



KONICA MINOLTA



bizhub 5021i/4221i SPECIFICATION & INSTALL GUIDE

RETHINK IT

bizhub 5021i bizhub 4221i



Giving Shape to Ideas

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bizhub 5021i/4221i SPECIFICATIONS

TYPE	PRINTER/COPIER/SCANNER/FAX	
Document Holder	Stationary (mirror scanning)	
Photoconductor	OPC	
Luminous Source	LED light-source illumination	
Copying System	Laser copy method	
Developing System	Dry single component developing method	
Resolution	Scanning: 600 x 600 dpi Printing: 2400 x 600 dpi, 1200 x 1200 dpi, 600 x 600 dpi	
Document Holder	Types: Sheets, books (2-page spreads), three-dimensional objects Size: Maximum 8.5" x 14"	
Paper	Thin Paper (16 lb to 20 lb) Plain Paper (20 lb to 28 lb) Thick Paper 1 (28 lb to 32 lb) Thick Paper 2 (32 lb to 53 lb) Recycled Paper (20 lb to 28 lb) Special Paper (20 lb to 28 lb) Letterhead (20 lb to 28 lb) Color Paper (20 lb to 28 lb) Envelopes, label sheets	
Copy Sizes	1st Tray: 4.1" x 5.8" to 8.5" x 14" Bypass Tray: 4.1" x 5.8" to 8.5" x 14"	
Paper Tray Capacity	1st Tray: Thin Paper/Plain Paper/Recycled Paper/Special Paper/Color Paper/ 5021i: 520 sheets 4221i: 250 sheets Thick Paper 1/2: 30 sheets Bypass Tray: Plain Paper/Recycled Paper/Special Paper/Letterhead/Color Paper/ 100 sheets Thick Paper 1/2 Envelopes: 10 Label Sheets: 10 sheets	
Warm-Up Time	25 seconds or less from power on (at room temperature/73° F)	
Image Loss Width	PC Print Mode	Copy Mode
	Leading edge: 0.17"	Leading edge: 0.12"
	Trailing edge: 0.17"	Trailing edge: 0.12"
	Rear edge: 0.17"	Rear edge: 0.16"
	Front edge: 0.17"	Front edge: 0.16"
First Copy	5021i: 8.7 sec. or less 4221i: 9.2 sec. or less	

bizhub 5021i/4221i SPECIFICATIONS

Print Speed* (Simplex/Duplex)	Plain Paper: 5021i: 52 pages/min. 4221i: 44 pages/min. Thick 1/Thick 2: 5021i: 25 pages/min. 4221i: 25 pages/min.
Magnification Ratios	Auto/Full Size/Manual (25% to 400%)
Multiple Copies	1 to 999 sheets
Density Control	Copy Density: Manual Density Adjustment (5 Levels)
Power Requirements	120V, 60 Hz
Power Consumption	5021i: 1.37 kW or less 4221i: 1.25 kW or less
TEC Value	5021i: 2.5 kWh 4221i: 2.0 kWh
Dimensions (with control 16.4" x 18.1" x 17.6")	5021i: 19.5" (W) x 19.5" (D) x 20.4" (H) 4221i: 16.4" (W) x 18.1" (D) x 17.6" (H)
Space requirements*	5021i: 20.5" (W) x 31.5" (D) x 28.3" (H) 4221i: 17.2" (W) x 30.1" (D) x 26.7" (H)
Memory	5021i: 2 GB (Std.) 4221i: 512 MB (Std.)
Weight	5021i: Approx. 43 lb 4221i: Approx. 37 lb
* The indicated space requirements represent the space required to pull out the paper tray and the tray extension of the bypass tray and with the ADF open.	

DUTY CYCLE

5021i: Up to 150,000 monthly.

4221i: Up to 100,000 monthly.

Maximum monthly copy/print volume supported under standard vendor supplied service. Defines the upper end of the expected customer volume for the device. Customers should consider multiple machines if average monthly volume approaches duty cycle on continual basis.



ENVIROMENTAL REQUIREMENTS

Temperature	50° F to 90° F
Humidity	20% to 80%
Noise During Operation	5021i: 70.7 dB 4221i: 68.1 dB
Noise During Standby	5021i: 49 dB 4221i: 49 dB

ELECTRICAL REQUIREMENTS

Line Operations	Dedicated	NEMA Diagram for 5-15R 
Voltage	110 V/120 V	
Cycles	60 Hz	
NEMA Part No.	5-15R	
Cord Length	6.6 ft.	

