Ba-Phalaborwa Municipality Remotes Site

1. Community services department
2. Fleet department
3. Supply chain
4. Internal audit /risk department
5. Parks
6. Tourism centre
7. Lulekani town hall
8. Rixile library
9. Planning department
10. Memorial precinct
11. Namakgale town hall
12. Leboneng library
13. Mashishimale library
14. Gravelotte library
15. Selwane library
16. Prieska library

ComColor

Print Type		Line-type inkjet system
Ink Type		Oil-based pigment ink (Cyan, Magenta, Yellow, Black, Gray)
Print Resolution		Standard/High Chromogenic Black: 600 dpi (main scanning direction) × 600 dpi (sub-scanning direction) Cyan, Magenta, Yellow, Gray: 300 dpi (main scanning direction) × 300 dpi (sub-scanning direction)
		Fine Black: 600 dpi (main scanning direction) × 600 dpi (sub-scanning direction) Cyan, Magenta, Yellow, Gray: 300 dpi (main scanning direction) × 600 dpi (sub-scanning direction)
Number of Gray Levels		Black: 4 gray levels Cyan, Magenta, Yellow, Gray: 12 gray levels
Data Processing Resolution		Standard/High Chromogenic Black: 600 dpi × 600 dpi Cyan, Magenta, Yellow, Gray: 300 dpi × 300 dpi
		Fine Black: 600 dpi × 600 dpi Cyan, Magenta, Yellow, Gray: 300 dpi × 600 dpi
		Line Smoothing 600 dpi × 600 dpi
Warm-up Time		2 min. 30 sec. or less (at room temperature of 23 °C (73.4 °F))
First Print Time [1]		5 sec. or less (A4 long-edge feed)
First Copy Time [1]		7 sec. or less (A4 long-edge feed)
Continuous Print Speed [2][3]	A4 long-edge feed	Simplex: 160 ppm Duplex: 80 sheets/minute (160 ppm)
	Letter long-edge feed	Simplex: 160 ppm Duplex: 80 sheets/minute (160 ppm)
	A4 short-edge feed	Simplex: 120 ppm Duplex: 60 sheets/minute (120 ppm)
	Letter short-edge feed	Simplex: 120 ppm Duplex: 60 sheets/minute (120 ppm)
	B4 (JIS) short-edge feed	Simplex: 102 ppm Duplex: 44 sheets/minute (88 ppm)
	Legal short-edge feed	Simplex: 104 ppm Duplex: 44 sheets/minute (88 ppm)
	A3 short-edge feed	Simplex: 88 ppm Duplex: 42 sheets/minute (84 ppm)
	Ledger short-edge feed	Simplex: 86 ppm Duplex: 42 sheets/minute (84 ppm)
Paper Size	Standard Tray	Maximum: 340 mm × 550 mm (13 3/8" × 21 5/8") Minimum: 90 mm × 148 mm (3 9/16" × 5 27/32")
	Feed Tray	Maximum: 297 mm × 432 mm (11 11/16" × 17") Minimum: 182 mm × 182 mm (7 3/16" × 7 3/16")
Printable Area		314 mm × 548 mm (12 3/8" × 21 19/32")
Guaranteed Print Area [1]		Standard: Margin width of 3 mm (1/8") Maximum: Margin width of 1 mm (3/64")
Paper Weight	Standard Tray	46 gsm to 210 gsm (12-lb bond to 56-lb bond)
	Feed Tray	52 gsm to 104 gsm (14-lb bond to 28-lb bond)

[1] The pollution degree of the usage environment due to dirt and dust in the air. Degree "2" corresponds to a general indoor environment.

Consumables

Staple 50 (G)

Staples for the Face Down Finisher G10.
Unit: 15,000 pieces of staples per carton box.

