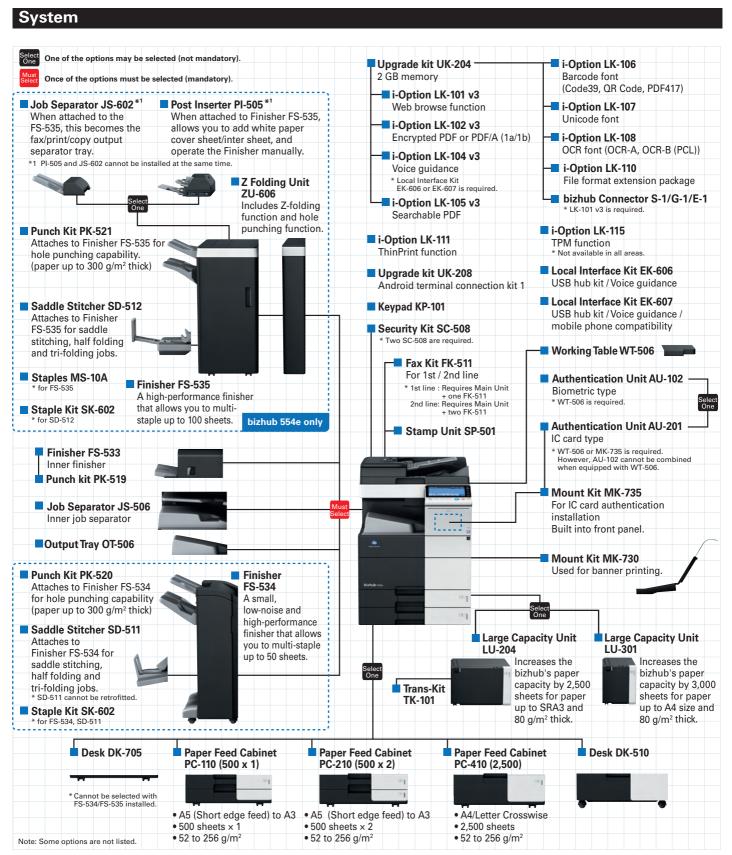


# **bizhub** 554e/454e Spec Sheet



# **Specifcations**

#### bizhub 554e/454e General Specifications

		bizhub 554e	bizhub 454e	
Туре		Desktop Printer / Copier / Scanner		
Copy Resolution	Scan	Main: 600 dpi × Sub: 600 dpi		
	Print	1,800 dpi (equivalent) × 600 dpi		
Gradation		256		
Memory Capacity (	Std./Max.)	2 GB/4 GB 250 GB		
HDD				
Original Type		Sheets, Books, Objects		
Max. Original Size Output Size		A3 (11" × 17") SRA3 to A5, B6S*1, A6S*1 Thick pa	oper Ecologop*? /0 1/9" v 12 1/9"	
Output Size		200 mm × 330 mm, 8-1/8" × 13-1/-	4", 8-1/2" × 13", 8-1/4" × 13", 8" × 13",	
			× 457.3 mm to 297 × 1,200 mm)	
Image Loss		Max. 4.2 mm or less for top edge		
		Max. 3.0 mm or less for bottom e		
		Max. 3.0 mm or less for right/left *A loss of 4.2 mm each during printing.	edges	
Warm-Up Time*3 (2	23°C std voltage)	22 sec. or less	25 sec. or less	
	rt printing when both the main	22 300. 01 1033	20 300. 01 1033	
power and sub-power s	witches are turned from OFF to ON.			
* The time required to s	tart printing when the main	22 sec. or less	25 sec. or less	
power switch is ON ar	nd the sub-power switch is turned			
from OFF to ON.				
First Copy Out Time	e*⁴	4.1 sec. or less	4.6 sec. or less	
Copy Speed (A4 Cr	osswise)	55 ppm	45 ppm	
Сору	Fixed Same Magnification	1: 1±0.5% or less		
Magnification	Scaling Up	1: 1.154/1.224/1.414/2.000		
	Scaling Down	1: 0.866/0.816/0.707/0.500		
	Preset	3 types		
	Zoom	25 to 400% (in 0.1% increments)		
	Lengthwise Crosswise Individual Settings	25 to 400% (in 0.1% increments)		
Paper Capacity	Tray 1	500 sheets (up to A3)		
(80 g/m²)	Tray 2	500 sheets (up to SRA3)		
	Multiple Bypass Tray	150 sheets (up to SRA3)		
Max. Paper Capacit	ty (80 g/m²)*5	6,650 sheets		
Paper Weight	Tray 1 / 2	52 to 256 g/m <sup>2</sup>		
	Multiple BypassTray	60 to 300 g/m <sup>2</sup>		
Multiple Copy		1 to 9,999 sheets		
Auto Duplex	Paper Size	Width: 100 to 320 mm, Length: 148 to 457.2 mm		
	Paper Weight	52 to 256 g/m <sup>2</sup>		
Power Requirements		AC220 to 240 V 9 A (50 to 60 Hz)		
Max. Power Consumption		2.0 kW or less		
		615 × 685 × 921 mm (24-1/4" × 2	27-1/2" × 36-1/4")	
Max. Power Consu Dimensions [W] x Weight Space Requiremen	[D] × [H]	615 × 685 × 921 mm (24-1/4" × 2 Approx. 93 kg (205-1/4 lb) 937 × 1,246 mm (37" × 49")	27-1/2" × 36-1/4")	

