



KONICA MINOLTA

# bizhub 4750/4050/4020/3320 Spec Sheet

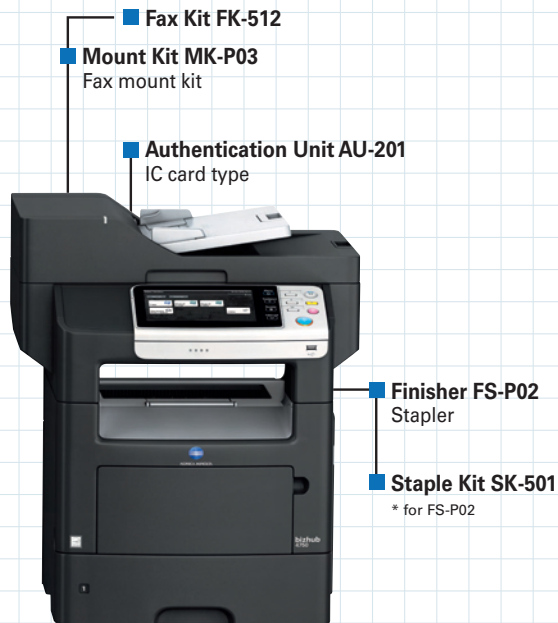
## System

### bizhub 4750/4050

- **i-Option LK-106**  
Barcode font  
(Code39, QR Code, PDF417)
- **i-Option LK-107**  
Unicode font
- **i-Option LK-108**  
OCR font (OCR-A, OCR-B (PCL))
- **i-Option LK-111**  
ThinPrint function
- **Keypad KP-P01**
- **Local Interface Kit EK-P04**  
RS232C (for CSRC) cable

### bizhub 4020/3320

- **Upgrade kit UK-P01**  
250 MB User Flash
- **Upgrade kit UK-P04**  
Korean Font Card
- **Upgrade kit UK-P05**  
Simplified Chinese Font Card
- **Upgrade kit UK-P06**  
Traditional Chinese Font Card
- **Upgrade kit UK-P07**  
Japanese Font Card
- **Upgrade kit UK-P10**  
Forms and Barcode Card  
\* for bizhub 4020
- **Upgrade kit UK-P11**  
IPDS Card  
\* for bizhub 4020
- **Expanded Memory Unit EM-P03**  
1 GB  
\* for bizhub 4020
- **Expanded Memory Unit EM-P04**  
2 GB  
\* for bizhub 4020
- **Network Interface Card NC-P02**  
MarkNet N8350 802.11n Wireless  
\* for bizhub 4020
- **Network Interface Card NC-P03**  
MarkNet N8352 802.11n Wireless  
\* for bizhub 3320
- **Local Interface Kit EK-P02**  
IEEE 1284-B Parallel Card  
\* for bizhub 4020
- **Local Interface Kit EK-P03**  
RS232C Serial Card  
\* for bizhub 4020



- **Desk DK-P02**  
\* Not available in all areas.

- **Paper Feeder Unit PF-P11**
  - A5 to A4/Letter
  - 250 sheets
  - 16 to 120 g/m<sup>2</sup>

- **Paper Feeder Unit PF-P12**
  - A5 to A4/Letter
  - 550 sheets
  - 16 to 120 g/m<sup>2</sup>

