

### PRO SERIES COLOR DOCUMENT SYSTEMS simply smarter

## Taking organizations to the future of document imaging.

Designed for enhanced productivity and efficiency.

From high-volume printing environments to busy in-plant facilities, the BP-90C70 and BP-90C80 Color Pro Series deliver the performance and features needed for today's demanding workflows. The latest Fiery® platform delivers enhanced efficiency and ease of use. Flexible paper handling and finishing options deliver professional results.

**Large Easy-to-Use Touchscreen** 15.4" (diagonally measured) touchscreen is built on an award-winning design and delivers an accurate, responsive user experience. Integration with Fiery® Command Workstation® makes job management and late-stage edits easy.

**Designed for Productivity** Leverage the latest image processing technology to help users execute jobs with ease and efficiency. A strong engine design delivers full-rated speed even on heavy media, enabling operators to get their work done quickly.

**Exclusive Full-Bleed Edge-to-Edge Printing** Print-on-demand applications to produce high-quality, edge-to-edge pamphlets, brochures, booklets and more. Expanded capability supports letter, ledger and long paper sizes. Add professional creasing and perforations with the optional GBC® SmartPunch™ Plus.



15.4" (diagonally measured) customizable touchscreen display.



**Results-driven**, the versatile Pro Series color document systems deliver ground-breaking performance.



Professional full-bleed edge-to-edge printing from letter size to ledger size output.

- Offers a **wide range of configurations** from basic high-speed copying and printing to professional folding & finishing.
- **Fast color output speeds of 70 and 80 ppm** even on heavy media.\*
- **300-sheet duplexing** single-pass feeder offers double-feed detection and scans up to 280 images per minute.
- Delivers up to **2,400 x 2,400 dpi** resolution for superb image quality.
- **Automatic firmware updates** ensure MFP operation and features are up-to-date.
- **Auto duplex copying and printing** up to 300 gsm through main paper trays and up to 360 gsm through optional trays.
- Built-in **swing-out keyboard** simplifies complex job management entries.
- **Enhanced touchscreen** delivers an accurate, responsive user experience and provides easy access to features.
- Strong, **multi-layered security features** such as system integrity check, intrusion detection and optional Bitdefender antivirus help protect your data.
- Collaborate with workers using **popular cloud services**, such as Microsoft Teams, Google Drive™, Dropbox and others.
- **ENERGY STAR® 3.2 certified** and offers low standby power consumption in the category.
- New **low melt toner** enhances image quality, color balance and density, and also provides higher performance and reliability.
- **Sharp OSA® Technology** provides a secure and intuitive user experience for integrated workflows.

\*Based on 8 1/2" x 11" paper size up to 220 gsm.