- \*1 S: Short edge feed 

  \*2 Set by Customer engineer

  \*3 May vary depending on the operating environment and usage.

  \*4 AA crosswise full size/using the first tray/scanning from the original glass surface.

  \*5 With options installed.

  \*6 Without options, with paper trays pulled out, and multiple bypass tray, auxiliary tray and ADF opened.

# **Printer Specifications**

Туре		Embedded
CPU		SOC 800 MHz (DualCore)
Memory		Shared with the copier
Print Speed		Same as Copy Speed (when using the same original)
HDD		250 GB (Shared with the copier)
Print Resolution		1,800 dpi (equivalent) × 600 dpi (at smoothing) or
		1,200 dpi x 1,200 dpi (in 1,200 dpi mode)
PDL		PCL 5e/c Emulation, PCL 6 Emulation,
		PostScript 3 (3016) Emulation, XPS (Ver.1.0)
Protocol		TCP/IP, IPX/SPX (NDSsupport), SMB (NetBEUI), LPD, IPP1.1, SNMP, HTTP
Support OS		Windows / Vista / Vista 64bit / 7 / 7 64bit / 8 / 8 64bit / 8 . 7 / 8 . 1 64bit Windows Server 2003 / Server 2003 64bit / Server 2003 R2 64bit / Server 2003 R2 64bit / Server 2008 R2 / Server 2008 R2 / Server 2008 R2 / Server 2012 R2 Mac OS 9 2 / X 10.2 / X 10.3 / X 10.4 / X 10.5 / X 10.6 / X 10.7 / X 10.8 / X 10.9 Linux
Fonts	PCL	80 Roman fonts
	PS	137 Roman Type1 fonts
Interface		Ethernet (10BASE-T/100BASE-TX/1000BASE-T), USB 1.1, USB 2.0, USB Host

## **Scanning Specifications**

Туре		Full-Colour Scanner
Interface		Ethernet (10BASE-T/100BASE-TX/1000BASE-T)
Driver		TWAIN Driver, HDD TWAIN Driver
Protocol		TCP/IP (FTP, SMB, SMTP, WebDAV) (IPv4/IPv6)
Scanning Speed (Colour/B&W)	Simplex	80 opm
(300 dpi, A4 Crosswise)	Duplex	160 opm
Scanning Size		Max. A3 (11" × 17")
Output Format		TIFF, JPEG, PDF, Compact PDF, XPS, Compact XPS, OOXML (pptx, xlsx*, docx*), Searchable PDF*, PDF/A*, Linearised PDF* *Optional
Scanning	Push	200 dpi / 300 dpi / 400 dpi / 600 dpi
Resolution	Pull	100 dpi / 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 TVA/IN, Scan to WebDAV, Scan to Me, Scan to Home, Scan to USB, Scan to Scan Server, Scan to Web Service (WSD-Scan), Device Profile for Web Services (DPVVS)
Other Functions		Multi-Method Send, Authentication at the time of E-Mail send (SMTP authentication, POP before SMTP), S/MIME, Annotation