Note: The main electrical outlet must be located within 6.6 feet from the right rear corner of the bizhub 5021i/4221i main unit.

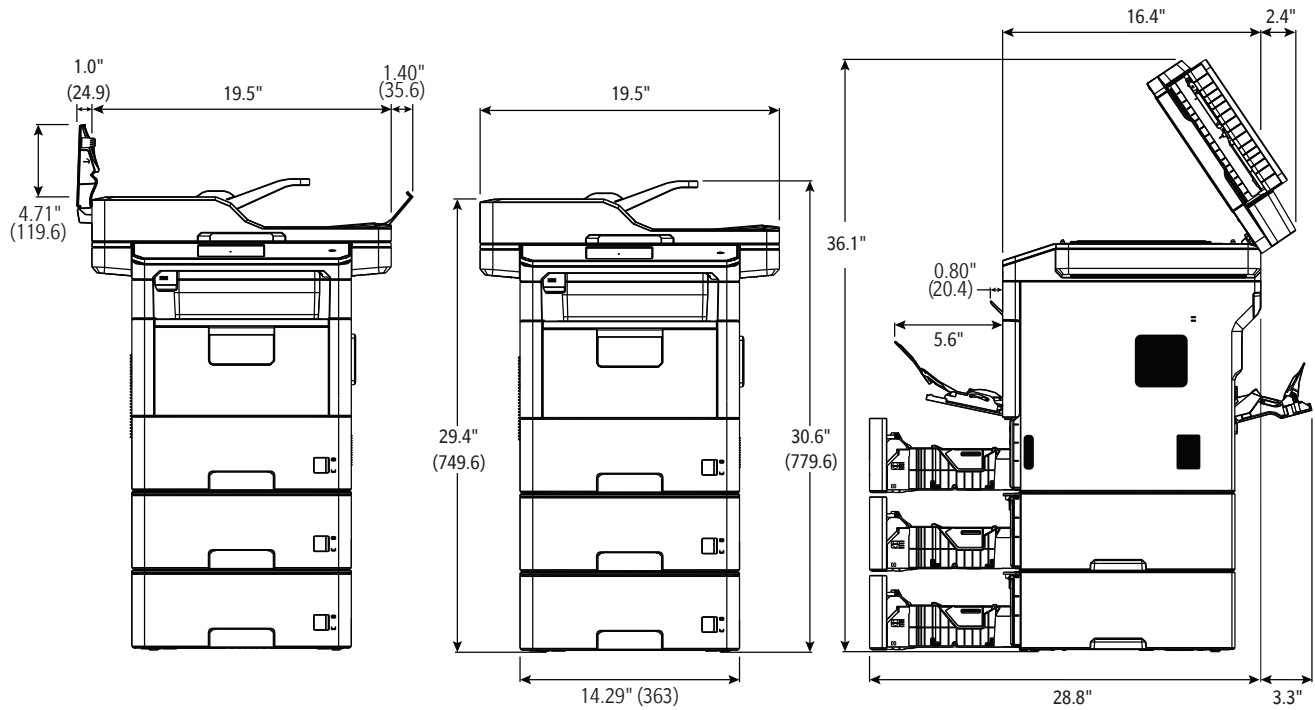
BASIC CONFIGURATION

**bizhub
5021i**

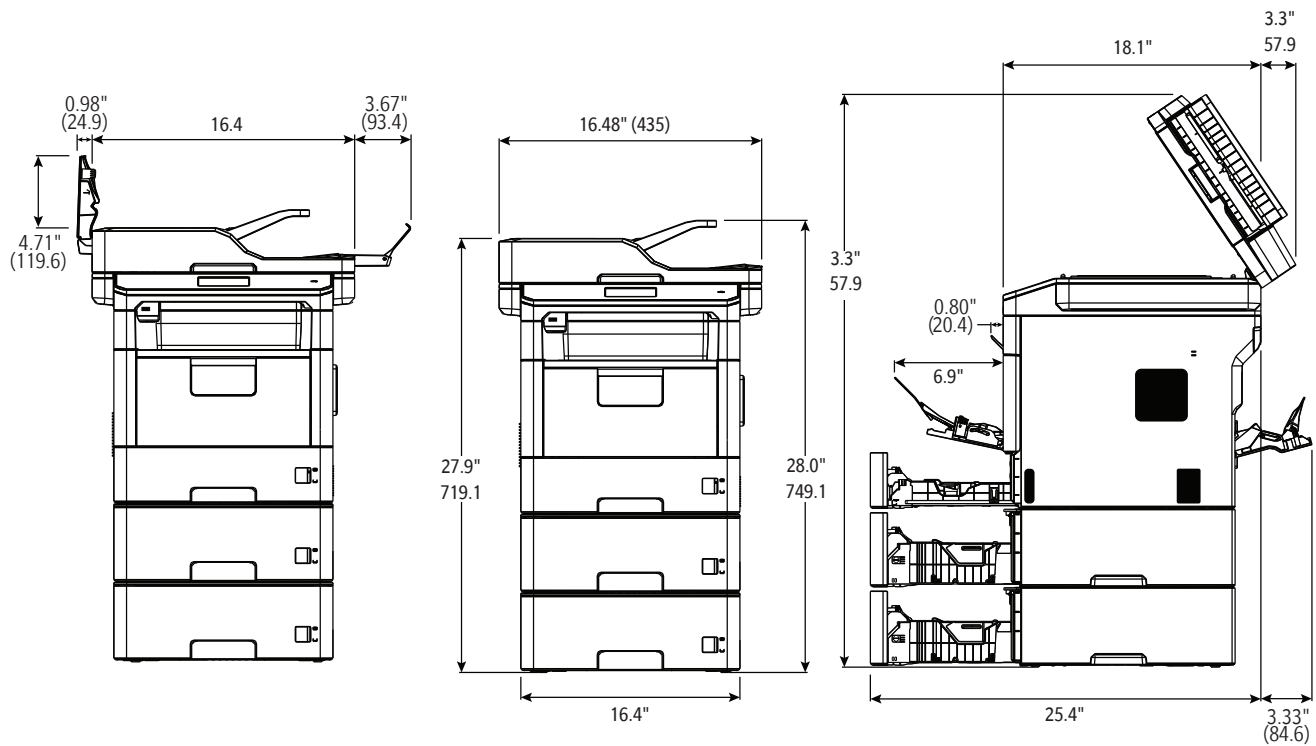


**bizhub
4221i**

SPACE REQUIREMENTS



bizhub 5021i with 2X PF-P24



bizhub 4221i with 2X PF-P24

ACCESSORIES

AUTOMATIC DUPLEX UNIT (STANDARD)



Supported Paper Type	Thin Paper (16 lb to 20 lb) Plain Paper (20 lb to 28 lb) Recycled Paper (20 lb to 28 lb) Special Paper (20 lb to 28 lb) Color Paper (20 lb to 28 lb)
Supported Paper Size	4.7" x 8.8" to 8.5" x 14"
Power Requirements	Supplied from main unit

DOCUMENT FEEDER (STANDARD)

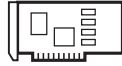


Type	5021i: Automatic 2-sided document feeder 4221i: Automatic Document Feeder
Supported Paper Size	1-Sided*/2-Sided Originals/Mixed Originals: 8.5" x 14"L to 4.1" x 5.8"Portrait *bizhub 4221i: 1-Sided only.
Supported Paper Weight	Single-Sided/Double-Sided: 17 lb bond to 24 lb bond
Paper Capacity	5021i: Max. 80 sheets 4221i: Max. 50 sheets
Scan Speed	5021i: Simplex: Up to 50 ipm (BW); Up to 30 ipm (Color) Duplex: Up to 100 ipm (BW); Up to 60 ipm (Color) 4221i: Simplex: Up to 30 ipm (BW); Up to 20 ipm (Color) Duplex: Up to 60 ipm (BW); Up to 42 ipm (Color) ipm duplex (mono/color)
Scan Resolution	Up to 600 x 600 dpi
Power Requirements	Supplied from main unit.