ColorExpress

CPU	Intel® Celeron® G1820 2.7 GHz
Memory Capacity	4 GB
Hard Disk Capacity	500 GB
Operating System	Windows® 10 IoT Enterprise
Network Interface	2 ports (Ethernet: 10BASE-T/100BASE-TX/1000BASE-T)
Power Source	AC 100 V - 240 V, 3.0 A - 1.5 A, 50 Hz - 60 Hz
Power Consumption	Max. 180 W
Dimensions (W × D × H) [1]	145 mm × 400 mm × 325 mm (5.8" × 15.8" × 12.8")
Weight	Approx. 7 kg
PDL (Page Description Language)	PostScript® 3 (CPSI:3020), PDF (1.7) (APPE 3.0), EPS, TIFF (6.0), PCL 5c, PCL 6 (PCL XL), PPML (3.0), FreeForm, FreeForm2, PDF/VT, Creo VPS, Fiery JDF (1.5)
Support Protocol	TCP/IP, HTTP, HTTPs (TLS), DHCP, FTP, LPR, IPP, SNMP, SMB, Port 9100 (RAW port), IPv4, IPv6, IPsec, Bonjour, EtherTalk
Installed Font	PS: 138 fonts (Type1:126, TrueType:10, MM:2) PCL: 81 fonts
Supported Client Operating System	Windows Vista® (32-bit/64-bit), Windows® 7 (32-bit/64-bit), Windows® 8.1 (32-bit/64-bit), Windows® 10 (32-bit/64-bit), Windows Server® 2008 (32-bit/64-bit), Windows Server® 2008 R2 (64-bit), Windows Server® 2012 (64-bit), Windows Server® 2012 R2 (64-bit), Windows Server® 2016 (64-bit), Mac OS v 10.12 (Sierra), Mac OS X 10.8, Mac OS X 10.9, Mac OS X 10.10, Mac OS X 10.11

[1] Keep other objects at least 200 mm away from the equipment in the rear, and right and left.

	interface	
	Data-saving Method [1]	Save to main unit hard drive, server, or USB flash drive, or send by e-mail
	Data-saving Format [1]	Monochrome: TIFF, PDF, PDF/A Grayscale/Full Color: TIFF, JPEG, PDF, PDF/A
Power Source		AC 100 V - 240 V, 1.2 A - 0.6 A, 50 Hz - 60 Hz
Power Consumption		Max. 100 W
Dimensions (W × D × H)		640 mm × 560 mm × 255 mm (25 3/16" × 22 1/16" × 10 1/32")
Required Space with Printer (W × D × H)		1,235 mm × 1,345 mm × 1,635 mm (48 5/8" × 52 31/32" × 64 3/8")
Weight		Approx. 25 kg (55 lb)
Safety Information		IEC60950-1 compliant, indoor, pollution degree 2 [2], At altitudes of 2,000 m or lower

[1] Via the internal host controller
[2] The pollution degree of the usage environment due to dirt and dust in the air. Degree "2" corresponds to a general indoor environment.

RISO Auto-Control Stacking Tray II

The paper guides automatically open to the correct width to match the paper in use.

Paper Size
Maximum: 320 mm × 432 mm (12 9/16" × 17")
Minimum: 90 mm × 148 mm (3 15/16" × 5 13/16")
Tray Capacity: 1,000 sheets
* When using plain paper or recycled paper (85 gsm (23-lb bond))

Wide Stacking Tray

Paper Size
Maximum: 340 mm × 550 mm (13 3/8" × 21 5/8")
Minimum: 90 mm × 148 mm (3 15/16" × 5 13/16")
Tray Capacity: 1,000 sheets
* When using plain paper or recycled paper (85 gsm (23-lb bond))

PS Kit FG10

When the PS Kit is installed, several functions useful for more efficient use are available, such as Tray Selection Per Page, Color Profile, and Form Overlay.

PDL* PostScript Level3 (CPSI:3019), PCL 5c, PCL 6 (PCL XL), TIFF (6.0)
Installed Fonts PS: 136 Roman fonts PCL: 88 Roman fonts
* Page Description Language

IC Card Authentication Kit II

The optional IC Card Authentication Kit enables user management using an IC card.

