

Pro Series Colour Document Systems

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 BP90C70 and BP90C80 Colour 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 colour 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 colour 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, colour 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 8.5" x 11" paper size up to 220 gsm.

Specifications: BP90C70/BP90C80

Main Specifications

BP90C70/ BP90C80	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 TM network printing, colour network scanning and swing-out keyboard. Black and colour developer are included.				
Type	Console, colour multi-function digital document system				
Display	15.4" (diagonally measured) colour 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 MXMF10)				
Copy Speed	BP90C70: 75/70 ppm Mono/Colour				
(8.5" x 11")	BP90C80: 80/80 ppm Mono/Colour				
Multiple Copy	Max. 9,999 copies				
First Copy Time	BP90C70		BP90C80		
(in seconds)²					
	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 Colour)				
Original Sizes	5.5" x 8.5", 8.5" x 11", 8.5" x 11" R, 8.5" 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, colour, letterhead, pre-printed and pre-punched, embossed and glossy.				
Duplexing	Standard automatic duplex copying and printing				
CPU Interface	Multi-processor Controller 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/Colour: 600 x 600 dpi; Copy: Colour: 600 x 600 dpi, B&W: 1,200 x 1,200 dpi				
Colour Modes	Photo, Full Colour Mode, Monochrome (B/W)				
Exposure Control	Modes: Text, Text/Photo, Text/Printed-Photo, Printed-Photo, Photo, Map, Pale-Colour. Settings: Auto or 9 step manual				
Half-tone	256 gradations/2 levels (monochrome)				
Copy Features	Scan-Once Print-Many, electronic sorting, offset-stacking, Auto Colour 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, centre erase, centring, 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.				
Cloud Supported Services	Google Drive, Box, OneDrive for Business, SharePoint Online, Dropbox, Gmail™, Microsoft Teams, Exchange (on-premises and online)				

Main Specifications (continued)

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.
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
Power Source	AC 208-240 VAC, 60 HZ, 20 A Receptacle
Consumption	Maximum: 3,550W or less
Weight	Approx. 485 lbs.
Dimensions	Approx. 38.375" (w) x 30.25" (d) x 60.25" (h)
Network Printing System	
PDL	PCL [®] 6 compatible, Genuine Adobe [®] PostScript [®] 3 TM
Resolution	2,400 x 2,400 dpi
Print Speed	70/80 pages per minute (8.5" 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, colour adjustment settings, colour 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: Colour, monochrome, greyscale
Maximum Original Size	11" x 17"
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. Colour/Greyscale: 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) Colour/Greyscale: 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 (BPAM10L) and External Accounting Module (BPAM11L) standard

4K 100-Sheet Stapler/Finisher (MXFN21: 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 MXPNT13B
Power Source	120 VAC, 60 HZ, 15 A Receptacle
Power Consumption	200W/350W with MXMF10
Dimensions/Weight	Approx.: 30.75" (w) x 30" (d) x 41" (h) / Approx.: 134.5 lbs.

4K 100-Sheet Stapler/Saddle-Stitch Finisher (MXFN22: 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	Centre stitch/centre 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 MXPNT13B
Power Source	120 VAC, 60 HZ, 15 A Receptacle
Power Consumption	200w/350w with MXMF10
Dimensions/Weight	Approx.: 35.25" (w) x 30.125" (d) x 41" (h) / Approx.: 238.1 lbs.

Optional Equipment¹

MXLC12	3,500-sheet Large Capacity Cassette (letter)
MXLC13N	5,000-sheet Large Capacity 2-Drawer Air-Feed Tray (ledger)
MXLCX3N	3,000-sheet Large Capacity Cassette (ledger)
MXLT10	Long Paper Feeding Tray (requires MXMF10)
BP1TKT	Long Paper Feed Tray Support Kit (requires MXLT10)
MXMF10	100-sheet Multi-bypass Tray (for machine)
MXMF11	500-sheet Multi-bypass Tray (for MXLC13N)
MXCF11	2-Tray Insert Unit
MXFD10	Multi-folding Unit ¹
MXFN21	4K Stacking 100-sheet Staple Finisher
MXFN22	4K Stacking 100-sheet Staple/Saddle-Stitch Finisher
MXPN13B	3-Hole Punch Unit (for MXFN21/FN22)
MXRB12N	Paper Pass Unit (for machine)
MXRB13	Relay Unit
MXRB14	Paper Pass Unit (for MXLC13)
MXRB17	Large Capacity Tray Tandem Connecting Kit
MXRB27	Curl Correction Unit
MXMT10	Trimmer Unit
MXSCX1	Staple Cartridge (for MXFN22)
MXSCX2	Staple Cartridge (for MXFN21/FN22)
MXTR14	Right Side Exit Tray
MXTU14	Centre Exit Tray
MXPF10	Bar Code Font Kit
BPPE10	External Fiery Print Server
BPPX10	Fiery Interface Kit (for BPPE10)
BPPE11	Embedded Fiery Print Server
BPPX11	Fiery Interface Kit (for BPPE11)
MXBM50	Packmatic Production Booklet Maker
MXGBCP3	GBC SmartPunch Plus
BPSD10	High Capacity SSD (512 GB)
BPVD10L	Virus Detection Kit (powered by Bitdefender)
BPFR12UL	Data Security Kit
MXSL10N	Status Indicator
MXAMX1L	Application Integration Module
DVENDPSV	Generic Vendor Interface Kit

Supplies

BPNT90BA	Black Toner Cartridge
BPNT90CA	Cyan Toner Cartridge
BPNT90MA	Magenta Toner Cartridge
BPNT90YA	Yellow Toner Cartridge
BPNV90BA	Black Developer
BPNV90SA	Cyan/Magenta/Yellow Developer
MX62NRSR	Drum
MX700HB	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.



Qualcomm® DirectOffice™

Bitdefender



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