# SPECIFICATIONS BP-90C70/90C80

## Main Specifications

<b>BP-90C70/90C80</b>	Base models include 300-sheet DSPF, 3,000-sheet paper capacity (2,000-sheet tandem tray and two 500-sheet trays). 256 GB Solid State Drive, PCL® 6 and Adobe® PostScript® 3™ network printing, color network scanning and swing-out keyboard. Black and color developer are included.																	
<b>Type</b>	Console, color multi-function digital document system																	
<b>Display</b>	15.4" (diagonally measured) color dot matrix high-resolution touch panel tilting display, 1,280 x 800 (WXGA)																	
<b>Functions</b>	Copy, print, network print, network scan and document filing																	
<b>Output System</b>	Dry electrostatic transfer/Dual component developer/Magnetic brush development/OPC drums/Belt type fusing/white LED exposure																	
<b>Originals</b>	Sheets and bound documents																	
<b>Max. Original Size</b>	11" x 17"																	
<b>Output Size</b>	Max. 13" x 19" (with optional MX-MF10)																	
<b>Copy Speed</b>	BP-90C70: 75/70 ppm Mono/Color BP-90C80: 80/80 ppm Mono/Color																	
<b>Multiple Copy</b>	Max. 9,999 copies																	
<b>First Copy Time (in seconds)<sup>2</sup></b>	<table border="1"> <thead> <tr> <th></th> <th>BP-90C70</th> <th>BP-90C80</th> </tr> </thead> <tbody> <tr> <td>B&amp;W</td> <td>Color</td> <td>B&amp;W</td> <td>Color</td> </tr> <tr> <td>Platen Glass</td> <td>3.7</td> <td>4.8</td> <td>3.5</td> <td>4.6</td> </tr> <tr> <td>DSPF</td> <td>5.4</td> <td>7.6</td> <td>5.2</td> <td>7.3</td> </tr> </tbody> </table>		BP-90C70	BP-90C80	B&W	Color	B&W	Color	Platen Glass	3.7	4.8	3.5	4.6	DSPF	5.4	7.6	5.2	7.3
	BP-90C70	BP-90C80																
B&W	Color	B&W	Color															
Platen Glass	3.7	4.8	3.5	4.6														
DSPF	5.4	7.6	5.2	7.3														
<b>Warm Up Time</b>	80 seconds (power button), 95 seconds (main switch) <sup>2</sup>																	
<b>Magnification</b>	25% to 400% in 1% increments (with document feeder 25%-200%)																	
<b>Original Feed</b>	300-sheet DSPF with original size detection																	
<b>Scan Speed</b>	Up to 280 ipm <sup>2</sup> (Monochrome or Color)																	
<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: 3,000 Sheets/Maximum: 13,500 Sheets																	
<b>Paper Feed System</b>	Standard: Tandem Tray 1 - 1,200 sheets (letter size), Tandem Tray 2 - 800 sheets (letter size), Trays 3/4 - 500 sheets ea. (letter/legal/ledger/statement/12" x 18"), envelopes (Tray 4). Optional Multi-bypass Tray (for machine) - 100 sheets (letter/legal/ledger/statement/monarch or COM10 envelopes/13" x 19"), Multi-bypass (for LCT) - 500 sheets (letter/legal/ ledger/statement/ 12" x 18"), LCT (2-drawer) - 2,500 sheets each drawer (letter/legal/ledger/13" x 19"), Letter LCC - 3,500 sheets (letter), Ledger LCC: 3,000 sheets (letter/legal/ledger/12" x 18").																	
<b>Paper Weights and Types</b>	Tandem Trays - 16-28 lb. bond, Trays 3/4 - 16 lb. bond to 110 lb. cover, Multi-bypass Tray (for machine) - 15 lb. bond to 130 lb. cover, Multi-bypass Tray (for LCT) - 15 lb. bond to 100 lb. bristol, LCT (2-drawer) - 15 lb. bond to 130 lb. cover, Letter LCC/Ledger LCC - 16 lb. bond to 100 lb. bristol. Supported paper types include thin, plain, recycled, color, letter head, pre-printed and pre-punched, embossed and glossy.																	
<b>Duplexing</b>	Standard automatic duplex copying and printing																	
<b>CPU</b>	Multi-processor Controller																	
<b>Interface</b>	RJ-45 Ethernet (10/100/1000 Base-T), USB 2.0 (2 host ports, USB 3.0 (1 device port)																	
<b>Memory</b>	Standard 6 GB																	
<b>Solid State Drive</b>	256 GB, 512 GB (option)																	
<b>Copy Resolution</b>	Scan: B&W/color: 600 x 600 dpi; Copy: Color: 600 x 600 dpi, B&W: 1,200 x 1,200 dpi																	
<b>Color Modes</b>	Photo, Full Color Mode, Monochrome (B/W)																	
<b>Exposure Control</b>	Modes: Text, Text/Photo, Text/Printed-Photo, Printed-Photo, Photo, Map, Pale-Color. Settings: Auto or 9 step manual																	
<b>Half-tone</b>	256 gradations/2 levels (monochrome)																	
<b>Copy Features</b>	Scan-Once Print-Many, electronic sorting, offset-stacking, Auto Color Sensing, 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, pamphlet style, proof copy, rotated copy, suppress background, tab copy, tab-paper insertion, tandem copy, toner save mode, transparency inserts and watermark.																	
<b>Account Control</b>	Up to 1,000 users. Supports user-number authentication (on device), login name/password or login name/password.																	
<b>Cloud Supported Services</b>	Google Drive, Box, OneDrive for Business, SharePoint Online, Dropbox, Gmail™, Microsoft Teams, Exchange (on-premises and online)																	
<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), data encryption, TLS 1.3 Encryption, End-of-Lease
<b>Firmware Management</b>	Flash ROM with local (USB), network update capability and firmware update 1 to N with SRDM (Sharp Remote Device Management) available for download
<b>Device Setup</b>	Web-based management with user/administrator level login cloning (1 to N) with SRDM and remote front panel access
<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, and disable screen timeout.
<b>Environmental Standards</b>	International ENERGY STAR Program 3.2. European RoHS, Blue Angel, EPEAT Gold (beginning October 2023)
<b>Power Source</b>	AC 208-240 VAC, 60 HZ, 20 A Receptacle
<b>Power Consumption</b>	Maximum: 3,550W or less
<b>Weight</b>	Approx. 485 lbs.
<b>Dimensions</b>	Approx. 38¾" (w) x 30¼" (d) x 60¼" (h)