High Capacity Feeder

Type	External Unit
Paper Size	Maximum: 340 mm × 465 mm (13 3/8" × 18 5/16") Minimum: 90 mm × 148 mm (3 9/16" × 5 27/32")
Paper Type and Weight	46 gsm to 210 gsm (12-lb bond to 56-lb bond) (plain paper, recycled paper, envelopes, postcards)
Tray Capacity	Height up to 440 mm (17 11/32")
Power Source	AC 100 V - 240 V, 1.0 A - 0.5 A 50 Hz - 60 Hz
Power Consumption	Max. 100 W Ready*[1]: 30 W or less Sleep*[2]: 30 W or less Stand-by: 0.5 W or less
Operating Noise	Max. 68 db (A) A4-long-edge feed (Simplex) at the maximum print speed
Dimensions (W × D × H)	790 mm × 630 mm × 740 mm (31 1/8" × 24 13/16" × 29 5/32")
Required Space with Printer (W × D × H)	1,565 mm × 1,240 mm × 1,160 mm (61 5/8" × 48 13/16" × 45 11/16")
Weight	Approx. 69 kg (152 lb)
Safety Information	IEC60950-1 compliant, Indoor, pollution degree 2 *[3], At altitudes of 2,000 m or lower

*1 Without printing operation
*2 When setting [Power Consumption (in Sleep)] to [Low].
*3 The pollution degree of the usage environment due to dirt and dust in the air. Degree "2" corresponds to   a general indoor environment.

High Capacity Stacker

Type	External Unit
Finishing Functions	Collating, offset stacking
Paper Size	Maximum: 340 mm × 460 mm (13 3/8" × 18 1/8") Minimum: 90 mm × 148 mm (3 9/16" × 5 27/32") Offset: 90 mm × 182 mm - 340 mm × 432 mm (3 9/16" × 7 3/16" - 13 3/8" × 17") (Envelopes are not acceptable.)
Paper Type and Weight	46 gsm to 210 gsm (12-lb bond to 56-lb bond) (plain paper, recycled paper, postcards)
Tray Capacity	Collating: Height up to 440 mm (17 11/32")*[1] Offset: Height up to 405 mm (15 15/16")*[2]
Power Source	AC 100 V - 240 V, 1.4 A - 0.7 A, 50 Hz - 60 Hz
Power Consumption	Max. 140 W Ready*[3]: 30 W or less Sleep*[4]: 30 W or less Stand-by: 0.5 W or less
Operating Noise	68 dB (A) or less A4-long-edge feed (Simplex/duplex) at the maximum print speed
Dimensions (W × D × H)	1,000 mm × 700 mm × 960 mm (39 3/8" × 27 9/16" × 37 13/16")
Required Space with Printer (W × D × H)	2,210 mm × 1,315 mm × 1,160 mm (87 1/32" × 51 25/32" × 45 11/16")
Weight	Approx. 135 kg (298 lb)
Safety Information	IEC60950-1 compliant, Indoor, pollution degree 2 *[5], At altitudes of 2,000 m or lower.

*1 Height up to 110 mm for A5, postcards, envelopes, non-regular size paper *2 Not applicable to A5, postcards, envelopes, non-regular size paper, etc.
*3 Without printing operation
*4 When setting [Power Consumption (in Sleep)] to [Low].
*5 The pollution degree of the usage environment due to dirt and dust in the air. Degree "2" corresponds to   a general indoor environment.

Wrapping Envelope Finisher

Type		In-Line Sealed Mail Making System
Finishing Type		Sealed Mail Making
Dedicated Paper for Envelopes		Wrapping Envelope Form C: 243 mm × 296 mm (9 9/16" × 11 21/32") Approx. 105 gsm (28-lb bond)
Insert Paper	Size	Legal (8 1/2" × 14"), Letter (8 1/2" × 11")
	Paper Type and Weight — Standard Tray	Plain paper, recycled paper 46 gsm to 120 gsm (12.2-lb bond to 31.9-lb bond) paper
	Feed Tray	52 gsm to 104 gsm (14-lb bond to 28-lb bond) paper
Printable Area	Dedicated Paper for Envelopes	Form C Maximum: 222 mm × 217 mm (8 23/32" × 8 9/16")