# Specifications

## bizhub 4750/4050 General Specifications

		bizhub 4750	bizhub 4050
Type		Desktop Printer / Copier / Scanner	
Copy Resolution	Scan	Main: 600 dpi × Sub: 600 dpi	
	Print	Copy	600 dpi
		Print	Default mode: 600 dpi × 600 dpi High Quality mode (Half Speed): 1,200 dpi × 1,200 dpi
Gradation		256	
Memory Capacity (Std./Max.)		2 GB / 2 GB	
HDD		320 GB	
Original Type		Sheets, Books, Objects	
Max. Original Size		A4 or Legal (8-1/2" × 14")	
Output Size		Legal, Letter, A4 to A6 Custom: 76.2 × 127 mm to 216 × 356 mm)	
Image Loss	Copy	Max. 4.0 mm ±2 mm for top / bottom / right / left edges	
	Print	Max. 4.2 mm ±2 mm or less for top / bottom / right / left edges	
Warm-Up Time <sup>1</sup>		77 sec. or less	
First Copy Out Time <sup>2</sup>		8.5 sec. or less	
Copy Speed (A4)		47 ppm	40 ppm
Copy Magnification	Fixed Same Magnification	1: 1.000	
	Scaling Up	1: 1.154 / 1.224 / 1.294 / 1.414 / 1.545 / 1.631 / 2.000	
	Scaling Down	1: 0.866 / 0.816 / 0.785 / 0.707 / 0.647 / 0.607 / 0.500	
	Preset	3 types	
	Zoom	25 to 400% (in 0.1% increments)	
	Lengthwise Crosswise Individual Settings	25 to 400% (in 0.1% increments)	
	Paper Capacity (75 g/m <sup>2</sup> )	Tray 1	550 sheets (up to Legal)
	Multiple Bypass Tray	100 sheets (up to Legal)	
Max. Paper Capacity (75 g/m <sup>2</sup> )		2,300 sheets	
Paper Weight	Tray 1	60 to 120 g/m <sup>2</sup>	
	Multiple Bypass Tray	60 to 163 g/m <sup>2</sup>	
Multiple Copy		1 to 999 sheets	
Auto Duplex	Type	Non-Stack	
	Paper Size	Legal, Letter, A4	
	Paper Weight	60 to 90 g/m <sup>2</sup>	
Power Requirements		AC220 to 240 V 4.2 A (50 to 60 Hz)	
Max. Power Consumption		972 W or less	926 W or less
Dimensions [W] × [D] × [H]		489 × 479 × 561 mm (19-1/4" × 18-3/4" × 22")	
Weight		Approx. 24 kg (52 lb)	
Space Requirements <sup>3</sup> [W] × [D]		595 × 793 mm (23-1/2" × 31-1/4")	

<sup>1</sup> Warm-up time may vary depending on the operating environment and usage.

<sup>2</sup> The time required to start printing when both the main power and sub-power switches are turned from OFF to ON. (23°C, std. voltage)

<sup>3</sup> A4 full size/using the first tray/scanning from the original glass surface.

<sup>3</sup> Without options, with paper trays pulled out, and multiple bypass tray, auxiliary tray and ADF opened.

## Printer Specifications

Type	Embedded	
CPU	88PA6170 (800 MHz)	
Memory	Shared with the copier	
Print Speed	Same as Copy Speed (when using the same original)	
HDD	320 GB (Shared with the copier)	
Print Resolution	600 × 600 dpi, 1,200 × 1,200 dpi	
PDL	PCL5e/c Emulation, PCL XL (Ver.3.0) Emulation, PostScript3 (3016) Emulation, XPS (Ver.1.0)	
Protocol	TCP/IP, IPX/SPX (NDS support), SMB (NetBEUI), LPD, IPP1.1, SNMP, HTTP, WSD, AppleTalk	
Support OS	Windows XP SP3 / XP SP2 64bit / Vista SP2 / Vista SP2 64bit / 7 SP1 / 8 Windows Server 2003 SP2 / Server 2003 SP2 64bit / Server 2008 SP2 / Server 2008 SP2 64bit Mac OS X 10.2.8 or later Linux 5 or later	
Fonts	PCL	80 Roman fonts
	PS	137 Roman Type1 fonts
Interface	Ethernet (10BASE-T / 100BASE-TX / 1000BASE-T), USB 1.1, USB 2.0	

## Scanning Specifications

Type	Full-Colour Scanner	
Interface	Ethernet (10BASE-T / 100BASE-TX / 1000BASE-T)	
Driver	TWAIN Driver	
Protocol	TCP/IP (FTP, SMB, SMTP, WebDAV), TCP Socket WSD	
Scanning Speed (A4, 300 dpi)	B&W/Colour: 45/30 opm	
Scanning Size	Max. A4 or Legal (8-1/2" × 14")	
Output Format	TIFF, JPEG, PDF, Compact PDF, XPS, PDF/A	
Scanning Resolution	Push	200 dpi / 300 dpi / 400 dpi / 600 dpi
	Pull	200 dpi / 300 dpi / 400 dpi / 600 dpi
Main Functions	Scan to E-Mail, Scan to FTP, Scan to BOX (HDD), Scan to PC (SMB), Network TWAIN, Scan to WebDAV, Scan to USB, WSD Scan	

