (2) 500-sheet paper drawers (letter/legal/ledger/statement) and 100-sheet bypass tray (letter/legal/ledger/statement). Optional: 3,500-sheet large capacity tray (letter) or 3,000-sheet large capacity tray (ledger).	
<b>Paper Weights and Types</b>	Tandem drawers: 16 lb. bond to 28 lb. bond. Paper drawers: 16 lb. bond to 80 lb. cover. Other paper types include plain, recycled, letterhead, pre-printed, pre-punched, and color paper. Bypass tray: 16-28 lb. bond (plain paper), 15-16 lb. bond (thin paper), 28lb. bond-110 lb. cover (heavy paper), and tab paper (letter). Also label paper, gloss paper, recycled, letterhead, pre-printed, pre-punched, color paper and OHP film.	
<b>Duplexing</b>	Standard automatic duplex copying and printing	
<b>CPU</b>	Up to 1.4 GHz multi-processor design	
<b>Interface</b>	RJ-45 Ethernet (10/100/1000 Base-T), USB 2.0: 1 host port (front), USB 3.0: 1 device port (rear), 2 host ports (rear), wireless 802.11 a/b/g/n/ac	
<b>Memory</b>	Standard 5 GB copy/print (shared)	
<b>Solid State Drive</b>	256 GB, 512 GB (option)	
<b>Copy Resolution</b>	Scan: Up to 600 x 600 dpi. Output: Up to 1,200 x 1,200 dpi.	
<b>Copy Modes</b>	Monochrome/Grayscale	
<b>Exposure Control Modes</b>	Automatic, Text, Text/Photo, Text/Printed-Photo, Printed-Photo, Photo, Map, Pale-Color Document Settings: Auto or 9 step manual	
<b>Halftone</b>	256 gradations/2 levels (monochrome)	
<b>Copy Features</b>	Scan-Once Print-Many, electronic sorting, offset-stacking, Auto Paper Selection (APS), Auto Magnification Selection (AMS), Auto Tray Switching (ATS), black-white reversal, blank page skip, book copy, book divide, card shot, center erase, centering, cover pages, dual page copy, edge erase, image edit, image preview, insert pages, job build, job programs, margin shift, mirror image, mixed size original, multi-page enlargement, original count, pamphlet style, proof copy, repeat layout, reserve copy, rotated copy, stamp, stamp custom image, suppress background, tab copy, tab-paper insertion, tandem copy, toner save mode, transparency inserts, watermark, 2-in-1 / 4-in-1 / 8-in-1 multi shot	
<b>Account Control</b>	Up to 1,000 users. Supports user authentication via local, LDAP, and Active Directory for copy, print, scan and document management.	
<b>Output Tray Capacity</b>	Center Exit Tray (Main): 250 sheets (face down) Optional Right Side Exit Tray: 100 sheets (face down)	
<b>Cloud Supported Services</b>	Google Drive, Box, OneDrive for Business, SharePoint Online, Dropbox, Gmail™, Microsoft Teams, MFP Voice	
<b>Network Protocols</b>	TCP/IP (IPv4, IPv6, IPsec), HTTP/HTTPS, IPP/IPP-SSL, FTP/FTPS, SNMPv3, SMTP/SMTP-SSL, POP3/POP3-SSL, LDAP/LDAP-SSL, 802.1x for Windows and Unix.	

## Main Specifications (continued)

<b>Network and Data Security</b>	Includes IP/MAC address filtering, protocol filtering, port control, user authentication (local/LDAP/Active Directory), WPA3™ wireless, TLS 1.3 Encryption, Kerberos support
<b>Firmware Management</b>	Flash ROM with local (USB), network update capability and firmware update 1 to N with Sharp Remote Device Manager (available for downloading)
<b>Device Setup</b>	Web-based management/clone with user/administrator level login
<b>Service/Functions</b>	Remote Front Panel, remote access to service logs and click counts
<b>Accessibility Features</b>	Free stop tilting front panel, adjustment of key touch sound and speed, document feeder free stop, job programs, remote front panel, universal grip for paper trays, disable screen timeout, and voice interaction
<b>Environmental Standards</b>	International ENERGY STAR® Program Ver. 3.0, European RoHS, Blue Angel, EPEAT Silver
<b>Power Source</b>	110-127 V AC, 60 HZ, 20 A Receptacle
<b>Power</b>	1.92 kW or less
<b>Consumption</b>	
<b>Weight</b>	Approx. 360 lbs.
<b>Dimensions</b>	Approx. 26" (w) x 30" (d) 49" (h)