		Guaranteed Print Area for Inserts	Standard: Margin width of 3 mm (1/8") Maximum: Margin width of 1 mm (0.04")
Maximum Load of the Mail Stacker			Height up to 310 mm (12 7/32") (Approx. 110 mails: IJ paper (85 gsm (23-lb bond))/1 sheet enclosure with Inner 3-folds)
Number of Inserts Sheets	(When the size is Letter)		46 gsm to 59 gsm (12.2-lb bond to 15.7-lb bond) — 6 sheets or less
			60 gsm to 80 gsm (16-lb bond to 21.3-lb bond) — 5 sheets or less
			81 gsm to 100 gsm (21.5-lb bond to 26.6-lb bond) — 4 sheets or less
			101 gsm to 120 gsm (26.9-lb bond to 31.9-lb bond) — 3 sheets or less
	(When the size is Legal)		46 gsm to 59 gsm (12.2-lb bond to 15.7-lb bond) — 4 sheets or less
			60 gsm to 80 gsm (16-lb bond to 21.3-lb bond) — 3 sheets or less
			81 gsm to 100 gsm (21.5-lb bond to 26.6-lb bond) — 2 sheets or less
			101 gsm to 120 gsm (26.9-lb bond to 31.9-lb bond) — 1 sheet
Adhesion Method		Mail short-edge part	Pressurized adhesion method to the pressure-sensitive adhesive coated area.
		Mail long-edge part	Wet coating adhesion method to the remoistening adhesive coated area.
Remoistening Adhesive	Supplementation Method		Replenish from the water supply tank (removal possible)
	Water Supply Tank Capacity		400 ml
	Water Tank Capacity Inside Printer		480 ml
Finished Product Mail Size			Wrapping Envelope Form C: 243 mm × 110 mm (9 9/16" × 4 5/16")
Processing Speed *[1]			41 mails/min for Letter simplex
Power Source			AC 100 V - 240 V, 3.0 A - 1.5 A, 50 Hz - 60 Hz
Power Consumption			Max. 250 W Ready: 40 W or less Stand-by: 0.5 W or less
Operating Noise *[2]			68 dB (A) or less
Dimensions (W × D × H) *[3]			990 mm × 710 mm × 960 mm (38 31/32" × 27 15/16" × 37 13/16")
Required Space with Printer (W × D × H) *[3]			2,270 mm × 1,280 mm × 1,160 mm (89 3/8" × 50 3/8" × 45 21/32")
Weight			Approx. 161 kg (355-lb)
Safety Information			IEC60950-1 compliant, Indoor, pollution degree 2*[4], At altitudes of 2,000 m or lower

Consumables

Designed specifically to create envelopes for use with the RISO ComColor GD series.

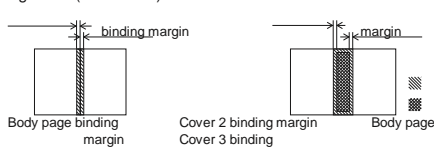| Item	Size	Contents	Characteristics
Wrapping Envelope Form C	243 mm × 296 mm (9 9/16" × 11 21/32")	250 sheets × 4 packs	You can seal Letter enclosures by Inner 3-fold or Legal by 4-fold.

Perfect Binder

Type	Perfect Binder
Finishing Type	Perfect Binding
Warming-Up Time	13 min. or less (at a room temperature of 23 °C)

