



KONICA MINOLTA



bizhub 5001i/4201i SPECIFICATION & INSTALLATION GUIDE

RETHINK IT

bizhub 5001i/4201i



Giving Shape to Ideas

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bizhub 5001i/4201i SPECIFICATIONS

TYPE	PRINTER
Photoconductor	OPC
Developing System	Dry single component developing method
Resolution	2400 x 600 dpi, 1200 x 1200 dpi, 600 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
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: 5001i: 520 sheets 4201i: 520 sheets Thick Paper 1/2: 20 sheets Bypass Tray: Plain Paper/Recycled Paper/Special Paper/Letterhead/Color Paper: 100 sheets Thick Paper 1/2: 10 sheets Envelopes: 10 Label Sheets: 10 sheets
Warm-Up Time	25 seconds or less from power on (at room temperature/73° F)
Image Loss Width	Leading edge: 0.17" Trailing edge: 0.17" Rear edge: 0.17" Front edge: 0.17"
First Print	5001i: 7.5 sec. or less 4201i: 7.2 sec. or less
Print Speed* (Simplex/Duplex)	Plain Paper: 5001i: 52 pages/min. 4201i: 44 pages/min. Thick 1/Thick 2: 5001i: 25 pages/min. 4201i: 25 pages/min.
Power Requirements	120V, 60 Hz
Power Consumption	5001i: 720 W or less 4201i: 680 W or less
TEC Value	5001i: 0.61 kWh 4201i: 0.52 kWh
Dimensions (with control panel)	5001i: 15.8" (W) x 15.6" (D) x 12.6" (H) 4201i: 14.7" (W) x 15.3" (D) x 11.4" (H)
Space requirements*	5001i: 15.8" (W) x 28.8" (D) x 12.6" (H) 4201i: 14.7" (W) x 28.7" (D) x 11.4" (H)
Memory	5001i: 1 GB 4201i: 256 MB
Weight	5001i: Approx. 28.9 lb 4201i: Approx. 27 lb

DUTY CYCLE

bizhub 5001i/4201i

5001i: Up to 150,000 monthly.**4201i:** 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.

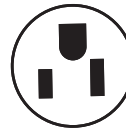
ENVIRONMENTAL REQUIREMENTS

TYPE	DESCRIPTION
Temperature	50° F to 90° F
Humidity	20% to 80%
Noise During Operation	5001i: 70.7 dB 4201i: 69.0 dB
Noise During Standby	5001i: 49 dB 4201i: 49 dB

ELECTRICAL REQUIREMENTS

TYPE	DESCRIPTION
Line Options	Dedicated
Voltage	110 V/120 V
Cycles	60 Hz
NEMA Part No.	5-15R
Cord Length	6.6 ft.

NEMA Diagram for 5-15R



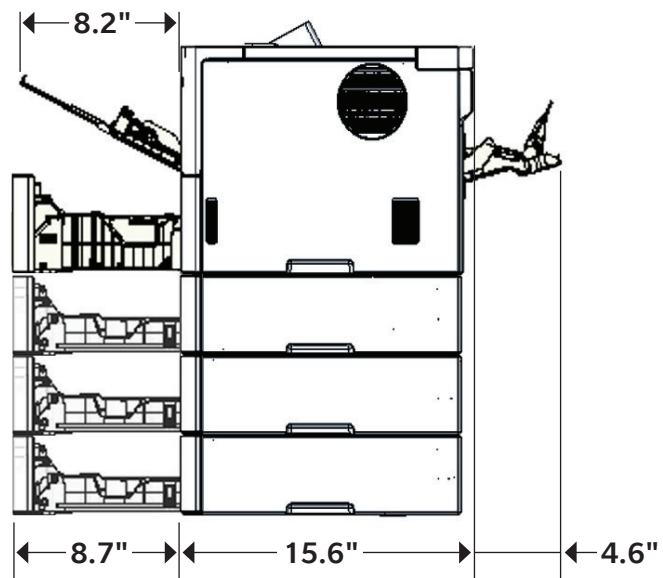
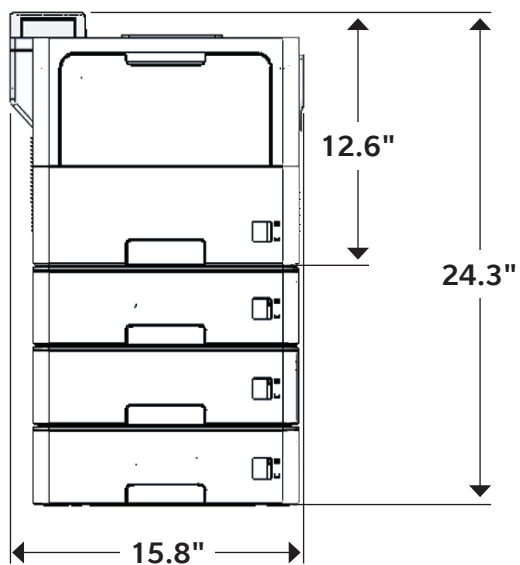
Note: The main electrical outlet must be located within 6.6 feet from the right rear corner of the bizhub 5001i/4201i main unit.