## Reverse Automatic Document Feeder

		bizhub 4750	bizhub 4050
Type		Circulatory duplex system	
Support Paper Size		Legal, Letter, A4 to A6 Custom: 105 × 148 mm to 216 × 356 mm)	
Mixed Size		Support	
Original Set		Centre guide	
Resolution		600 dpi support	
Support Paper Weight		52 to 120 g/m <sup>2</sup>	
Paper Capacity (75 g/m <sup>2</sup> )		Max. 50 sheets	
Productivity (A4)	Simplex	Copy	B&W: 47 opm
		Scan	B&W: 45 opm, Colour: 30 opm
	Duplex	Copy	B&W: 20 opm
		Scan	B&W: 20 opm, Colour: 13 opm

## Fax Kit FK-512 (Optional)

Communication	Super G3
Compatible Lines	Public Switch Telephone Network, Private Branch Exchange, Fax Communication Line
Line Density	G3 (8 dot/mm × 3.85 line/mm, 600 × 600 dpi)
Modem Speed	2.4 to 33.6 kbps
Compression	MH / MR / MMR / JBIG
Sending Paper Size	Max. A4 or Legal (Long Length Support: Max. 1,000 mm (ADF))
Recording Paper Size	Max. A4 or Legal (Long Length Max. 1,000 mm — following the page division —)
Transmission Speed	Less than 3 sec. (A4, V.34, 33.6 kbps, JBIG)
Memory	Shared with the copier
Number of Abbr. Dials	2,000
Number of Group Dials	100
Sequential Multiple Station Transmission	Max. 400

## Internet Fax (Optional) \*Optional Fax Kit FK-512 is required.

Protocol	SMTP, POP
Connection Mode	Full-Mode
Sending Paper Size	Max. A4 or Legal
Recording Paper Size	Max. Legal
Resolution	200 × 100 dpi, 200 × 200 dpi, 400 × 400 dpi, 600 × 600 dpi
Interface	Ethernet (10BASE-T / 100BASE-TX / 1000BASE-T)
Colour	Support Colour Internet Fax
Format	Send: TIFF-F, Receive: TIFF-F Colour/Grey Scale: TIFF (RFC3949 Profile-C)

## Finisher FS-P02 (Optional)

Type	Stapler
Support Paper Size	A4, Letter, Legal
Mode	Corner stapler
Staple Capacity	2 to 20 sheets (52 to 75 g/m <sup>2</sup> )
Dimensions [W] × [D] × [H]	389 × 138 × 195 mm (15-1/4" × 5-1/2" × 7-3/4")
Weight	Approx. 5.3 kg (11.6 lb)

## Paper Feeder Unit PF-P11 (Optional)

Support Paper Type (Weight)	60 to 120 g/m <sup>2</sup>
Support Paper Size	Legal, Letter, A4, B5, A5 Custom: 105 × 148 mm to 216 × 356 mm
Paper Capacity (75 g/m <sup>2</sup> )	250 sheets
Power Requirements	Supplied from the MFP main body
Dimensions [W] × [D] × [H]	389 × 382 × 77 mm (15-1/4" × 15" × 3")
Unit Configuration	Paper tray, 1 level
Weight	Approx. 4.2 kg (9-1/4 lb)

## Paper Feeder Unit PF-P12 (Optional)

Support Paper Type (Weight)	60 to 120 g/m <sup>2</sup>
Support Paper Size	Legal, Letter, A4, B5, A5 Custom: 105 × 148 mm to 216 × 356 mm
Paper Capacity (75 g/m <sup>2</sup> )	550 sheets
Power Requirements	Supplied from the MFP main body
Dimensions [W] × [D] × [H]	389 × 382 × 109 mm (15-1/4" × 15" × 4-1/4")
Unit Configuration	Paper tray, 1 level
Weight	Approx. 4.7 kg (10-1/4 lb)

## Authentication Unit (IC Card type) AU-201 (Optional)

Applicable Card	ISO 14443 TypeA, FeliCa-based noncontact IC card
Interface	USB 1.1 or later
Power Supply	Power received from USB port
Dimensions [W] × [D] × [H]	92 × 64 × 16 mm (3-3/4" × 2-1/2" × 3/4")
Weight	Approx. 120 g (264-1/2 lb)



