



KONICA MINOLTA

bizhub 4700i

Black & White single function printer



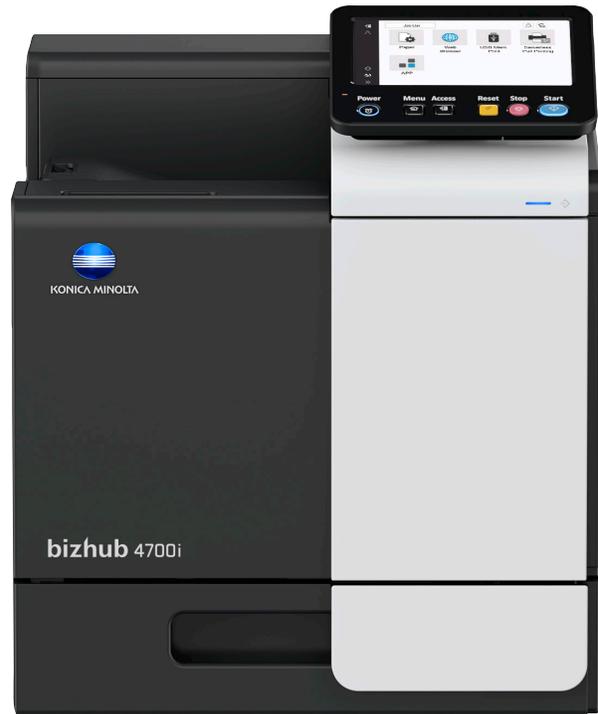
**bizhub
4700i
SPECIFICATION
& INSTALL GUIDE**
RETHINK IT



Giving Shape to Ideas

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BIZHUB 4700I SPECIFICATIONS

TYPE	PRINTER
Photoconductor	OPC
Developing System	Dry-type dual-component HMT developing
Resolution	1200 x 1200 dpi, 600 x 600 dpi
Paper	Thin Paper (16 lb to 20 lb) Plain Paper (20 lb to 28 lb) Plain Paper +(24.75 lb to 28 lb) Thick Paper 1 (24.25 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: 3.9" x 5.8" to 8.5" x 11.7" Bypass Tray: 3.5" x 5.8" to 8.5" x 14"
Paper Tray Capacity	1 st Tray: Thin Paper/Plain Paper/Recycled Paper/Special Paper/Color Paper/1-Sided Special Paper: 500 sheets Thick Paper 1/12: 20 sheets Envelopes: 30 sheets Label sheets: 20 sheets Postcards: 20 sheets Bypass Tray: Plain Paper/Recycled Paper/Special Paper/Letterhead/Color Paper/ 1-Sided Special Paper: 100 sheets Thick Paper 1/2/Postcards: 20 sheets Envelopes: 10 Label Sheets: 20 sheets Postcards: 20 sheets
Warm-Up Time	Less than 18 seconds (at room temperature/73° F)

BIZHUB 4700I SPECIFICATIONS

DESCRIPTION	DESCRIPTION
Image Loss Width	Leading edge: 0.17" Trailing edge: 0.17" Rear edge: 0.17" Front edge: 0.17"
First Print	7.4 sec. or less
Print Speed*	Plain paper: 50 pages/min
(Simplex/Duplex)	Thick 1/Thick 2: 20 sheets/min.

BIZHUB 4700I SPECIFICATIONS

TYPE	DIGITAL PRINTER
Power Requirements	110V, 60 Hz.
Power Consumption	1450 W or less
TEC Value	.81 kWh
Dimensions (with control panel)	16.5" (W) x 20.8" (D) x 18.6" (H)
Space requirements*	33.6" (W) x 35.4" (D) x 18.6" (H)
Memory	4 GB; 8 GB Micro SD
Weight	Approx. 64 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

bizhub 4700i

Up to 120,000

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	15% to 85%
Noise During Operation	73.3 dB or less
Noise During Standby	32 dB or less

ELECTRICAL REQUIREMENTS

TYPE	DESCRIPTION	
Line Options	Dedicated	NEMA Diagram for 5-15R 
Voltage	110 V/120 to 127V	
Amperage	12A	
Cycles	60	
NEMA Part No.	5-15R	
Cord Length	6.6 ft.	