Binding speed*1		62 booklets/hour
Paper Size		Body page (long-edge feed): A4, B5(JIS), A5, Letter
		Cover sheet *2 (When cutting off the surplus part): A5: 210 mm × 307 mm - 342 mm (8 1/4" × 12 3/32" - 13 15/32") B5: 257 mm × 374 mm - 409 mm (10 1/8" × 14 23/32" - 16 1/8") A4: 297 mm × 430 mm - 465 mm (11 11/16" × 16 15/16" - 18 5/16") Letter: 279.4 mm × 441.8 mm - 476.8 mm (11" × 17 13/32" - 18 25/32") Cover sheet (When leaving the surplus part): A5: 210 mm × 298.5 mm - 398 mm (8 1/4" × 11 3/4" - 15 11/16") B5: 257 mm × 365.5 mm - 432 mm (10 1/8" × 14 3/8" - 17") A4: 297 mm × 421.5 mm - 460 mm (11 11/16" × 16 5/8" - 18 1/8") Letter: 279.4 mm × 433.3 mm - 466 mm (11" × 17 1/16" - 18 11/32")
Paper Weight	Standard Tray	Body page: Plain paper, recycled paper 52 gsm to 128 gsm (14-lb bond to 34-lb bond) (For A5 long-edge feed, 64 gsm to 128 gsm (17-lb bond to 34-lb bond))
		Cover *3: Plain paper, recycled paper, high-quality paper 80 gsm to 210 gsm (21-lb bond to 56-lb bond)
	Feed Tray	Body page: Plain paper, recycled paper 52 gsm to 104 gsm (14-lb bond to 28-lb bond) (not available with A5 long-edge feed)
		Cover *3: Plain paper, recycled paper 80 gsm to 104 gsm (21-lb bond to 28-lb bond)
	Body Sheet Stacker	Body page: Plain paper, recycled paper 52 gsm to 128 gsm (14-lb bond to 34-lb bond)
	Cover Sheet Inserter	Cover *3: Plain paper, recycled paper, high-quality paper 80 gsm to 210 gsm (21-lb bond to 56-lb bond)
Binding Thickness (Binding Amount of Sheets)		1.5 mm - 30 mm (1/16" - 1 3/16") When using plain paper (85 gsm (23-lb bond)), 15 - 300 sheets Binding amount of sheets varies depending on the paper type.
Binding Side		Long side only
Output Capacity*4		30 copies (Max. 50 sheets for a copy)
Essential margin*5		Body page: Min. 5 mm (7/32")
		Cover: Whole back side of spine, min. 5 mm (7/32") on Cover 2 and Cover 3
Corresponding File Format		Microsoft® Word2010, Excel® 2010, PowerPoint® 2010, PDF Version 1.3 to 1.7
Power Source		Perfect Binder G10 (120) AC 100 V - 120 V, 12.0 A, 50 Hz - 60 Hz Perfect Binder G10 (200) AC 220 V - 240 V, 6.0 A, 50 Hz - 60 Hz
Power Consumption		Max. 1,500 W
Operating noise *6		Max. 70 dB or less (when binding)
Dimensions (W × D × H)		1,290 mm × 675 mm × 1,125 mm (50 25/32" × 26 9/16" × 44 5/16")
Required Space with Printer (W × D × H)		2,755 mm × 1,240 mm × 1,160 mm (108 15/32" × 48 13/16" × 45 11/16")
Weight		Approx. 220 kg (485 lb)
Safety Information		IEC60950-1 compliant, Indoor, pollution degree 2*7, At altitudes of 2,000 m or lower

*1 The per hour speed converted based on the time required for the 5th to 10th booklet to be completed when configured with the following: Type of paper - IJ paper; Concentration - standard; and Resolution - 300 dpi. *2 The length of the cover will vary depending on the thickness of the body pages to be bound. Paper with shorter length than body pages cannot be used.
*3 If the thickness of the booklet (spine) will be 20 mm (25/32") or more, the use of paper that is 105 gsm (28-lb bond) or heavier is recommended.

binding margin

Body page binding margin

margin

Cover 2 binding margin Cover 3 binding

Body page

*4 When using ideal IJ paper (85 gsm (23-lb bond))
*5 • Two-page spread on the body page • Two-page spread on the cover

Binding margin

Gluing part of spine

*6 160 ppm when connected to the printer, binding A4 long-edge feed
*7 The pollution degree of the usage environment due to dirt and dust in the air. Degree "2" corresponds to a general indoor environment.

Consumables

Glue sheet
Binds up approx. 600 booklets (A4 size, 5 mm (7/32") width)

Primary filter
Replace after using two sets of glue sheets.

Secondary filter
Replace after using twelve sets of glue sheets or after approximately one year. Replace at the timing of whichever comes first.