bizhub 4750 + PF-P11 + PF-P12

# Specifications

## bizhub 4020/3320 General Specifications

		bizhub 4020	bizhub 3320
Type	Desktop Printer / Copier / Scanner		
Copy Resolution	Scan	Main: 600 dpi x Sub: 600 dpi	
	Print	Main: 600 dpi x Sub: 600 dpi	
		Copy Print	Main: 1,200 dpi x Sub: 1,200 dpi
Gradation	256		
Memory Capacity (Std./Max.)	512 MB/2.5 GB		256 MB/256 MB
HDD	160 GB (Opt.)		—
Original Type	Sheets, Books, Objects		
Max. Original Size	A4 or Legal (8-1/2" x 14")		
Output Size	Legal, Letter, A4 to A6 Custom: 76.2 x 127 mm to 216 x 356 mm		
Image Loss	Copy	Max. 4.0 mm ±0.2 mm or less for top/bottom/right/left edges	
	Print	Max. 4.0 mm ±0.2 mm or less for top/bottom/right/left edges	
Warm-Up Time <sup>1</sup>	77 sec. or less		
First Copy Out Time <sup>2</sup>	6.5 sec. or less		
Copy Speed (A4)	40 ppm		33 ppm
Copy Magnification	Fixed Same Magnification	1: 1.000 ±0.5% or less	
	Scaling Up	1: 1.154 / 1.224 / 1.294 / 1.414 / 1.545 / 1.631 / 2.000	
	Scaling Down	1: 0.866 / 0.816 / 0.785 / 0.707 / 0.647 / 0.607 / 0.500	
	Preset	3 types	
	Zoom	25 to 400% (in 0.1% increments)	
	Lengthwise Crosswise Individual Settings	25 to 400% (in 0.1% increments)	
Paper Capacity (75 g/m <sup>2</sup> )	Tray 1	250 sheets (up to Legal)	
	Multiple Bypass Tray	100 sheets (up to Legal)	50 sheets (up to Legal)
Max. Paper Capacity (75 g/m <sup>2</sup> )	2,000 sheets		850 sheets
Paper Weight	Tray 1	60 to 120 g/m <sup>2</sup>	
	Multiple Bypass Tray	60 to 163 g/m <sup>2</sup>	
Multiple Copy	1 to 999 sheets		
Auto Duplex	Type	Non-Stack	
	Paper Size	Legal, Letter, A4	
	Paper Weight	60 to 90 g/m <sup>2</sup>	
Power Requirements	AC220 to 240 V 4.2 A (50 to 60 Hz)		
Max. Power Consumption	972 W or less		926 W or less
Dimensions [W] x [D] x [H]	489 x 452 x 502 mm (19-1/4" x 17-3/4" x 19-3/4")		389 x 472 x 468 mm (15-1/4" x 18-1/2" x 18-1/2")
Weight	Approx. 21.8 kg (48 lb)		Approx. 20 kg (44 lb)
Space Requirements <sup>3</sup> [W] x [D]	664 x 856.8 mm (26-1/4" x 33-3/4")		564 x 876.8 mm (22-1/4" x 34-1/2")

<sup>1</sup> Warm-up time may vary depending on the operating environment and usage.  
The time required to start printing when both the main power and sub-power switches are turned from OFF to ON. (23°C, std. voltage)  
<sup>2</sup> A4 full size/using the first tray/scanning from the original glass surface.  
<sup>3</sup> Without options, with paper trays pulled out, and multiple bypass tray, auxiliary tray and ADF opened.

## Printer Specifications

		bizhub 4020	bizhub 3320
Type	Embedded		
CPU	88PA6170 (800 MHz)		
Memory	Shared with the copier		
Print Speed	Same as Copy Speed (when using the same original)		
HDD	Shared with the copier		
Print Resolution	600 x 600 dpi, 1,200 x 1,200 dpi		
PDL	PCL5 Emulation, PCL6 Emulation, PostScript3 Emulation, XPS		
Protocol	TCP/IP, IPX/SPX (NDS support), SMB (NetBEUI), LPD, IPP1.1, SNMP, HTTP		
Support OS	Windows XP / XP 64bit / Vista / Vista 64bit / 7 / 7 64bit / 8 / 8 64bit Windows Server 2003 / Server 2003 64bit / Server 2008 / Server 2008 64bit / Server 2008 R2 Mac OS X 10.6 / X 10.7 / X 10.8 Linux		
Fonts	PCL	89 Roman fonts	
	PS	91 Roman Type1 fonts	
Interface	Ethernet (10BASE-T / 100BASE-TX / 1000BASE-T), USB 2.0, USB Host, IEEE1284 (Opt.)		Ethernet (10BASE-T / 100BASE-TX), USB 2.0