## Network Printing System

<b>PDL</b>	Standard PCL 6, Adobe PostScript 3
<b>Resolution</b>	1,200 x 1,200 dpi
<b>Print Speed</b>	75/90 ppm (8½" x 11")
<b>Print Drivers</b>	Windows 8.1, Windows 10, Windows 11, Windows Server 2012/2016/2019/2022, Windows PPD, Mac OS (including 10.10 to 12), UNIX®, Linux®, Universal Print (native)

## Mobile Printing<sup>1</sup>

<b>Print Features</b>	Android™ printing framework (Sharp Print Service Plugin), Sharpdesk Mobile, AirPrint Auto configuration, serverless print release, bar code font printing, carbon copy print, chapter inserts, confidential print, continuous printing, custom image registration, different cover page/last page/other page, document control, document filing, duplex printing, electronic sorting, folding, form overlay, hidden pattern print, image rotation, image stamp, image type, job bypass print, job retention, layout print, margin shift, multiple pamphlet, network tandem print, N-up printing, offset stacking, page interleave, pamphlet style, poster print, proof print, print and send, punching, stapling, tab paper print, tab printing, toner save mode, transparency inserts, tray status, user authentication, watermarks, zoom print
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## Direct Printing

<b>File Types:</b>	TIFF, JPEG, PCL, PRN, TXT, PDF, Compact PDF, Encrypted PDF, PostScript, DOCX, XLSX, PPTX, and PNG. Methods: FTP, SMB, Web page, Email and USB memory. Adobe Embossed Print Engine support for PDF file formats.
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## Resident Fonts

<b>Interface</b>	80 outline fonts (PCL), 139 fonts (PS)
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## Operating Systems and Environments

<b>Interface</b>	RJ-45 Ethernet 10/100/1000 Base-T, USB 2.0/3.0, Wireless 2.4/5 GHz
<b>Operating Systems and Environments</b>	Windows 8.1, Windows 10, Windows 11, Windows Server 2012/2016/2019/2022, Chrome OS™, Mac OS X 10.10-12, Unix®, Linux®, Citrix®, and SAP device types <sup>1</sup>

## Printing Protocols

<b>Printing Protocols</b>	LPR, IPP, IPPS, Raw TCP (port 9100), FTP, POP3, POP3S, HTTP, HTTPS, and LPR and LPD for Unix
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## Network Scanning System

<b>Scan Modes</b>	Standard: Color, monochrome, grayscale
<b>Max. Original Size</b>	11" x 17"
<b>Optical Resolution</b>	600 dpi
<b>Output Modes</b>	600 dpi, 400 dpi, 300 dpi, 200 dpi, 150 dpi, 100 dpi
<b>Image Compression</b>	Monochrome Scanning: Uncompressed, G3 (MH), G4 (MR/MMR) Color/Grayscale: JPEG (high, middle, low) Internet Fax mode: MH/MMR (option) <sup>1</sup>
<b>Image Formats</b>	Monochrome: TIFF, PDF, PDF/A, Encrypted PDF, XPS, Searchable PDF, DOCX, XLSX, PPTX, TXT, and RTF. Color/Grayscale: TIFF, JPEG, PDF, PDF/A, Compact PDF, Encrypted PDF, XPS, Searchable PDF, DOCX, XLSX, PPTX, TXT and RTF. Internet Fax: TIFF-FX, TIFF-F, TIFF-S <sup>1</sup>
<b>Scan Destinations</b>	Email, Desktop, FTP, Folder (SMB), USB, Internet fax (option), Super G3 fax (option), Teams Folder, OneDrive, Box, Dropbox
<b>One-touch Destinations</b>	Up to 2,000 (combined scan destinations)

## Network Scanning System (continued)

<b>Group Destinations</b>	Up to 500
<b>Programs</b>	48 (combined)
<b>Max. Jobs</b>	Up to 100
<b>Enhanced Email Integration</b>	Standard Gmail connector, standard Exchange connector
<b>Scanning Protocols</b>	HTTP/HTTPS, FTP/FTPS, SMTP/SMTP-SSL/ESMTP, SMB, POP3, LDAP, S/MIME
<b>Software</b>	Sharpdesk Mobile (download), Synappx (download)

