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Fast print/copy output of 42 ppm

Advanced scan capture functionality right from the touchscreen control panel

Built-in Emperon Print System, PCL and PostScript emulation

Large 7" touchscreen – as easy to operate as a familiar tablet, with logical, intuitive menus

2 GB memory for fast print output, 320 GB hard disk drive for on-board document storage

Open API for seamless software integration

Compatibility with IC card readers for enhanced security

Mobile printing support (AirPrint, Google Cloud Print, NFC)

bizhub 4050

MONOCHROME COMPACT MULTIFUNCTION PRINTER

mfp

Overview

bizhub 4050	With 42 ppm print/copy output in high-resolution B&W, the bizhub 4050 delivers faster, better-looking documents. Compact, networkable and cost-efficient, it also lets you scan and share information in color from your touch-and-swipe control panel – even add optional high-speed fax for all-in-one productivity.

System Specifications

System memory	2 GB (standard)
System hard disk	320 GB (standard)
Interface	10-BASE-T/100-BASE-TX/1,000-BASE-T Ethernet, USB 2.0
Network protocols	TCP/IP (IPv4 / IPv6), SMB, LPD, IPP, SNMP, HTTP, HTTPS
Frame types	Ethernet 802.2, Ethernet 802.3, Ethernet II, Ethernet SNAP
Reversing automatic document feeder	Up to 50 originals / 5.5" x 8.5" to 8.5" x 14" / 52-120 gsm
Printable paper size	4" x 6" to 8.5" x 14" / custom paper sizes
Printable paper weight	60-163 gsm
Paper input capacity	**Standard:** 650 sheets / **Max.:** 2,300 sheets
Tray 1	550 sheets / 4" x 6" to 8.5" x 14" / 60-120 gsm
Tray 2-4 (optional)	250 or 550 sheets / 8.5" x 11 to 8.5 x 14" / 60-120 gsm
Manual bypass	100 sheets / 4" x 6" to 8.5" x 14" / custom paper sizes / 60-163 gsm
Automatic duplexing	Letter, legal / 60-90 gsm
Finishing modes	Group/sort, staple (optional)
Output capacity	**Max.:** 250 sheets
Stapling (optional)	**Max.:** 20 sheets
Copy/print volume	**Max.:** 100,000 pages / month[1]
Toner lifetime	20,000 pages
Imaging unit lifetime	60,000 pages
Power consumption	120 V / 60 Hz, less than 985 W (system)
System dimensions	19.3" x 19" x 22.1" (W x D x H)
System weight	Approx. 52 lb

Copier Specifications

Copying process	Electrostatic laser copy, tandem, indirect
Toner system	Simitri® HD Polymerized Toner
Print speed	Up to 42 ppm (Letter)
Autoduplex speed	Up to 20 ppm (Letter)
1st copy out time	8.5 sec.
Warm-up time	Approx. 77 sec.[2]
Copy resolution	600 x 600 dpi
Multi-copy	1-999
Original format	**Max:** up to 8.5" x 14"
Magnification	25-400% in .1% steps, auto zooming
Copy functions	Electronic sorting, multi-job, adjustments (contrast, sharpness, image density), proof copy, interrupt mode, color mode, separate scan, sort/group, combination, original selection, ID card copy, 2-in-1, 4-in-1

Printer Specifications

Print resolution	600 x 600 dpi, 1,200 x 1,200 dpi (reduced speed)
PDL	PCL5e/c emulation, PCL XL ver. 3.0, PostScript 3 emulation (3016), XPS ver. 1.0, OpenXPS, PDF 1.7
Operating systems	Windows (x32/x64): XP / Vista / 7 / 8 Windows Server (x32/x64): 2003 / 2003 R2 / 2008 / 2008 R2[3] / 2012[3] Macintosh OS X 10.2.8 or later Linux Citrix
Printer fonts	80 PCL Latin, 137 PostScript 3 Latin
Print functions	Direct Print of TIFF, XPS, PDF and OOXML (DOCX, XLSX, PPTX), secure print, combination, n-up, poster, booklet page order, watermark

Scanner Specifications

Scan speed	Up to 48 opm
Scan resolution	600 x 600 dpi
Scan modes	Scan-to-Email, Scan-to-SMB, Scan-to-FTP, Scan-to-USB, Scan-to-HDD, Scan-to-DPWS, Network TWAIN
File formats	JPEG, TIFF, XPS, PDF, PDF/A(1b), Compact PDF
Scan Destinations	2,100 (shared with fax), LDAP support
Scan functions	Up to 400 job programs

Fax Specifications (optional)

Fax	Super G3 (optional)
Transmission	Analog, PC-fax
Resolution	**Max:** 600 x 600 dpi (ultra-fine)
Compression	MH, MR, MMR, JBIG
Modem	Up to 33.6 Kbps
Destinations	2,100 (single + group)
Functions	Time shift, PC-fax, fax forwarding, up to 400 program dials

Options

PF-P11 Paper tray	8.5" x 11" to 8.5" x 14" / 250 sheets / up to 120 gsm
PF-P12 Paper tray	8.5" x 11" to 8.5" x 14" / 550 sheets / up to 120 gsm
DK-P02 Copier desk	Provides storage space for print media, etc.
FS-P02 Inner finisher	20-sheet corner stapling
KP-P01 10-Key pad	For use instead of touchscreen
FK-512 Fax board	Supports G3 fax communication, digital fax functionality
MK-P03 Fax mount kit	Installation kit for fax board
ID Card Reader	Various ID card technologies
LK-106 Barcode fonts	Supports native barcode printing
LK-107 Unicode fonts	Supports native Unicode printing
LK-108 OCR fonts	Supports native OCR A and B font printing
LK-111 ThinPrint® Client	Print data compression for reduced network impact
SX-4600WAN Wireless LAN	Wireless LAN to network connector

System Features

Security	ISO 15408 EAL3 (in evaluation), IP filtering and port blocking, SSL2, SSL3 and TSL1.0 network communication, IPsec support, IEEE 802.1x support, user authentication, secure print, HDD overwrite (8 standard types), HDD data encryption, copy protection (print only)
Software	PageScope Net Care Device Manager, PageScope Data Administrator, PageScope Direct Print, PageScope Mobile, Print Status Notifier, Driver Packaging Utility
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[1] Maximum monthly duty cycle describes the maximum number of pages a device can output on a monthly basis. This specification is a guidline intended to offer a comparison of durability as it relates to the entire Konica Minolta MFP and printer product line so that the appropriate device can be placed in order to meet customer needs

[2] Warm-up time may vary depending on the operating environment and usage

[3] Supports x64 only