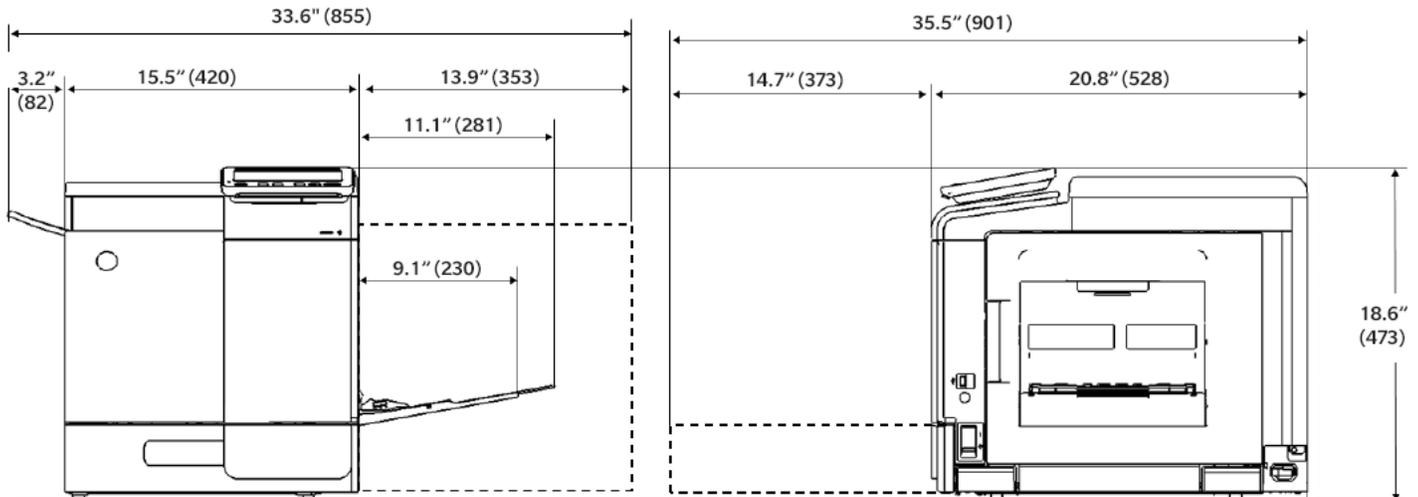
Note: The main electrical outlet must be located within 6.6 feet from the right rear corner of the bizhub 4700i main unit.