BASIC CONFIGURATION

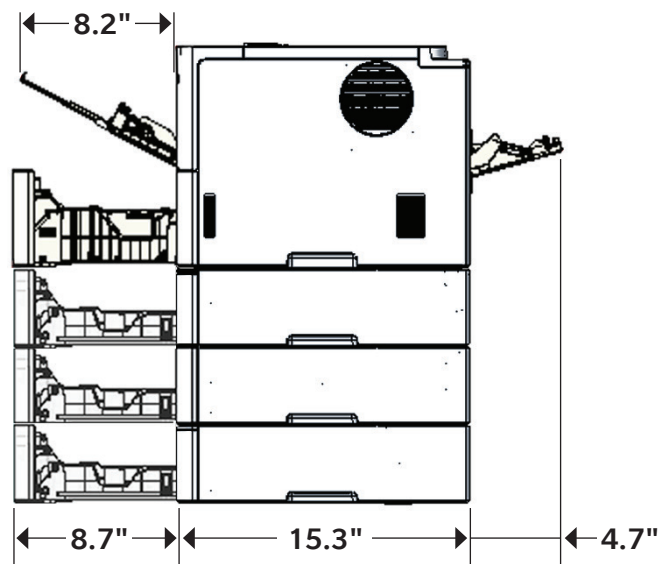
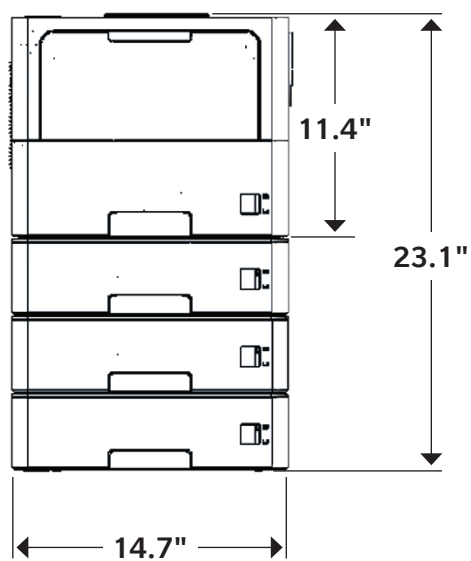
**bizhub 5001i****bizhub 4201i**

SPACE REQUIREMENTS

bizhub 5001i



bizhub 4201i



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



ACCESSORIES

AU-204H MAGNETIC STRIPE CARD READER

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

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)	CID: 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) *424 kbps default rate, 848 kbps configurable through web interface.

YSOFT MFX CARD READER

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)

PRINT CONTROLLER (STANDARD)

Type	Internal Type
CPU	1.2GHz Dual Core
Memory	5001i: 1 GB 4201i: 256 MB
Print Speed (8W)	5001i: 52 ppm Letter 4201i: 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,
Protocol	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 (2.4 GHz) IEEE 802.11 b/g/n; Wi-Fi Direct IEEE 802.11 g/n Wireless (5 GHz) IEEE 802.11 a/n; Wi-Fi Direct IEEE 802.11 a/n

PRINT DRIVERS

PCL 6	Windows 11
PostScript 3 Emulation	Windows Server 2025, 2022, 2019, 2016 MacOS 12-15 Linux RPM, DEB