## Network Printing System

<b>PDL</b>	PCL 6 compatible, Genuine Adobe PostScript 3
<b>Resolution</b>	2,400 x 2,400 dpi
<b>Print Speed</b>	70/80 pages per minute (8½" x 11")
<b>Print Drivers</b>	Windows 10, Windows 11, Windows Server 2012, Windows 2012 R2, Windows Server 2016, Windows Server 2019, Windows Server 2022, Windows PPD, OS X 10.10 - macOS 13, Unix®, Linux®, Citrix®
<b>Print Features</b>	Auto configuration, serverless print release, bar code font printing, carbon copy print, chapter inserts, color adjustment settings, color mode, 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 and watermarks
<b>Direct Printing</b>	File Types: TIFF, JPEG, PCL, PRN, TXT, PDF, Encrypted PDF, Compressed PDF/A1, PostScript, DOCX, XLSX, PPTX, and PNG. Methods: FTP, Web page, Email, Network Folder and USB
<b>Resident Fonts</b>	80 outline fonts (PCL), 139 fonts (PS)
<b>Operating Systems and Environments</b>	Windows 10/11, Windows Server 2012, Windows Server 2012 R2, Windows Server 2016/2019/2022, macOS X 10.10-10.15, macOS 11/12/13, UNIX®, Linux, Citrix® (XenApp 5.0-7.6, 7.15), Citrix Virtual Apps and Desktop 7 1912/2203 LTSR), Windows Remote Desktop Services and SAP device types <sup>1</sup>
<b>Printing Protocols</b>	LPR, IPP, IPP Everywhere, IPPS, Raw TCP (port 9100), FTP, POP3, POP3S, HTTP, HTTPS, and LPR and LPD for Unix

## Network Scanning System

<b>Scan Modes</b>	Standard: Color, monochrome, grayscale
<b>Maximum 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 Formats</b>	Monochrome: PDF, PDF/A, Encrypted PDF, XPS, Searchable PDF, TIFF, DOCX, XLSX, PPTX, TXT, and RTF. Color/Grayscale: PDF, PDF/A, Compact PDF, Encrypted PDF, XPS, Searchable PDF, TIFF, JPEG, DOCX, XLSX, PPTX, TXT, and RTF.
<b>Image Compression</b>	Monochrome: Uncompressed, G3 (MH), G4 (MR/MMR) Color/Grayscale: JPEG (high, middle, low), Compact PDF
<b>Scan Destinations</b>	Email, FTP, Folder (SMB), USB, Folder, OneDrive, Box, Dropbox
<b>One-touch Destinations</b>	Up to 2,000 (combined scan destinations)
<b>Programs</b>	48 (combined)
<b>Max. Jobs</b>	Up to 100
<b>Sharp OSA Platform</b>	Application Communication Module (BP-AM10L) and External Accounting Module (BP-AM11L) standard

## 4K 100-Sheet Stapler/Finisher (MX-FN21: option)

<b>Type</b>	4,000-sheet console stapler finisher (100-sheet stapling)
<b>Output Trays</b>	Upper tray: Moving offset tray (up to 1,500 letter size sheets) Middle tray: 250 sheets (letter size, non-stapled) Lower tray: Moving offset tray (up to 2,500 letter size sheets)
<b>Stapling Capacity</b>	Up to 100 sheets (letter/statement)
<b>Stapling Positions</b>	1 front, 1 rear, or 2 point stitching
<b>Hole Punching</b>	Optional three-hole punch unit MX-PN13B
<b>Power Source</b>	120 VAC, 60 HZ, 15 A Receptacle
<b>Power Consumption</b>	200W/350W with MX-MF10
<b>Dimensions/Weight</b>	Approx.: 30 ¾" (w) x 30" (d) x 41" (h) / Approx.:134.5 lbs.