SAMPLE CONFIGURATION

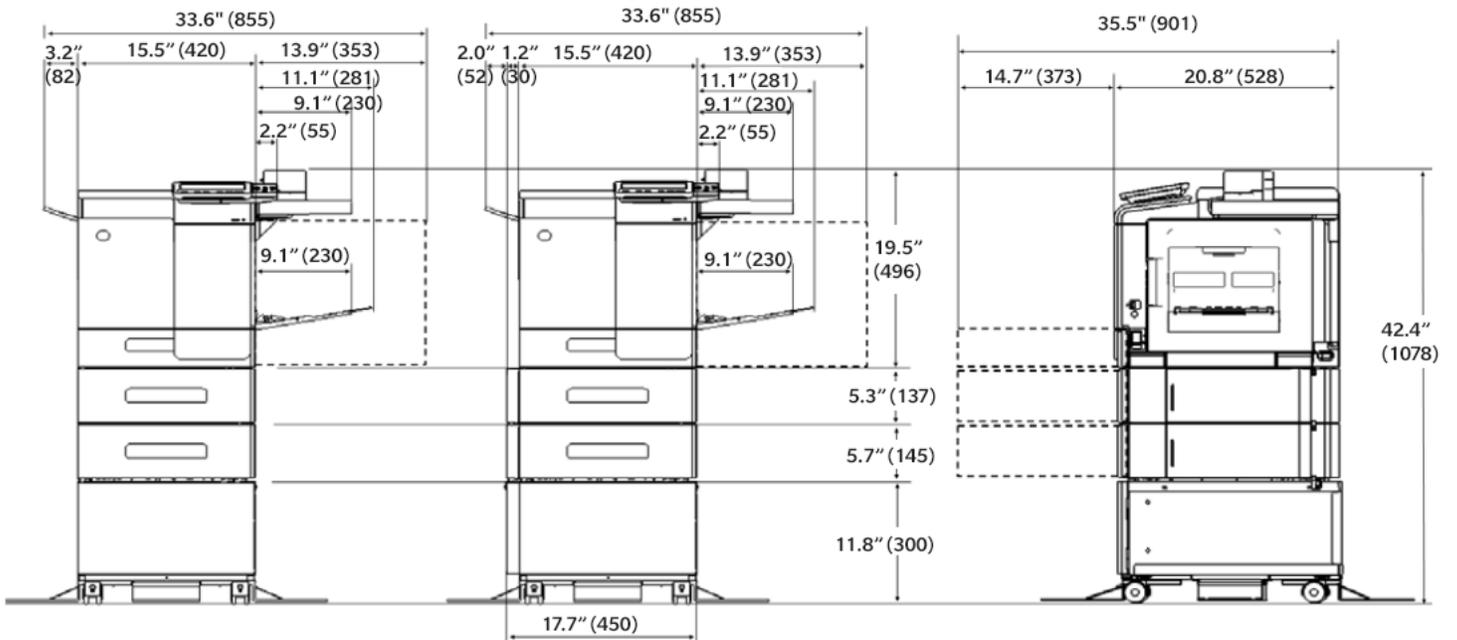


SPACE REQUIREMENTS

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bizhub 4700i with options



ACCESSORIES

AUTOMATIC DUPLEX UNIT (STANDARD)

Supported Paper Type	Thin Paper (14 lb to 15.5 lb) Plain Paper (16 lb to 24 lb) Thick Paper 1 (24.25 lb to 32 lb) Thick Paper 1+ (32.25 to 41.75 lb) Thick Paper 2 (42 lb to 55.5 lb) Recycled Paper (16 lb to 24 lb)
Supported Paper Size	4.7" x 8.8" to 8.5" x 14"
Power Requirements	Supplied from main unit * There are six Foolscap sizes: 220 x 330 mm (L), 8.5" x 13.5", 8.5" x 13" (L), 8.25" x 13 (L), 8.12" x 13.25" (L) and 8" x 13" (L). Any one of these sizes can be selected. For details, please consult with your authorized Konica Minolta Service representative.

PF-P21 PAPER FEED CABINET

Type	1 x 500 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", letter and legal only
Paper Capacity	500 sheets (21 lb)
Power Requirements	Supplied from main unit.
Weight	Approximately 17.4 lb

PF-P25 HEIGHT ADJUSTMENT UNIT

Type	Base (without storage). Increases height of the machine. Suggested if the machine is configured with the DK-P05 and fewer than two PF-P21 Paper Feeder Cabinets.
Dimensions (W x D x H)	14.3" x 15.1" x 5.8"
Weight (Approx.)	8.6 lb

ACCESSORIES

DK-P05 COPY DESK

Type	Storage drawer only
Function	Storage of accessories, paper, supplies, etc. Brings machine to working height.

UK-221 WIRELESS NETWORK ADAPTER

Type	Miscellaneous Option
Function	Provides wireless connectivity

EK-P08 USB HOST/LOCAL INTERFACE

Type	Internal Component
Function	Provides Type A USB port. Required for installation of an authentication unit or external keyboard.

EK-P09 USB HOST/LOCAL INTERFACE

Type	Internal Component
Function	Provides Type A USB port and Bluetooth connectivity. Required for installation of an authentication unit or external keyboard.

