



bizhub 5000i/4000i

Specification & Installation Guide



KONICA MINOLTA

bizhub 5000i/4000i Specifications	
Type	Printer
Photoconductor	OPC
Developing System	Dry single component developing method
Resolution	1200 x 1200 dpi, 2400 x 600 dpi
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, postcards
Print 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/ 1-Sided Special Paper: 5000i: 520 sheets 4000i: 250 sheets Thick Paper 1/2: 20 sheets Bypass Tray: Plain Paper/Recycled Paper/Special Paper/Letterhead/Color Paper/ 1-Sided Special Paper: 50 sheets Thick Paper 1/2/Postcards: 10 sheets Envelopes: 10 Label Sheets: 10 sheets
Warm-Up Time	Less than 27 seconds (at room temperature/73° F)
Image Loss Width	Leading edge: 0.166" Trailing edge: 0.166" Rear edge: 0.166" Front edge: 0.166"
First Print	5000i: 7.5 sec. or less 4000i: 7.2 sec. or less
Print Speed* (Simplex/Duplex)	Plain Paper: 5000i: 52 pages/min. 4000i: 42 pages/min. Thick 1/Thick 2: 5000i: 25 pages/min. 4000i: 25 pages/min.
Power Requirements	120V, 60 Hz
Power Consumption	5000i: 690 W or less 4000i: 620 W or less

bizhub 5000i/4000i Specifications	
TEC Value	5000i: 2.4 kWh 4000i: 1.8 kWh
Dimensions (with control panel)	5000i: 15.7" (W) x 15.6" (D) x 11.3" (H) 4000i: 14.7" (W) x 15.3" (D) x 11.3" (H)
Space requirements*	5000i: 15.8" (W) x 24.3" (D) x 13.4" (H) 4000i: 14.7" (W) x 23.8" (D) x 11.9" (H)
Memory	5000i: 512 MB 4000i: 256 MB
Weight	5000i: Approx. 29 lb 4000i: Approx. 27 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
<p>5000i: Up to 150,000 monthly. 4000i: Up to 100,000 monthly.</p> <p>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.</p>

Environmental Requirements	
Temperature	50° F to 90° F
Humidity	20% to 80%
Noise During Operation	5000i: 70.2 dB 4000i: 68.1 dB
Noise During Standby	5000i: 48 dB 4000i: 47 dB

Electrical Requirements		
Line Options	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 5000i/4000i main unit.		