## 4K 100-Sheet Stapler/Saddle Stitch Finisher (MX-FN22: option)

<b>Type</b>	4,000-sheet console stapler finisher (100-sheet stapling)
<b>Output Trays</b>	Upper tray: Moving offset tray (up to 1,500 letter size sheets) Middle tray: 250 sheets (letter size, non-stapled) Lower tray: Moving offset tray (up to 2,500 letter size sheets)
<b>Stapling Capacity</b>	Up to 100 sheets (letter/statement)
<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>	Center stitch/center fold (2 staples) letter/legal/ledger paper sizes
<b>Saddle Stitch</b>	Up to 5 sets (16-20 sheets/10 sets (11-15 sheets per set)/15 sets
<b>Max. Sets</b>	(6-10 sheets per set)/25 sets (1-5 sheets per set)
<b>Hole Punching</b>	Optional three-hole punch unit MX-PN13B
<b>Power Source</b>	120 VAC, 60 HZ, 15 A Receptacle
<b>Power Consumption</b>	200w/350w with MX-MF10
<b>Dimensions/Weight</b>	Approx.: 35 ¾" (w) x 30 ¾" (d) x 41" (h) / Approx.: 238.1 lbs.

## Optional Equipment<sup>1</sup>

<b>MX-LC12</b>	3,500-sheet Large Capacity Cassette (letter)
<b>MX-LC13N</b>	5,000-sheet Large Capacity 2-Drawer Air-Feed Tray (ledger)
<b>MX-LCX3N</b>	3,000-sheet Large Capacity Cassette (ledger)
<b>MX-LT10</b>	Long Paper Feeding Tray (requires MX-MF10)
<b>BP-LTK</b>	Long Paper Feed Tray Support Kit (requires MX-LT10)
<b>MX-MF10</b>	100-sheet Multi-bypass Tray (for machine)
<b>MX-MF11</b>	500-sheet Multi-bypass Tray (for MX-LC13N)
<b>MX-CF11</b>	2-Tray Inserter Unit
<b>MX-FD10</b>	Multi-folding Unit <sup>1</sup>
<b>MX-FN21</b>	4K Stacking 100-sheet Staple Finisher
<b>MX-FN22</b>	4K Stacking 100-sheet Staple/Saddle Stitch Finisher
<b>MX-PN13B</b>	3-Hole Punch Unit (for MX-FN21/FN22)
<b>MX-RB12N</b>	Paper Pass Unit (for machine)
<b>MX-RB13</b>	Relay Unit
<b>MX-RB14</b>	Paper Pass Unit (for MX-LC13)
<b>MX-RB17</b>	Large Capacity Tray Tandem Connecting Kit
<b>MX-RB27</b>	Curl Correction Unit
<b>MX-TM10</b>	Trimmer Unit
<b>MX-SCX1</b>	Staple Cartridge (for MX-FN22)
<b>MX-SCX2</b>	Staple Cartridge (for MX-FN21/FN22)
<b>MX-TR14</b>	Right Side Exit Tray
<b>MX-TU14</b>	Center Exit Tray
<b>MX-PF10</b>	Bar Code Font Kit
<b>BP-PE10</b>	External Fiery Print Server
<b>BP-PX10</b>	Fiery Interface Kit (for BP-PE10)
<b>BP-PE11</b>	Embedded Fiery Print Server
<b>BP-PX11</b>	Fiery Interface Kit (for BP-PE11)
<b>MX-BM50</b>	Ploematic Production Booklet Maker
<b>MX-GBCP3</b>	GBC SmartPunch Plus
<b>BP-SD10</b>	High Capacity SSD (512 GB)
<b>BP-VD10L</b>	Virus Detection Kit (powered by Bitdefender)
<b>BP-FR12UL</b>	Data Security Kit
<b>MX-SL10N</b>	Status Indicator
<b>MX-AMX1L</b>	Application Integration Module
<b>DVENDPSV</b>	Generic Vend Interface Kit

## Supplies

<b>BP-NT90BA</b>	Black Toner Cartridge
<b>BP-NT90CA</b>	Cyan Toner Cartridge
<b>BP-NT90MA</b>	Magenta Toner Cartridge
<b>BP-NT90YA</b>	Yellow Toner Cartridge
<b>BP-NV90BA</b>	Black Developer
<b>BP-NV90SA</b>	Cyan/Magenta/Yellow Developer
<b>MX-62NRS</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 conditions.



SHARP ELECTRONICS CORPORATION  
100 Paragon Drive, Montvale, NJ 07645  
1-800-BE-SHARP • www.sharpsusa.com

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