EK-P10 NFC KIT

Type	Internal Component
Function	Provides Near Field Communications capabilities.

AU-205H IC CARD READER

Dimensions (W x H x D)	2.8" x 3.7" x 0.6"
Host Interface	USB 2.0 (also compliant with USB 1.1)
Power Supply	Supplied from USB Port
Card Protocols	HID PROX, HID Indaia, EM ProxLow Frequency (125 kHz)
Card Protocols	CCID: MIFARE Classic™ 1K/4K, Ultra Light, Ultra Light C, Plus, High Frequency (13.5 MHz) 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 card1), ISO 15693 with up to 26 kbps transmission rate (depending on card) Keyboard Wedge: MIFARE™ Classic 1K/4K, Ultra Light, Ultra Light C, Plus (Security Level 1), MIFARE DESFire™ 0.6, MIFARE DESFire™ EV1 (MAC/DES/3DES/3K3DES/AES), IC Card, iCLASS SE/SR®, MIFARE SE™, DESFire EV1 SE

ACCESSORIES

MK-P08 MOUNT KIT

Type	Internal Component
Function	Required for internal installation of AU-205H

FS-P04 OFF-LINE STAPLER

Type	Stapling (off-line)
Staple Capacity	20 sheets (90 gsm)
Power Supply	From device
Staples	SK-501
Dimensions (W x H x D)	4.3" x 4.6" x 2.9"
Weight	Approx. 2 lb
Function	Provides finishing capabilities. Can be installed on working table WT-P03 or separately.

KP-P03 KEYPAD

Type	10-key Pad
Function	Provides hard keys for entering numeric values

EXTERNAL KEYBOARD

Type	QWERTY Keyboard
Function	Computer-type keyboard for alphanumeric data entry. Requires KH-P02 Keyboard Holder

KH-P02 KEYPAD HOLDER

Type	Mount Kit
Function	Required for installation of External Keyboard





PRINT CONTROLLER (STANDARD)

Type	Internal Type
CPU	SoC S800 (1.6 GHz)
Memory	4 GB
Print Speed (BW)	50 ppm Letter
Print Resolution	600 x 600 dpi, 1200 x 1200 dpi
PDL	PCL6, PS 3 Emulation, XPS 1.0 Emulation, PDF 1.7 Emulation, Epson FX-850 Emulation
Font	PCL Resident Fonts: 80 Scalable Fonts plus 12 Bitmapped Fonts PS3 Emulation Resident Fonts: 137 Scalable Fonts
Interface	Standard Ethernet (10Base-T/100Base-TX/1000Base T), Hi-Speed USB, 1.1 2.0, 3.0; USB Host, Interface Support for Ethernet SNAP, Ethernet II, Ethernet 802.3, or 802.2

PRINT DRIVERS

PCL 6	Windows 7/8.1/10 (32-bit and 64-bit)
PostScript 3 Emulation	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
XPS	Windows 7/8.1/10 Windows Server 2008/2008 R2/ 2012/2012 R2/2016 x64

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, Download Manager, Data Administrator, Remote Deployment Tools, Box Operator, Print Status Notifier HDD BackUp Utility, Log Management Utility, Font Management Utility, Panel Customize Tool, License Install Utility vCare, bizhub Remote Panel, Device Plug-in for PageScope Enterprise Suite PageScope Net Care Device Manager, PageScope Account Manager, PageScope Authentication Manager, PageScope My Panel Manager PageScope My Print Manager Konica Minolta Print Service, Konica Minolta Print Service Konica Minolta Mobile Print for iOS, Konica Minolta Mobile Print for Android, Konica Minolta Mobile Print for Windows Dispatcher Suite
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) • Secure Print • LDAP • SSL/TLS • IPSec

SOFTWARE TOOLS

<p>Network, Device Management and User Tools</p>	<ul style="list-style-type: none"> Data Administrator Download Manager Print Status Notifier Driver Packaging utility Mobile Print Net Care Device Manager Web Connection Enterprise Suite Plug-in Account Manager Authentication Manager My Print Manager Box Operator Driver Packaging Utility Lock Job (when printing confidential documents) Protect data by requiring department name and 8-digit password Account Track • HDD Lock • Prevent Unauthorized Use Operation Log with 2,000-event memory PDF Scan Encryption Protective Functions Network Authentication
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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

gsm	Bond	Offset	Cover	Tag	Index	Point	Bristol	CALIPER	
								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	Paper weighing between 16 lb. to 20 lb. bond. It can be fed via any paper tray, except the bypass tray.
Normal (Plain Paper)	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.