Basic Configuration

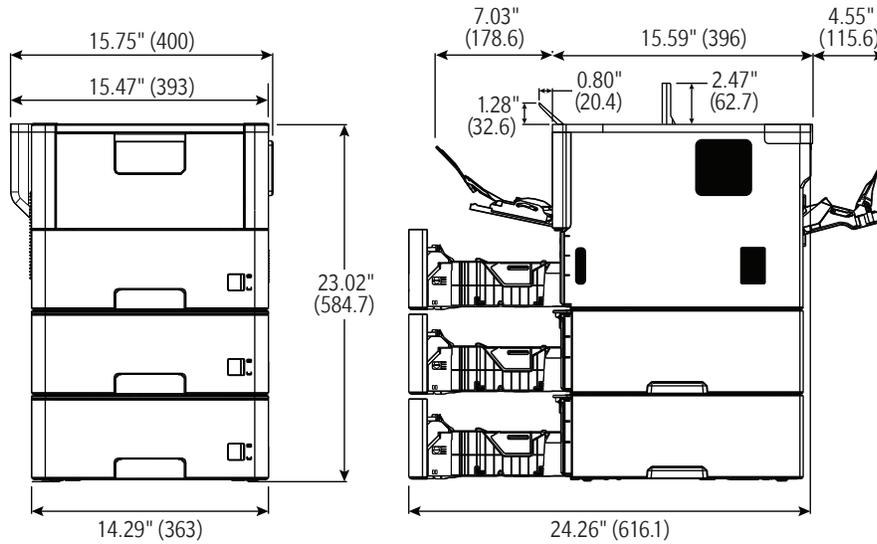
**bizhub
4000i**



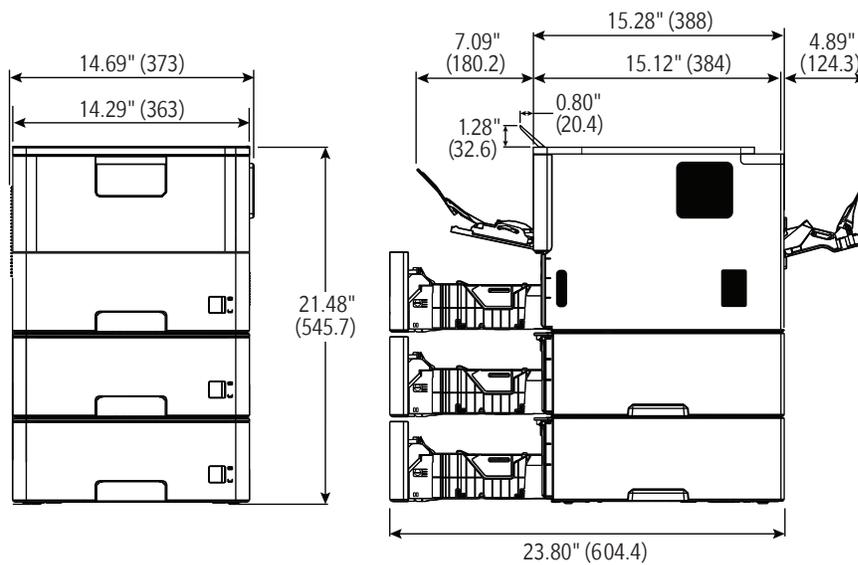
**bizhub
5000i**



Space Requirements



bizhub 5000i with 2X PF-P24



bizhub 4000i 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

PF-P23 Paper Feed Cabinet

	
Type	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 (21 lb)
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

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	800 MHz
Memory	5000i: 512 MB 4000i: 256 MB
Print Speed (BW)	5000i: 52 ppm Letter 4000i: 42 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 Host, Wireless IEEE 802.11 b/g/n, Wi-Fi Direct IEEE 802.11 g/n

Print Drivers	
PCL 6 PostScript 3 Emulation	Windows 7/8.1/10 (32-bit and 64-bit) Windows Server 2008 (32-bit and 64-bit) Windows Server 2008 R2/2012/2012 R2/2016/2019 (64-bit) Mac OSX 10.10/10.11/10.12/10.13/10.14 (PostScript only) Red Hat Enterprise Linux 5 or later

Software Tools	
Network & Device Management	Driver Packaging Utility Net Care Device Manager Remote Deployment Tools WLAN Setup Wizard
User Tools	Direct Print Konica Minolta Mobile Print for iPhone/iPad Konica Minolta Mobile Print for Android Konica Minolta Mobile Print for Windows Web Connection Mopria for Android
Management Tools	bizhub vCare

Security	
<p>Because information assets are critical, a company needs to effectively protect against the many security risks it faces.</p>	<ol style="list-style-type: none"> 1) Prevent Leaks of proprietary, confidential or personal information 2) Prevent unauthorized use of equipment 3) Effective data encryption 4) Protect data from being altered, duplicated or deleted 5) Prevent unauthorized access to data via the Internet 6) Protect against cyber attacks 7) Manage log history
<p>Protective Functions</p>	<ul style="list-style-type: none"> • Active Directory • Enterprise Security (802.1x) • Lock Slot • Secure Print • LDAP • SSL/TLS • IPSec

Paper Considerations						
Paper Size Conversion Chart						
Paper	Letter	Letter R	Legal	Tabloid	Statement	Statement R
Measurement	8.5" x 11"	11" x 8.5"	8.5" x 14"	11" x 17"	5.5" x 8.5"	8.5" x 5.5"

Paper Weight Conversion 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	102	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