#### Internet Fax

mitoriiot i ux	
Protocol	SMTP, POP
Connection Mode	Full-Mode
Sending Paper Size	A3, B4, A4
Recording Paper Size	Max. A3
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)

#### **Dual Scan Document Feeder**

Duai Scali Docu	illiellt i e	euei
Type		Single pass simultaneous duplex system
Support Paper Size		A3 to A6S*1, 11" × 17" to 5-1/2" × 8-1/2", Foolscap*2 (8-1/2" × 13-1/2",
		200 mm × 330 mm, 8-1/8" × 13-1/4", 8-1/2" × 13", 8-1/4" × 13", or 8" × 13"),
		8K, 16K
Mixed Size		Support
Original Set		Centre guide
Resolution		600 dpi support
Support Paper Weight		Simplex: 35 to 163 g/m <sup>2</sup> , Duplex: 50 to 163 g/m <sup>2</sup> ,
		Mixed Original: 50 to 128 g/m <sup>2</sup>
		FAX Mode: 35 to 163 g/m <sup>2</sup> (Simplex), 50 to 163 g/m <sup>2</sup> (Duplex)
Paper Capacity		Max. 100 sheets (80 g/m²)
Productivity	Simplex	Copy (Colour/B&W): 55 opm (600 dpi)
(A4 Crosswise)		Scan (Colour/B&W): 80 opm (300 dpi)
	Duplex	Copy (Colour/B&W):110 opm (600 dpi)
		Scan (Colour/B&W): 160 opm (300 dpi)
Power Requirements		Supplied from the MFP main body
Max. Power Consumption	1	74.5 W or less
Dimensions [W] × [D] × [F	H]	611.2 × 503.6 × 130 mm (24" × 19-3/4" × 5")
Weight		Approx. 12 kg (26-1/2 lb)

<sup>\*1</sup> S: Short edge feed -

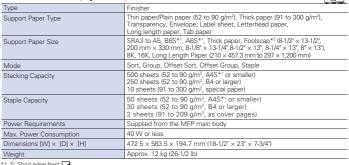
#### Fax Kit FK-511 (Optional)

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. A3 (Long Length Support: Max.1,000 mm)
Recording Paper Size	Max. A3 (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 Program Dials	400
Number of Group Dials	100
Sequential Multiple Station Transmission	Max. 600

#### IP Address Fax \*Optional Fax Kit FK-511 is required.

Protocol Transmission	SMTP
Sending Paper Size	A3, B4, A4
Resolution	200 × 200 dpi, 400 × 400 dpi, 600 × 600 dpi
Format	Send: TIFF-F, Receive: TIFF-F
	Colour/Grey Scale: TIFF (RFC3949 Profile-C)

# Finisher FS-533 (Optional)



<sup>\*1</sup> S: Short edge feed \*2 Set by Customer engineer

Job Separator JS-506 (Optional)		
Tray 1	Thin paper/Plain paper (52 to 90 g/m²), Thick paper (91 to 300 g/m²), Transparency, Envelope, Label sheet	
Tray 2	Thin paper/Plain paper (52 to 90 g/m²), Thick paper (91 to 300 g/m²), Transparency, Envelope, Label sheet, Long length paper	
	SRA3 to A5, B6S*1, A6S*1, Thick paper, Foolscap*2 (8-1/2* $\times$ 13-1/2*, 200 mm $\times$ 330 mm, 8-1/8* $\times$ 13-1/4*, 8-1/2* $\times$ 13*, 8-1/4* $\times$ 13*, 98, 16K, Long Length Paper (210 $\times$ 457.3 mm to 297 $\times$ 1,200 mm)	
Tray 1	100 sheets (52 to 90 g/m²)	
Tray 2	150 sheets (52 to 90 g/m²)	
	Supplied from MFP main body	
	24 W or less	
	491.9 × 469.5 × 226.5mm (19-1/2" × 18-1/2" × 9")	
	Approx. 1.5 kg (3-1/4 lb)	
	Tray 1 Tray 1 Tray 2	

