SHARP®   BP-90C70 BP-90C80

NOVATECH ›
BRING EVERYTHING UP TO SPEED

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 ½" x 11" paper size up to 220 gsm.

Main Specifications

BP-90C70/90C80	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.
Type	Console, color multi-function digital document system
Display	15.4" (diagonally measured) color dot matrix high-resolution touch panel tilting display. 1,280 x 800 (WXGA)
Functions	Copy, print, network print, network scan and document filing
Output System	Dry electrostatic transfer/Dual component developer/Magnetic brush development/OPC drums/Belt type fusing/white LED exposure
Originals	Sheets and bound documents
Max. Original Size	11" x 17"
Output Size	Max. 13" x 19" (with optional MX-MF10)
Copy Speed (8 1/2" x 11")	BP-90C70: 75/70 ppm Mono/Color BP-90C80: 80/80 ppm Mono/Color
Multiple Copy	Max. 9,999 copies

First Copy Time (in seconds)[2]		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

Warm Up Time	80 seconds (power button), 95 seconds (main switch)[2]
Magnification	25% to 400% in 1% increments (with document feeder 25%-200%)
Original Feed	300-sheet DSPF with original size detection
Scan Speed	Up to 280 ipm[2] (Monochrome or Color)
Original Sizes	5½ x 8½", 8½ x 11", 8½ x 11" R, 8½ x 14", 11" x 17"
Paper Capacity	Standard: 3,000 Sheets/Maximum: 13,500 Sheets
Paper Feed System	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").
Paper Weights and Types	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.
Duplexing	Standard automatic duplex copying and printing
CPU	Multi-processor Controller
Interface	RJ-45 Ethernet (10/100/1000 Base-T), USB 2.0 (2 host ports, USB 3.0 (1 device port)
Memory	Standard 6 GB
Solid State Drive	256 GB, 512 GB (option)
Copy Resolution	Scan: B&W/color: 600 x 600 dpi; Copy: Color: 600 x 600 dpi, B&W: 1,200 x 1,200 dpi
Color Modes	Photo, Full Color Mode, Monochrome (B/W)
Exposure Control	Modes: Text, Text/Photo, Text/Printed-Photo, Printed-Photo, Photo, Map, Pale-Color. Settings: Auto or 9 step manual
Halftone	256 gradations/2 levels (monochrome)
Copy Features	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.
Account Control	Up to 1,000 users. Supports user-number authentication (on device), login name/password or login name/password.
Cloud Supported Services	Google Drive, Box, OneDrive for Business, SharePoint Online, Dropbox, Gmail™, Microsoft Teams, Exchange (on-premises and online)
Network Protocols	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)

Network and Data Security	Includes IP/MAC address filtering, protocol filtering, port control, user authentication (local/LDAP/Active Directory), data encryption, TLS 1.3 Encryption, End-of-Lease
Firmware Management	Flash ROM with local (USB), network update capability and firmware update 1 to N with SRDM (Sharp Remote Device Management) available for download
Device Setup	Web-based management with user/administrator level login cloning (1 to N) with SRDM and remote front panel access
Service/Functions	Remote front panel, remote access to service logs and click counts
Accessibility Features	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.
Environmental Standards	International ENERGY STAR Program 3.2. European RoHS, Blue Angel, EPEAT Gold (beginning October 2023)
Power Source	AC 208-240 VAC, 60 HZ, 20 A Receptacle
Power Consumption	Maximum: 3,550W or less
Weight	Approx. 485 lbs.
Dimensions	Approx. 38⅜" (w) x 30¼" (d) x 60¼" (h)

Network Printing System

PDL	PCL 6 compatible, Genuine Adobe PostScript 3
Resolution	2,400 x 2,400 dpi
Print Speed	70/80 pages per minute (8½" x 11")
Print Drivers	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®
Print Features	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
Direct Printing	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
Resident Fonts	80 outline fonts (PCL), 139 fonts (PS)
Operating Systems and Environments	Windows 10/11, Windows Server 2012, Windows Server 2012 R2, Windows Server 2016/2019/2022, macOS X 10.10-10.15, mac OS 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[1]
Printing Protocols	LPR, IPP, IPP Everywhere, IPPS, Raw TCP (port 9100), FTP, POP3, POP3S, HTTP, HTTPS, and LPR and LPD for Unix

Network Scanning System

Scan Modes	Standard: Color, monochrome, grayscale
Maximum	11" x 17"
Original Size	
Optical Resolution	600 dpi
Output Modes	600 dpi, 400 dpi, 300 dpi, 200 dpi, 150 dpi, 100 dpi
Image Formats	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.
Image Compression	Monochrome: Uncompressed, G3 (MH), G4 (MR/MMR) Color/Grayscale: JPEG (high, middle, low), Compact PDF
Scan Destinations	Email, FTP, Folder (SMB), USB, Folder, OneDrive, Box, Dropbox
One-touch Destinations	Up to 2,000 (combined scan destinations)
Group Destinations	Up to 500
Programs	48 (combined)
Max. Jobs	Up to 100
Sharp OSA Platform	Application Communication Module (BP-AM10L) and External Accounting Module (BP-AM11L) standard

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

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

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

Type	4,000-sheet console stapler finisher (100-sheet stapling)
Output Trays	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)
Stapling Capacity	Up to 100 sheets (letter/statement)
Stapling Media	Plain paper, letter/legal/ledger size or mixed
Stapling Positions	1 front, 1 rear, or 2 point stitching
Saddle Stitch	Center stitch/center fold (2 staples) letter/legal/ledger paper sizes
Saddle Stitch Max. Sets	Up to 5 sets (16-20 sheets)/10 sets (11-15 sheets per set)/15 sets (6-10 sheets per set)/25 sets (1-5 sheets per set)
Hole Punching	Optional three-hole punch unit MX-PN13B
Power Source	120 VAC, 60 HZ, 15 A Receptacle
Power Consumption	200w/350w with MX-MF10
Dimensions/Weight	Approx.: 35 ¼" (w) x 30 ⅛" (d) x 41" (h) / Approx.: 238.1 lbs.

Optional Equipment[1]

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

Supplies

BP-NT90BA	Black Toner Cartridge
BP-NT90CA	Cyan Toner Cartridge
BP-NT90MA	Magenta Toner Cartridge
BP-NT90YA	Yellow Toner Cartridge
BP-NV90BA	Black Developer
BP-NV90SA	Cyan/Magenta/Yellow Developer
MX-62NRSA	Drum
MX-700HB	Toner Collection Container

[1] Some features require optional equipment. See your local dealer. [2] May vary depending on product configuration, machine settings and operating conditions.