## Scanning Specifications

		bizhub 4020	bizhub 3320
Type	Full-Colour Scanner		
Interface	Ethernet (10BASE-T / 100BASE-TX / 1000BASE-T)		
Driver	TWAIN Driver		
Protocol	TCP/IP (FTP, SMB, SMTP, WebDAV), TCP Socket WSD		
Scanning Speed (A4, 300 dpi)	Simplex	B&W/Colour: 41/19 opm	B&W/Colour: 42/19 opm
	Duplex	B&W/Colour: 18/8 opm	—
Scanning Size	Max. A4 or Legal (8-1/2" x 14")		
Output Format	TIFF, JPEG, PDF, XPS		
Scanning Resolution	Push	200 dpi / 300 dpi / 400 dpi / 600 dpi	
	Pull	200 x 100 dpi / 300 dpi / 400 dpi / 600 dpi	
Main Functions	Scan to E-Mail, Scan to FTP, Network TWAIN, Scan to USB, Scan to Web Service (WSD Scan), Device Profile for Web Services (DPWS)		
Other Functions	Multi-Method Send, Authentication at the time of E-Mail send (SMTP authentication, POP before SMTP)		

## Fax Specifications

Communication	Super G3		
Compatible Lines	Public Switch Telephone Network, Private Branch Exchange, Fax Communication Line		
Line Density	G3 (8 dot/mm x 3.85 line/mm, 600 x 600 dpi)		
Modem Speed	2.4 to 33.6 kbps		
Compression	MH / MR / MMR / JBIG		
Sending Paper Size	Max. A4 or Legal		
Recording Paper Size	Max. A4 or Legal		
Transmission Speed	Less than 3 sec. (A4, V.34, 33.6 kbps, JBIG)		
Memory	Shared with the copier		
Number of Abbr. Dials	999		
Sequential Multiple Station Transmission	Max. 400		

## Reverse Automatic Document Feeder (For bizhub 4020)

Type	Circulatory duplex system		
Support Paper Size	Legal, Letter, A4 to A6 Custom: 105 x 148 mm to 216 x 356 mm		
Mixed Size	Support		
Original Set	Centre guide		
Resolution	600 dpi support		
Support Paper Weight	52 to 120 g/m <sup>2</sup>		
Paper Capacity (75 g/m <sup>2</sup> )	Max. 50 sheets		
Productivity (A4)	Simplex	Copy	B&W: 40 opm
		Scan	B&W: 41 opm, Colour: 19 opm
	Duplex	Copy	B&W: 18 opm
		Scan	B&W: 18 opm, Colour: 8 opm

## Automatic Document Feeder (For bizhub 3320)

Type	Simplex system		
Support Paper Size	Legal, Letter, A4 to A6 Custom: 74 x 105 mm to 217 x 356 mm		
Mixed Size	Support		
Original Set	Centre guide		
Resolution	600 dpi support		
Support Paper Weight	52 to 120 g/m <sup>2</sup>		
Paper Capacity (75 g/m <sup>2</sup> )	Max. 50 sheets		
Productivity (A4)	Simplex	Copy	B&W: 33 opm
		Scan	B&W: 42 opm, Colour: 19 opm
			Scan

## Paper Feeder Unit PF-P11 (Optional)

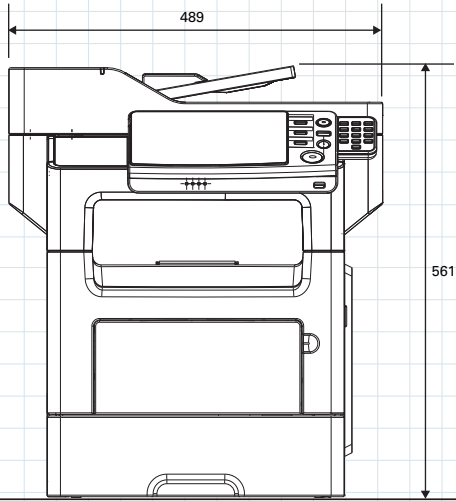
Support Paper Type (Weight)	60 to 120 g/m <sup>2</sup>		
Support Paper Size	Legal, Letter, A4, B5, A5 Custom: 105 x 148 mm to 216 x 356 mm		
Paper Capacity (75 g/m <sup>2</sup> )	250 sheets		
Power Requirements	Supplied from the MFP main body		
Dimensions [W] x [D] x [H]	389 x 382 x 77 mm (15-1/4" x 15" x 3")		
Unit Configuration	Paper tray, 1 level		
Weight	Approx. 4.2 kg (9-1/4 lb)		