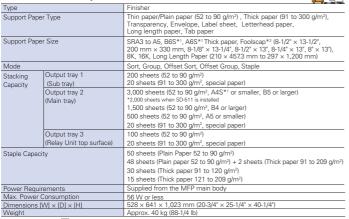
<sup>\*1</sup> S: Short edge feed 🗔



<sup>\*2</sup> Set by Customer engineer

# **Specifcations**

#### Finisher FS-534 (Optional)



- S: Short edge feed -

#### Saddle Stitcher SD-511 (For FS-534) / SD-512 (For FS-535) (Optional)





ob-512 (10110-333) (opt	ionar,		
Model	SD-511	SD-512	
Applicable	Finisher FS-534	Finisher FS-535	
Support Paper Type	Centre Staple: 52 to 90 g/m² Half-Fold: 52 to 209 g/m² (more than 91 g/m² Thick paper can be used only as a cover page) Tri-Fold: 52 to 90 g/m²		
Support Paper Size	Centre Staple and Fold, Half-Fold: A3 Wide, A3, B4, A4S*1, 12-1/4" x 18", 11" x 17", 8-1/2" x 14", 8-1/2" x 11", 8K Tri-Fold: A4S*1, 8-1/2" x 11"S*1, 16KS*1	Centre Staple and Fold, Half-Fold: A3 Wide, A3, B4, A4S*1,12-1/4" x 18", 11" x 17", 8-1/2" x 14", 8-1/2" x 11",8K Tri-Fold: A4S*1, 8"-1/2" x 11"S*1, 16KS*1	
Maximum Number of Sheets that can be Centrestapled	20 (52 to 90 g/m²) sheets, or 19 (90 g/m²) sheets + Thick (209 g/m²) 1 sheet		
Maximum Number of Folded Sheets	Half-Fold: 5 sheets or Thick paper (91 to 209 g/m²) 1 sheet, Tri-Fold: 3 sheets		
Stacking Capacity	1 to 3 sheets: 20 sets 4 to 10 sheets: 10 sets 11 to 20 sheets: 5 sets Tri-Fold (1 sheet): 30 sets Tri-Fold (2-3 sheets): 10 sets	1 to 5 sheets: 35 sets 6 to 10 sheets: 25 sets (paper length: 330 mm or less), 30 sets (paper length: over 330 mm) 11 to 20 sheets: 15 sets Tri-Fold (1 sheet): 50 sets Tri-Fold (2 sheets): 40 sets Tri-Fold (3 sheets): 30 sets	
Power Requirements	Supplied from Finisher FS-534	Supplied from Finisher FS-535	
Max. Power Consumption		31 W or less	
Dimensions [W] $\times$ [D] $\times$ [H]	210 × 556 × 547 mm (8-1/2" × 21-3/4" × 21-1/2")	239 × 579 × 534 mm (9-1/2" × 22-3/4" × 21")	
Weight	Approx. 24 kg (53 lb)	Approx. 25.5 kg (56-1/4 lb)	