PAPER TYPE SPECIFICATIONS CONT

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"
Envelopes			
Envelope	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 4700I DIGITAL PRINTER (FROM START TO FINISH)

STEP 1: BASE UNIT

- Includes PS, PCL & XPS Controller, Automatic Duplex Unit, 500-sheet Paper Cassette, 4 GB Standard Memory, Fast Ethernet, High-speed USB 2.0 Host, 20K Toner Cartridge, and 200K Imaging Unit

STEP 2: PAPER HANDLING OPTIONS

- PF-P21 Paper Feed Unit (500 sheets, maximum 2)
- PF-P25 Height Adjustment Unit

STEP 3: FINISHING OPTION:

- CS-1 Convenience Stapler
- FS-P04 Off-line Stapler



ACCESSORY OPTIONS FOR BIZHUB 4700I DIGITAL PRINTER

ACCESSORIES	ITEM NO.	DESCRIPTION	NOTES
BASE UNIT			
4700i	ACTA011	4700i Printer	Includes PS, PCL & XPS Controller, Automatic Duplex Unit, 500-sheet Paper Cassette, 512 MB Standard Memory, Fast Ethernet, High-speed USB 2.0 Host, 20K Toner Yield, and 200K Imaging Unit
PAPER HANDLING OPTIONS			
DK-P05	135900	Copy Desk	Adds storage and mobility. Brings printer to operational height.
PF-P21	AAJUW1	Paper Feed Unit	Lower feeder unit adds 500 sheets of paper capacity (8.5" x 11" or 8.5" x 14"). Add up to 2. Total paper capacity: 1600 sheets
PF-P25	AAJUW12	Height Adjustment Unit	Increases height of machine.
FINISHING OPTIONS			
CS-1	7640013463	Convenience Stapler	Standalone electronic stapler.
FS-P04	AACCGWY1	Off-line Electronic Stapler	Off-line Electronic Stapler
ADDITIONAL OPTIONS			
AU-205H	R5427000136466	HID Multi-Card Reader	Allows access to SFP via HiD proximity cards.
EK-P08	ACCTWY1	Local Interface Kit	Provides Type A USB port. Required for installation of an authentication unit or external keyboard.
EK-P09	ACCVWY1	Local Interface Kit	Provides Type A USB port and Bluetooth connectivity. Required for installation of an authentication unit or external keyboard.
EK-P10	ACCHWY1	NFC interface	Provides Near Field Communications capabilities.
External Keyboard	7640006869	QWERTY Keyboard	QWERTY keyboard for alphanumeric data entry.
KH-P02	ACCFWY1	Keyboard Holder	Keyboard holder required for installation of external keyboard.
KP-P03	ACCEWY1	Keypad	Provides hard keys for entering numeric values.
MK-P08	ACCKWY1	Mount Kit	Mount kit for internal installation of AU-205H.
UK-221	ACDMWY1	Wireless LAN	Provides wireless connectivity.

CONSUMABLE YIELDS

*Based on 5% total coverage

CONSUMABLE	ITEM NO.	YIELD
TNP91 Toner - Black	ACTD031	20,000
Waste Toner Box	ACDN0Y1	32,000
IUP36K Drum Imaging Unit	AAJV01E	200,000
SK-501 Staples for FS-P04	A6Y8WY1	—
SK-602 Staples	14YK	—

For complete information on Konica Minolta products and solutions,
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KONICA MINOLTA

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