continued

ACCESSORIES

FAX KIT



Number of Stored Pages	Up to 500 pages
Communication	ECM/Super G3
Compatible Lines	PSTN, PBX, ISDN
Scanning Line Density	Standard: 200 x 100 dpi Fine/Photo: 200 x 200 dpi Super Fine: 200 x 400 dpi
Modem Speed	2.4 kbps-33.6 kbps
Compression	MH/MR/MMR/JBIG
Scanning/(Sending) Paper Size	Original Glass: 5021i: Max: 8.5" x 14" 4221i: Max: 8.5" x 11.8" ADF: 4.1" x 5.8" to 8.5" x 14"
Recording Paper Size	8.5" x 14" to 4.1" x 5.8"
Transmission Speed	2 sec. (A4, V.34, 33.6 Kbps, JBIG)
Transmitting Functions	Duplex TX, Fax Preview, Broadcasting, Delayed Fax, Cover Page, PC-Fax (Windows), Address Book, Fax Reports
Receiving Functions	Memory RX, Ring Delay, Shrink Page Size, Duplex RX Printing, Fax RX Stamp, Remote Fax Retrieval

PF-P23 PAPER FEED CABINET



Number of Stored Pages	1 x 250 sheet drawer
Supported Paper Types	Thin Paper (16 lb bond to 20 lb bond), Plain Paper (20 lb bond to 28 lb bond), Recycled Paper (20 lb to 28 lb), Letterhead (16 lb bond to 24 lb bond), Colored Paper (16 lb bond to 24 lb bond)
Supported Paper Size	8.5" x 14" to 5.8" x 8.25"
Paper Capacity	250 sheets
Power Requirements	Supplied from Main Unit
Dimensions (W x D x H)	14.3" x 15.1" x 4.8"
Weight (Approx.)	6.2 lb

continued

ACCESSORIES

PF-P24 PAPER FEED CABINET



Type	1 x 520 sheet drawer
Supported Paper Types	Thin Paper (16 lb bond to 20 lb bond), Plain Paper (20 lb bond to 28 lb bond), Recycled Paper (20 lb to 28 lb), Letterhead (16 lb bond to 24 lb bond), Colored Paper (16 lb bond to 24 lb bond)
Supported Paper Size	8.5" x 14" to 5.8" x 8.25"
Paper Capacity	520 sheets
Power Requirements	Supplied from Main Unit
Dimensions (W x D x H)	14.3" x 15.1" x 5.8"
Weight (Approx.)	8.6 lb

PRINT CONTROLLER (STANDARD)

Type	Internal Type
CPU	1.2 Dual Core GHz
Memory	5021i: 2 GB 4221i: 512 MB
Print Speed (Color/BW)	5021i: 52 ppm Letter 4221i: 44 ppm Letter
Print Resolution	600 x 600 dpi, 1200 x 1200 dpi, 2400 x 600 dpi
PDL	PCL6, PS 3 Emulation, XPS 1.0 Emulation, PDF 1.7 Emulation, Epson FX-850 Emulation
Font	PCL Resident Fonts: 73 Scalable Fonts plus 12 Bitmapped Fonts PS3 Emulation Resident Fonts: 66 Scalable Fonts
Interface	Standard Ethernet (10Base-T/100Base-TX/1000Base T), Hi-Speed USB 2.0, Wireless (5 GHz) IEEE 802.11 a/n; Wi-Fi Direct IEEE 802.11 a/n, 2 Japanese fonts
AU-204H MAGNETIC STRIPE CARD READER (Compatible with bizhub 5021i Only)	Dimensions WxDxH 1.3" x 1.2" x 3.9", Weight 4.5 oz., Power Supply Supplied from USB Port, System Conditions (operating mode), Ambient Temperature: 40° to 158° F Humidity: 10% to 90%, Transmit Frequency 3-60 i.p.s., Certifications ISO 7810 and ISO 7811/AAMVA, Card Type Compatibility All magnetic stripe cards
AU-205H IC CARD READER (Compatible with bizhub 5021i Only)	Dimensions WxDxH 2.8" x 3.7" x 0.6", Weight 0.25 lb, Power Supply Supplied from USB Port, System Conditions Ambient Temperature: 31° to 150° F (operating mode), Humidity: 5% to 95%, Card/Protocols HID PROX, HID Indala® Prox, EM Prox Low Frequency (125 kHz), Card/Protocols High Frequency (13.5 MHz) CCID: MIFARE Classic™ 1K/4K, Ultra Light, Ultra Light C, Plus, MIFARE DESFire™ 0.6, MIFARE DESFire™ EV1, IC Card, iClass SE/SR®, MIFARE SE™, DESFire EV1 SE, T=CL, ISO 14443 A with up to 848 kbps transmission rate (depending on card*), ISO 15693 with up to 26 kbps transmission rate (depending on card)
YSOFT MFX CARD READER (Compatible with bizhub 5021i Only) Interface USB 2.0	Dimensions (W x D x H) Approx. 3.4" x 2.0" x 0.8", Weight Approx. 0.16 lb., Max. Power Consumption 500 mA, System Conditions Ambient temperature: 41° to 95° F (during operation), Humidity: 20% to 85% (No dew condensation)