Multifunction Finisher

		Collating, stacking
Tray Type	Top Tray	
	Stacking Tray	Collating, offset stacking
	Booklet Tray	Booklet, paper folding
Paper Size	Top Tray*1	Maximum: 330 mm × 488 mm (13" × 19 3/16") Minimum: 100 mm × 148 mm (3 15/16" × 5 27/32")
	Stacking Tray*1	Maximum: 330 mm × 488 mm (13" × 19 3/16") Minimum: 182 mm × 182 mm (7 3/16" × 7 3/16")
	Booklet Tray*1	Maximum: 330 mm × 457 mm (13" × 18") Minimum: 210 mm × 280 mm (8 1/4" × 11")
Paper Weight	Top Tray	52 gsm to 210 gsm (14-lb bond to 56-lb bond)
	Stacking Tray	52 gsm to 210 gsm (14-lb bond to 56-lb bond)
	Booklet Tray	60 gsm to 90 gsm (16-lb bond to 24-lb bond) (cover: 60 gsm to 210 gsm (16-lb bond to 56-lb bond))
Tray Capacity	Top Tray	Height up to 50 mm (1 15/16")
	Stacking Tray	Height up to 200 mm (7 7/8")
	Booklet Tray	Height up to 50 mm (1 15/16")
Stapling	Maximum Number of Staples*2	100 sheets A4, A4 long-edge feed, B5(JIS) long-edge feed, Letter, Letter long-edge feed 65 sheets A3, B4(JIS), Ledger, Legal, Foolscap
	Paper Size	Maximum: 297 mm × 432 mm (11 11/16" × 17") (equivalent to A3) Minimum: 203 mm × 182 mm (8" × 7 3/16") (equivalent to B5(JIS) longedge feed)
	Staple Position	1 at front side (angle stapling), 1 at rear side (angle stapling*3, parallel stapling), 2 at center (parallel stapling)
Punching	Number of Punches	2 holes, 3 holes 2 holes, 4 holes
	Paper Size	2 holes: A3, B4(JIS), A4 long-edge feed, A4, B5(JIS) long-edge feed, Ledger, Legal, Letter long-edge feed, Letter 3 holes: A3, B4(JIS), A4 long-edge feed, B5(JIS) long-edge feed, Ledger, Letter long-edge feed 4 holes: A3, A4 long-edge feed, Ledger, Letter long-edge feed
	Paper Weight	52 gsm to 200 gsm (14-lb bond to 53-lb bond)
Creating a Booklet (Center margin/2-fold)	Maximum Number of Sheets*2*4	Center margin: 15 sheets (60 pages) 2-fold: 5 sheets (20 pages)
Power Source		AC 100 V - 240 V, 50 Hz - 60 Hz, 2.0 A - 1.0 A
Power Consumption		Max. 175 W
Operating Noise		68 dB (A) or less
Dimensions (W × D × H)		1,120 mm × 765 mm × 1,130 mm (44 3/32" × 30 1/8" × 44 1/2")
Required Space with Printer (W × D × H)	With folder unit	2,520 mm × 1,340 mm × 1,160 mm (99 7/32" × 52 3/4" × 45 11/16")
	Without folder unit	2,315 mm × 1,280 mm × 1,160 mm (91 5/32" × 50 13/32" × 45 11/16")
Weight		Approx. 131 kg (289 lb)
Safety Information		IEC60950-1 compliant, Indoor, pollution degree 2*5, At altitudes of 2,000 m or lower
Type		External Unit

*1 When color printing on paper that is longer than 432 mm (17"), the image printed beyond 432 mm (17")   may be distorted.
*2 When using plain paper or recycled paper (85 gsm (23-lb bond)) *3 Rear-side angle stapling is only available for A4 long-edge feed and A3.
*4 Includes an added cover.
*5 The pollution degree of the usage environment due to dirt and dust in the air. Degree "2" corresponds to a   general indoor environment.

Folder Unit

Paper Size	Z-fold*1	A3, B4(JIS), Ledger
	Tri-fold (Outer Trifold/Inner Tri-fold)	A4, Letter
Paper Weight		60 gsm to 90 gsm (16-lb bond to 24-lb bond) (plain paper, recycled paper)
Tri-fold Output Tray Capacity*2		Approx. 30 sheets
Number of Sheet per Fold		1 sheet
Dimensions (W × D × H)		210 mm × 622 mm × 1,002 mm (8 1/4" × 24 15/32" × 39 14/32")
Weight		Approx. 40 kg (88 lb)

*1 When printouts are output to the stacking tray, maximum height up pages differ according to the paper size.
   (A3 paper: 30 pages, B4(JIS) paper: 20 pages)
*2 When using plain paper or recycled paper (85 gsm (23-lb bond))

Consumables

HC Staple 100

Staples for the Multifunction Finisher FG10.
Unit: 15,000 pieces of staples per carton box.

HC Staple Booklet

Saddle stitch staples for the Multifunction Finisher FG10.
Unit: 20,000 pieces of staples per carton box.