## Paper Feeder Unit PF-P12 (Optional)

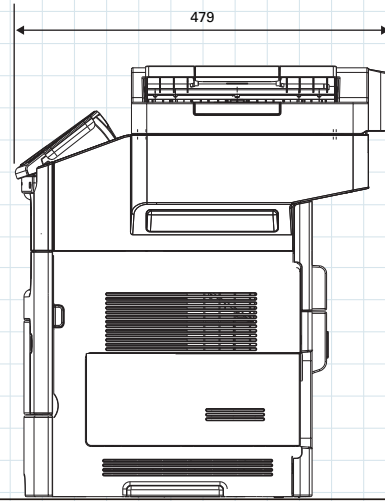
Support Paper Type (Weight)	60 to 120 g/m <sup>2</sup>		
Support Paper Size	Legal, Letter, A4, B5, A5 Custom: 105 x 148 mm to 216 x 356 mm		
Paper Capacity (75 g/m <sup>2</sup> )	550 sheets		
Power Requirements	Supplied from the MFP main body		
Dimensions [W] x [D] x [H]	389 x 382 x 109 mm (15-1/4" x 15" x 4-1/4")		
Unit Configuration	Paper tray, 1 level		
Weight	Approx. 4.7 kg (9-1/4 lb)		



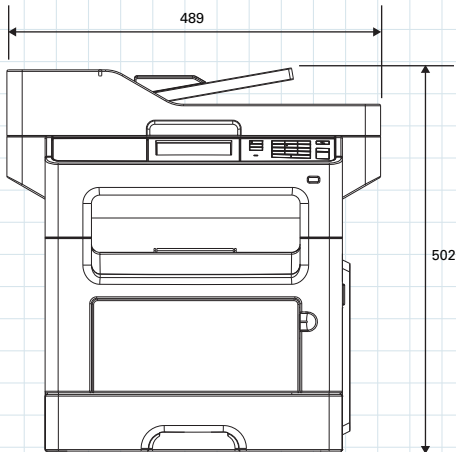
bizhub 4020 + 3 x PF-P12



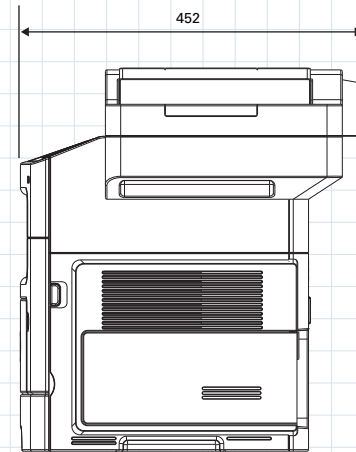
Front View  
bizhub 4750/4050



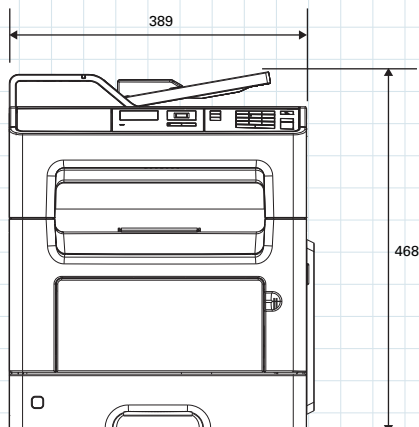
Side View  
bizhub 4750/4050



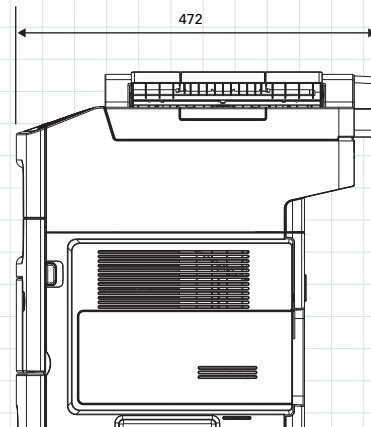
Front View  
bizhub 4020



Side View  
bizhub 4020



Front View  
bizhub 3320



Side View  
bizhub 3320