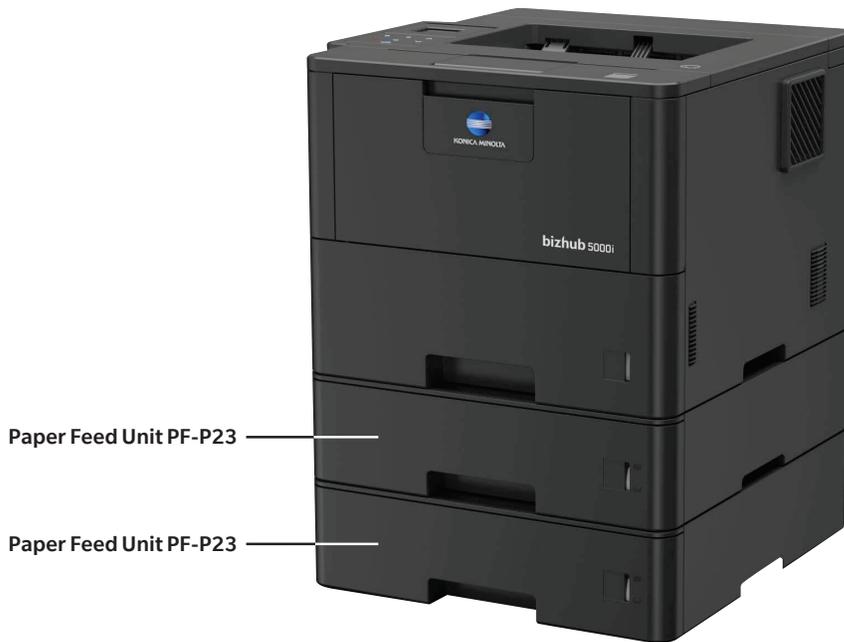
Paper Type Specifications	
Thin Paper	Thin Paper is paper weighing between 16 lb and 20 lb bond. It can be fed via any paper tray, except the bypass tray.
Normal (Plain Paper)	The Normal paper is used for copying in general and is called "PPC paper." The normal paper is usually not a recycled paper. 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.
Postcards	A Postcard is defined as a rectangular piece of the thick paper or thin cardboard. This product series supports 4" x 6" size postcards. Postcards are fed only via the 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	22 lb Bond (80 gr)	Konica Minolta CF Paper	8.5" X 11"
Plain Paper	22 lb Bond (80 gr)	Konica Minolta CF Paper	11" X 17"
Plain Paper	22 lb Bond (80 gr)	Konica Minolta CF Paper	12" X 18"
Plain Paper	24 lb Bond (89 gr)	SMART Carnival Stellar White	8.5" x 11"
Plain Paper	24 lb Bond (89 gr)	SMART Carnival White	8.5" x 11"
Plain Paper	24 lb Bond (90 gr)	SMART Synergy Bond 25% Cotton	8.5" x 11"
Plain Paper	24 lb Bond (90 gr)	Domtar Microprint Laser	8.5" x 11"
Plain Paper	24 lb Bond (90 gr)	Mohawk Color Copy 98 Bright White	8.5" x 11"
Thick 1	28 lb Bond (105 gr)	Konica Minolta CF Paper	8.5" X 11"
Thick 1	28 lb Bond (105 gr)	Konica Minolta CF Paper	11" X 17"
Thick 1	28 lb Bond (105 gr)	Konica Minolta CF Paper	12" X 18"
Thick 1	28 lb Bond (105 gr)	Domtar Microprint Color Copy	8.5" x 11"
Thick 1	32 lb Bond (120 gr)	Hammermill Color Copy	8.5" X 11"
Thick 1	32 lb Bond (120 gr)	Hammermill Color Copy Paper – Photo White	8.5" x 11"
Thick 2	60 lb Cover (163 gr)	Hammermill Color Copy	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 5889 Postcard			8.5" x 11"
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)

* Paper cannot be used in a high humidity environment.

How to Build a System for the bizhub 5000i/4000i Digital Printer (from start to finish)

Step 1: Base Unit		Step 2: Paper Handling Options	
■	5000i Digital Printer <i>Includes PS, PCL & XPS Controller, Wireless Network Interface, Automatic Duplex Unit, 520-sheet Paper Cassette, 512 MB Standard Memory, Fast Ethernet, High-speed USB 2.0 Host, 8K Starter Toner Cartridge, and 50K Imaging Unit</i>	<input type="checkbox"/>	PF-P23 Paper Feed Unit <i>(250 sheets, maximum 2)</i>
■	4000i Digital Printer <i>Includes PS, PCL & XPS Controller, Wireless Network Interface, Automatic Duplex Unit, 250-sheet Paper Cassette, 256 MB Standard Memory, Fast Ethernet, High-speed USB 2.0 Host, 8K Starter Toner Cartridge, and 50K Imaging Unit</i>	<input type="checkbox"/>	PF-P24 Paper Feed Unit <i>(520 sheets, maximum 2)</i>
		Step 3: Finishing Option	
		<input type="checkbox"/>	CS-1 Convenience Staple
		Step 4: Additional Option	
		<input type="checkbox"/>	PTL-5A Paper Tray Lock



Accessory Options for bizhub 5000i/4000i Digital Printer			
ITEM	ITEM NO.	DESCRIPTION	NOTES
BASE UNIT			
bizhub 5000i	ACF1011	Digital Printer	Includes PS, PCL & XPS Controller, Wireless Network Interface, Automatic Duplex Unit, 520-sheet Paper Cassette, 512 MB Standard Memory, Fast Ethernet, High-speed USB 2.0 Host, 8K Starter Toner Cartridge, and 50K Imaging Unit
bizhub 4000i	ACE1011	Digital Printer	Includes PS, PCL & XPS Controller, Wireless Network Interface, Automatic Duplex Unit, 250-sheet Paper Cassette, 256 MB Standard Memory, Fast Ethernet, High-speed USB 2.0 Host, 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-1	7640013463	Convenience Stapler	Standalone electronic stapler.
ADDITIONAL OPTION			
PTL-5A	PTL5A	Paper Tray Lock	Locks one paper tray.

CONSUMABLE YIELDS*			
CONSUMABLE	ITEM NO.	YIELD	COMPATIBILITY
TNP76 Toner – Black	ACF0030	12,000	5000i/4000i
TNP75 Toner – Black	ACF0031	20,000	5000i
IUP37 Drum Imaging Unit	ACEY02D	50,000	5020i/4020i/5000i/4000i
SK-602 Staples	14YK	—	

* Based on 5% total coverage.

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