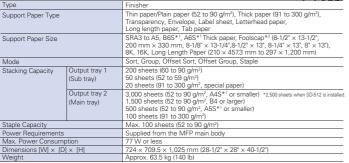
<sup>\*1</sup> S: Short edge feed 🗔

### Punch Kit PK-519 (For FS-533) / PK-520 (For FS-534)/ PK-521 (For FS-535) (Optional)

Model	PK-519	PK-520	PK-521
Applicable	Finisher FS-533	Finisher FS-534	Finisher FS-535
Number of holes	2 holes or 4 holes		
Support Paper Type (Weight)	Thin paper/Plain paper (52 to 90 g/m²), Thick paper (91 to 157 g/m²)	Thin paper/Plain paper ( Thick paper (91 to 300 g	
Support Paper Size	A3, B4, A4, B5, Foolscap*2 (8-1/2" × 13-1/2", 200 mm × 330 mm, 8-1/8"×13-1/4", 8-1/2" × 13", 8-1/4" × 13", 8" × 13"), 8K, 16K	A3, B4, A4, B5, Foolscap*2 (8-1/2" × 13-1/2", 200 mm × 330 mm, 8-1/8" × 13-1/4", 8-1/2" × 13", 8-1/4" × 13", 8" × 13"), 8K, 16K	A3, B4, A4, B5 (Excluding 52 to 59 g/m² B5S*¹), A5, Foolscap*² (8-1/2' × 13-1/2', 200 mm × 330 mm, 8-1/8' × 13-1/4', 8-1/2' × 13'', 8-1/4' × 13'', 8'' × 13''), 8K, 16K
Power Requirements	Supplied from Finisher FS-533	Supplied from Finisher FS-534	Supplied from Finisher FS-535
Max. Power Consumption			17 W or less
Dimensions [W] $\times$ [D] $\times$ [H]	110.2 × 483.5 × 203.2 mm (4-1/2" × 19" × 8")	61 × 492 × 142 mm (2-1/2" × 19-1/2" × 5-1/2")	146.2 × 639.2 × 233.8 mm (5-3/4" × 25-1/4" × 9-1/4")
Weight	Approx. 3.2 kg (7 lb)	Approx. 1.8 kg (4 lb)	Approx. 4.5 kg (10 lb)
*1 S: Short edge feed		•	

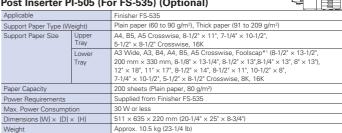
- \*2 Set by Customer engineer

#### Finisher FS-535 (For bizhub 554e Only) (Optional)



<sup>1</sup> S: Short edge feed 🗔

#### Post Inserter PI-505 (For FS-535) (Optional)



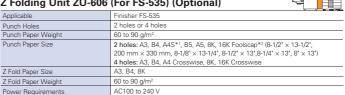
<sup>\*1</sup> Set by Customer enginee

### Job Separator JS-602 (For FS-535) (Optional)



- \*1 S: Short edge feed \*2 Set by Customer engine

### Z Folding Unit ZU-606 (For FS-535) (Optional)



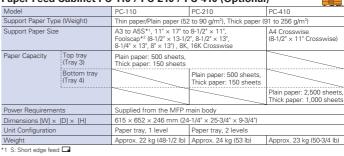
169 × 1,028 × 660 mm (6-3/4" × 40-1/2" × 26")

- Dimensions [W] × [D] × [H] \*1 S: Short edge feed 🗔
- \*2 Set by Customer end

#### Paper Feed Cabinet PC-110 / PC-210 / PC-410 (Optional)

120 W or less

Approx. 45 kg (99-1/4 lb)



- \*2 Set by Customer engineer

Support Paper Size Paper Capacity

Power Requirements Max. Power Consumption
Dimensions [W] × [D] × [H]

#### Large Capacity Unit LU-204 / LU-301 (Optional)





- Approx. 25 kg (55 lb) | түрлгий. 2 му тоо тоу тургий. 2 му тоу тургий. 2 му тоу тургий. 2 му тоу тургий. 12 му тургий. 2 му турги

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

Applicable Card	ISO 14443 TypeA, FeliCa-based noncontact IC card
Interface	USB 2.0
Power Supply	Power received from USB port
Dimensions [W] $\times$ [D] $\times$ [H]	92 × 64 × 16 mm (3-3/4" × 2-1/2" × 3/4")
Weight	Approx. 120 g (264-1/2 lb)

#### Authentication Unit (Biometric type) AU-102 (Optional)

Biometric Sensor System	Transmission-type optical system
Interface	USB 2.0
Verification Time	Approx. 1 sec. or less
Max. Power Consumption	DC 5 V 500 mA
Dimensions [W] $\times$ [D] $\times$ [H]	59 × 82 × 74 mm (2-1/4" × 3-1/4" × 3")
Weight	Approx. 96 g (211-3/4 lb) (excluding USB cable)



<sup>\*2</sup> Set by Customer engineer