## 3K Stacking 65-Sheet Staple Finisher (MX-FN34 option)

<b>Type</b>	3,000-sheet console staple finisher (65-sheet stapling)
<b>Output Trays</b>	Top tray: 250 sheets (letter size, non-stapled) Lower tray: Moving offset tray (up to 3,000 letter size sheets)
<b>Stapling Capacity</b>	Up to 65 sheets (letter)
<b>Stapling Media</b>	Plain paper, letter/legal/ledger size or mixed
<b>Stapling Positions</b>	1 front, 1 rear, or 2 point stitching

## 3K Stacking 65-Sheet Staple/Saddle Stitch Finisher (MX-FN35 option)

<b>Type</b>	3,000-sheet console staple finisher (65-sheet stapling)
<b>Output Trays</b>	Top tray: 250 sheets (letter size, non-stapled) Lower tray: Moving offset tray (up to 3,000 letter size sheets)
<b>Stapling Capacity</b>	Up to 65 sheets (letter)
<b>Stapling Media</b>	Plain paper, letter/legal/ledger size or mixed
<b>Stapling Positions</b>	1 front, 1 rear, or 2 point stitching
<b>Saddle Stitch</b>	2-point center stitch and bi-folding letter/legal/ledger
<b>Saddle Stitch</b>	Up to 10 sets (11-20 sheets per set)/15 sets (6-10 sheets per set)/25 sets (1-5 sheets per set)

## Optional Equipment

<b>BP-DD10</b>	Double Feed Detection Kit
<b>BP-LC11</b>	Large Capacity Tray (letter)
<b>MX-LC19</b>	Large Capacity Tray (ledger)
<b>MX-LT10</b>	Long Paper Feeding Tray
<b>MX-FN34</b>	3K Stacking 65-sheet Staple Finisher <sup>1</sup>
<b>MX-FN35</b>	3K Stacking 65-sheet Staple/Saddle Stitch Finisher <sup>1</sup>
<b>MX-FN21</b>	4K Stacking 100-sheet Staple Finisher <sup>1</sup>
<b>MX-FN22</b>	4K Stacking 100-sheet Staple/Saddle Stitch Finisher <sup>1</sup>
<b>MX-PN16B</b>	3-Hole Punch Unit (requires MX-FN34/35)
<b>MX-PN13B</b>	3-Hole Punch Unit (requires MX-FN21/22)
<b>MX-SC11</b>	Staple Cartridge for MX-FN34, MX-FN35
<b>MX-SC12</b>	Saddle-stitch Staple Cartridge for MX-FN35
<b>MX-SCX1</b>	Saddle-stitch Staple Cartridge for MX-FN22
<b>MX-SCX2</b>	Staple Cartridge for MX-FN21, MX-FN22
<b>MX-RB13</b>	Relay Unit <sup>1</sup>
<b>MX-RB26</b>	Paper Pass Unit <sup>1</sup>
<b>MX-RB27</b>	Curl Correction Unit <sup>1</sup>
<b>MX-TM10</b>	Trimmer Unit (requires MX-FN22)
<b>MX-CF11</b>	2-Tray Inserter Unit <sup>1</sup>
<b>MX-FD10</b>	Multi-folding Unit <sup>1</sup>
<b>MX-TR21</b>	Right Side Exit Tray
<b>MX-TU15</b>	Center Exit Tray
<b>MX-PF10</b>	Barcode Font Kit
<b>BP-FX11</b>	Fax Expansion Kit
<b>MX-FWX1L</b>	Internet Fax Expansion Kit
<b>BP-FR12UL</b>	Data Security Kit
<b>MX-AMX1L</b>	Application Integration Module
<b>BP-SD10</b>	High Capacity SSD (512 GB)
<b>BP-VD10L</b>	Virus Detection Kit
<b>DVENDFSV</b>	Generic Vendor Interface Kit

## Supplies

<b>BP-NI705</b>	Toner Cartridge
<b>BP-NV705</b>	Developer
<b>MX-754DR</b>	Drum
<b>MX-700HB</b>	Toner Collection Container

<sup>1</sup> Some features require optional equipment. See your local dealer.

<sup>2</sup> May vary depending on product configuration, machine settings and operating and/or environmental conditions.



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SYNAPPX



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