NETWORK FUNCTIONS

Sending the Scanned Data in an Email Message	Scanned data can be sent to a specified Email address. Scanned data is sent as an Email attachment.
Sending Scanned Data as Files (FTP)	Scanned data is uploaded to a specified FTP server. The data files uploaded to the FTP server can be downloaded from a computer on the network.
Sending Scanned Data to a Computer on the Network (SMB)	Scanned data can be sent to a shared folder on a specified computer

PRINT DRIVERS

PCL 6 PostScript 3 Emulation	Windows 11, Windows Server 2016 / 2019 / 2022 / 2025, macOS 12 - 15 (PostScript only) Linux RPM, DEB
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SCANNING FUNCTION

Type	Full-Color Scanner
Scanning Size	8.5" x 14" to 4.1" x 5.8"
Scanning Resolution	ADF: Up to 600 x 600 dpi Platen Glass: Up to 1200 x 1200 dpi
Scanning Speed*	bizhub 5021i: Simplex: Up to 50 ipm black/30 ipm color Duplex: Up to 100 ipm black/60 ipm color bizhub 4221i: Simplex: Up to 28 ipm black/20 ipm color Duplex: Up to 40 ipm black/56 ipm color
Main Function	Scan-to-Email, Scan-to-FTP, Scan-to-USB, Scan-to-SharePoint, TWAIN
Interface	10Base-T/100Base-TX/1000Base-T
Supported OS	Windows 11, Windows Server 2016; Windows Server 2019; Windows Server 2022, Windows Server 2025, macOS 12-15
Output Format	PDF / PDF/A / JPEG / XPS / TIFF / BMP
Driver	Windows: TWAIN / WIA Mac: ICA

* Text and image scanning speeds vary depending on the type of document.



SOFTWARE TOOLS

Network & Device Management	Driver Packaging Utility Remote Deployment Tools WLAN Setup Wizard
User Tools	Direct Print Konica Minolta Mobile Print for iPhone/iPad Konica Minolta Mobile Print for Android Driver Packaging Utility Download Manager iPrint & Scan / iPrint & Scan for Mac Web Based Management Mopria for Android
Management Tools	bizhub vCare

SECURITY

	Because information assets are critical, a company needs to effectively protect against the many security risks it faces 1) Prevent unauthorized use of equipment 2) Effective data encryption 3) Protect data from being altered, duplicated or deleted 4) Prevent unauthorized access to data via the Internet 5) Manage log history
Protective Functions	• Integrated NFC Card Reader (5021i) • Secure Function Lock 3.0 (limits functions available to public users) • Lock Password (blocks unauthorized access to machine settings) • Global IP Address Detection • Active Directory Authentication • Enterprise Security (802.1x) Authentication for Wired or Wireless Networks • Secure Print • LDAP Authentication • SSL/TLS • IPSec • SNMP v3
Optional Protective Functions	• AU-204H Magnetic Stripe Card Reader • AU-205H IC Card Reader • YSoft MFX Card Reader



PAPER CONSIDERATIONS

PAPER SIZE CONVERSION CHART

Paper	Letter	Letter R	Legal	Statement	Statement R
Measurement	8.5" x 11"	11" x 8.5"	8.5" x 14"	5.5" x 8.5"	8.5" x 5.5"