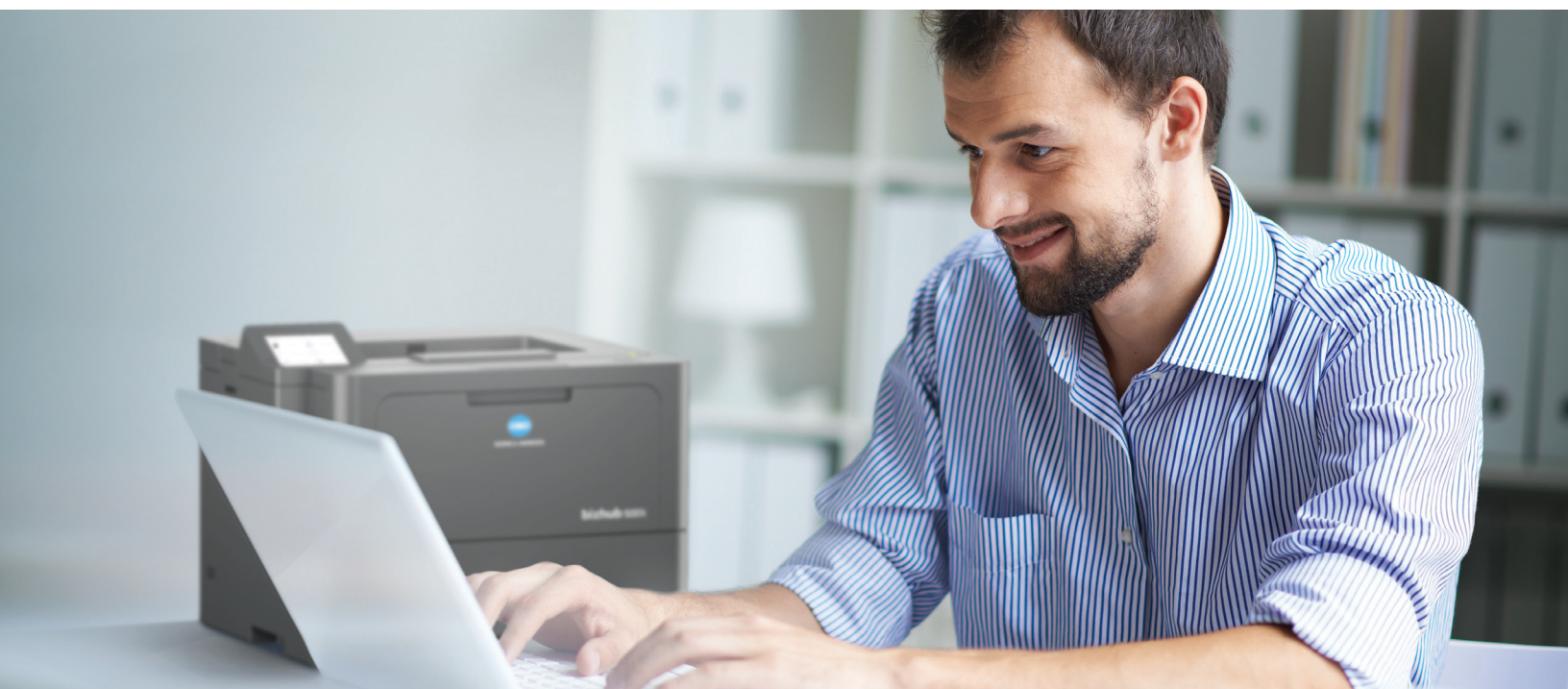
SOFTWARE TOOLS

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 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 (5001i) • Secure Function Lock 3.0 (limits functions available to public users) • Lock Password (blocks unauthorized access to machine settings) • Global ID 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 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	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"



HOW TO BUILD A SYSTEM FOR THE bizhub 5001i/4201i Digital Printer (FROM START TO FINISH)

STEP 1: BASE UNIT

● 5001i Digital Printer

Includes PS, PCL & XPS Controller, Wireless Network Interface, Automatic Duplex Unit, 520-sheet Paper Cassette, 1 GB Standard Memory, Fast Ethernet, High-speed USB 2.0 Host, 8K Starter Toner Cartridge, and 50K Imaging Unit

● 4201i Digital Printer

Includes PS, PCL & XPS Controller, Wireless Network Interface, Automatic Duplex Unit, 520-sheet Paper Cassette, 256 MB Standard Memory, Fast Ethernet, High-speed USB 2.0 Host, 8K Starter Toner Cartridge, and 50K Imaging Unit

STEP 2: PAPER HANDLING OPTIONS

- ☐ PF-P23 Paper Feed Unit (250 sheets, maximum 3)
- ☐ 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 5001i Only)
- ☐ AU-205H Gen2 IC Card Reader (Compatible with bizhub 5001i Only)
- ☐ YSoft MFX Card Reader (Compatible with bizhub 5001i Only)
- ☐ PTL-5A Paper Tray Lock

Paper Feed Unit PF-P23

Paper Feed Unit PF-P23



ACCESSORY OPTIONS FOR bizhub 5001i/4201i Digital Printer

ITEM	ITEM NO.	DESCRIPTION	NOTES
BASE UNIT			
5001i	AF27011	Digital Printer	Includes PS, PCL & XPS Controller, Wireless Network Interface, Automatic Duplex Unit, 520-sheet Paper Cassette, 1 GB Standard Memory, Fast Ethernet, High-speed USB 2.0 Host, 8K Starter Toner Cartridge, and 50K Imaging Unit
4201i	AF29011	Digital Printer	Includes PS, PCL & XPS Controller, Wireless Network Interface, Automatic Duplex Unit, 520-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.
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.
FINISHING OPTION			
CS-2	EH91539	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 5001i only.
AU-205H	R5427000136466	IC Card Reader	Allows access to the MFP via HID Proximity Cards. Compatible with bizhub 5001i only.
YSOFT	YSQB09030771	YSOFT MFX Reader Config Life Warranty	Compatible with bizhub 5001i only.
PTL-5A	PTL5A	Paper Tray Lock	Locks one paper tray.

CONSUMABLE YIELDS*

CONSUMABLE	ITEM NO.	YIELD	COMPATIBILITY
TNP97 Toner – Black	AF2A032	11,000	5001i/4201i
TNP96 Toner – Black	AF2A033	18,000	5001i
IUP42 Drum Imaging Unit	AF2D01F	50,000	5021i/ 4221i/ 5001i/ 4201i
SK-602 Staples	14YK	5,000 x 3 pkg/case	CS-2

*Based on 5% total coverage

For complete information on Konica Minolta products and solutions, please visit: [CountOnKonicaMinolta.com](https://www.konicaminolta.com/counton)

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