PAPER WEIGHT CONFERSION CHART

								CALIPER	
gsm	Bond	Offset	Cover	Tag	Index	Point	Bristol	inches	mm
60.20	16	40	22	37	33	3.2	27.4	0.0032	0.081
67.72	18	45	24	41	37	3.6	30.9	0.0036	0.092
75.20	20	50	28	46	42	3.8	34.3	0.0038	0.097
90.30	24	60	33	56	50	4.8	41.2	0.0048	0.120
105.35	28	70	39	64	58	5.8	48.1	0.0058	0.147
109.11	29	73	40	62	60	6.0	49.8	0.0060	0.152
116.63	31	81	45	73	66	6.1	53.2	0.0061	0.155
131.68	35	90	48	80	74	6.2	60.1	0.0062	0.157
135.45	36	90	50	82	75	6.8	61.8	0.0068	0.173
146.73	39	100	54	90	81	7.2	67.0	0.0072	0.183
150.50	40	100	56	93	83	7.3	68.7	0.0073	0.185
161.78	43	110	60	100	90	7.4	73.8	0.0074	0.188
165.55	44	110	61	02	92	7.6	75.5	0.0076	0.193
176.83	47	120	65	108	97	8.0	80.7	0.0078	0.198
199.41	53	135	74	122	110	9.0	91.0	0.0085	0.216
203.17	54	137	75	125	113	9.0	92.7	0.0090	0.229
218.22	58	146	80	134	120	9.5	99.6	0.0092	0.234
244.56	65	165	90	150	135	10.0	111.6	0.0095	0.241
252.08	67	170	93	156	140	10.5	115.1	0.0100	0.250
270.90	72	183	100	166	150	11.0	123.7	0.0110	0.289
285.95	76	192	105	175	158	13.0	130.5	0.0130	0.330
308.52	82	208	114	189	170	14.0	140.8	0.0140	0.356
312.00	87	220	120	200	180	15.0	142.4	0.0150	0.380
385.06	105	267	146	244	220	18.0	175.8	0.0175	0.445

PAPER TYPE SPECIFICATIONS

Thin Paper	Thin Paper is paper weighing between 16 lb and 20 lb bond. It can be fed via any paper tray, except the bypass tray.
Normal (Plain Paper)	The Normal paper is used for copying in general and is called "PPC paper." The normal paper is usually not a recycled paper. Specify [Normal] to the tray to which the normal paper or the recycled paper is loaded for copying.
Recycled Paper	Recycled Paper is identified as recycled paper along with a designation as to the percentage of the paper that is actually made from recycled materials. Generally speaking, these devices will support recycled paper weighing between 20 lb and 28 lb bond.
Thick Paper 1	Thick Paper 1 is paper weighing between 28 lb and 32 lb bond. It can be fed via any paper tray.
Thick Paper 2	Thick Paper 2 is paper weighing between 32 lb and 53 lb bond. It can be fed via any paper tray.
Special Paper	A thin or other specialty type paper that falls within the paper weight specification and appears on the Recommended Paper Stock List.
Envelopes	Specify [Envelope] for bypass tray.



RECOMMENDED PAPER STOCKS

Class.	Weight	Brand of Paper	Size
Plain Paper — Color			
Plain Paper	20 lb Bond (75 gr)	Domtar Recycled Copy (30% Post Consumer)	8.5" x 11"
Plain Paper	24 lb Bond (90 gr)	Hammermill LaserPrint	8.5" x 11"
Plain Paper — B/W			
Plain Paper	20 lb Bond (75 gr)	Hammermill Tidal MP	8.5" X 11"
Double-Sided Glossy			
Thick 1	32 lb Bond (120 gr)	Mohawk Color Copy Gloss Pure White	8.5" x 11"
Thick 1	80 lb Text (118 gr)	Sappi Opus Gloss	8.5" x 11"
Thick 1	90 lb Text (133 gr)	SMART Kromekote Laser High Gloss Coated Two Sides*	8.5" x 11"
Labels			
Avery Dennison 6870 (30 labels per sheet)			8.5" x 11"
Avery Dennison 6873 (8 labels per sheet)			8.5" x 11"
Avery Dennison 6876 (2 labels per sheet)			8.5" x 11"
Avery 6878 4-UP labels for Color Laser			8.5" x 11"
Envelopes			
Envelopes	24 lb	Preservation Wove 5789 #6 3/4	3.85" x 6.5" (98 x 165 mm)

HOW TO BUILD A SYSTEM FOR THE bizhub 5021i/4221i DIGITAL PRINTER/COPIER/SCANNER/FAX (FROM START TO FINISH)

STEP 1: BASE UNIT

5021i Digital Printer/Copier/Scanner/Fax

Includes PS, PCL & XPS Controller
Wireless Network Interface
Automatic Duplex Unit
80-sheet Dual Scan Document Feeder
520-sheet Paper Cassette
2 GB Standard Memory
Fast Ethernet
High-speed USB 2.0
8K Starter Toner Cartridge
50K Imaging Unit

4221i DIGITAL PRINTER/COPIER/SCANNER/FAX

Includes PS, PCL & XPS Controller
Wireless Network Interface
Automatic Duplex Unit
50-sheet Automatic Document Feeder
512 MB Standard Memory
Fast Ethernet
High-speed USB 2.0
8K Starter Toner Cartridge
50K Imaging Unit

STEP 2: PAPER HANDLING OPTIONS

PF-P23 Paper Feed Unit
(250 sheets, maximum 2)

PF-P24 Paper Feed Unit
(520 sheets, maximum 2)

STEP 3: FINISHING OPTION

CS-2 Convenience Staple

STEP 4: ADDITIONAL OPTION

AU-204H Magnetic Stripe Card Reader
(Compatible with bizhub 5021i Only)

AU-205H Gen2 IC Card Reader
(Compatible with bizhub 5021i Only)

YSoft MFX Card Reader (Compatible with bizhub 5021i Only)

PTL-5A Paper Tray Lock



ACCESSORY OPTIONS FOR bizhub 5021i/4221i PRINTER/COPIER/SCANNER/FAX

DIGITAL

ITEM	ITEM NO.	DESCRIPTION	NOTES
BASE UNIT			
bizhub 5021i	AF26011	Digital Printer/Copier/Scanner/Fax	Includes PS, PCL & XPS Controller, Wireless Network Interface, Automatic Duplex Unit, 80-sheet Dual Scan Document Feeder, 520-sheet Paper Cassette, 2 GB Standard Memory, Fast Ethernet, High-speed USB 2.0, 8K Starter Toner Cartridge, and 50K Imaging Unit
bizhub 4221i	AF28011	Digital Printer/Copier/Scanner/Fax	Includes PS, PCL & XPS Controller, Wireless Network Interface, Automatic Duplex Unit, 50-sheet Automatic Document Feeder, 250-sheet Paper Cassette, 512 MB Standard Memory, Fast Ethernet, High-speed USB 2.0, 8K Starter Toner Cartridge, and 50K Imaging Unit
PAPER HANDLING OPTIONS			
PF-P23	ACEVWY1	Paper Feed Unit	Lower feeder unit adds 250 sheets of paper capacity (8.5" x 11" or 8.5" x 14"). Add up to 2. Total paper capacity: 800 sheets.
PF-P24	ACEWWY1	Paper Feed Unit	Lower feeder unit adds 520 sheets of paper capacity (8.5" x 11" or 8.5" x 14"). Add up to 2. Total paper capacity: 1,610 sheets.
FINISHING OPTION			
CS-2	7640013463	Convenience Stapler	Standalone electronic stapler.
ADDITIONAL OPTION			
AU-204H	7640013468	Magnetic Stripe Card Reader	Allows authorized access to the MFP using Magnetic Stripe Cards. Compatible with bizhub 5021i only.
AU-205H	R5427000136466	IC Card Reader	Allows access to the MFP via HID Proximity Cards. Compatible with bizhub 5021i only.
YSOFT	YSQB09030771	YSOFT MFX Reader	Config Life Warranty Compatible with bizhub 5021i only.
PTL-5A	PTL5A	Paper Tray Lock	Locks one paper tray.

CONSUMABLE YIELDS

CONSUMABLE	ITEM NO.	YIELD	COMPATIBILITY
TNP100 Toner – Black	AF2A030	11,000	5021i/4221i
TNP99 Toner – Black	AF2A031	18,000	5021i
IUP42 Drum Imaging Unit	AF2D01F	50,000	5021i/4221i
SK-602 Staples	14YK	5,000 x3	For CS-2 Convenience Stapler

* Based on 5% total coverage.

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For complete information on Konica Minolta products and solutions,
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KONICA MINOLTA BUSINESS SOLUTIONS U.S.A., INC.
100 Williams Drive, Ramsey, New Jersey 07446

CountOnKonicaMinolta.com



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