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Header

[List View](#)

General Information

Contact

Default Values

Discount

Document Information

Procurement Folder: 134820

Procurement Type: Central Purchase Order

Vendor ID: 000000210166

Legal Name: KOMAX LLC

Alias/DBA:

Total Bid: \$115,212.23

Response Date: 11/12/2015

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Solicitation Description: Addendum #4 - RICOH PRO C7100
SERIES OR EQUAL

Total of Header Attachments: 0

Total of All Attachments: 0



Purchasing Division
2019 Washington Street East
Post Office Box 50130
Charleston, WV 25305-0130

State of West Virginia
Solicitation Response

Proc Folder : 134820

Solicitation Description : Addendum #4 - RICOH PRO C7100 SERIES OR EQUAL

Proc Type : Central Purchase Order

Date issued	Solicitation Closes	Solicitation No	Version
	2015-11-12 13:30:00	SR 0402 ESR11121500000002210	1

VENDOR
000000210166 KOMAX LLC

FOR INFORMATION CONTACT THE BUYER

Stephanie L Gale
(304) 558-7023
stephanie.l.gale@wv.gov

Signature X	FEIN #	DATE
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All offers subject to all terms and conditions contained in this solicitation

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
1	RICOH PRO C7100 SERIES OR EQUAL	1.00000	EA	\$115,212.230000	\$115,212.23

Comm Code	Manufacturer	Specification	Model #
44101501			

Extended Description :	RICOH PRO C7100 SERIES OR EQUAL
------------------------	---------------------------------

STATE OF WEST VIRGINIA
Purchasing Division

PURCHASING AFFIDAVIT

MANDATE: Under W. Va. Code §5A-3-10a, no contract or renewal of any contract may be awarded by the state or any of its political subdivisions to any vendor or prospective vendor when the vendor or prospective vendor or a related party to the vendor or prospective vendor is a debtor and: (1) the debt owed is an amount greater than one thousand dollars in the aggregate; or (2) the debtor is in employer default.

EXCEPTION: The prohibition listed above does not apply where a vendor has contested any tax administered pursuant to chapter eleven of the W. Va. Code, workers' compensation premium, permit fee or environmental fee or assessment and the matter has not become final or where the vendor has entered into a payment plan or agreement and the vendor is not in default of any of the provisions of such plan or agreement.

DEFINITIONS:

"Debt" means any assessment, premium, penalty, fine, tax or other amount of money owed to the state or any of its political subdivisions because of a judgment, fine, permit violation, license assessment, defaulted workers' compensation premium, penalty or other assessment presently delinquent or due and required to be paid to the state or any of its political subdivisions, including any interest or additional penalties accrued thereon.

"Employer default" means having an outstanding balance or liability to the old fund or to the uninsured employers' fund or being in policy default, as defined in W. Va. Code § 23-2c-2, failure to maintain mandatory workers' compensation coverage, or failure to fully meet its obligations as a workers' compensation self-insured employer. An employer is not in employer default if it has entered into a repayment agreement with the Insurance Commissioner and remains in compliance with the obligations under the repayment agreement.

"Related party" means a party, whether an individual, corporation, partnership, association, limited liability company or any other form or business association or other entity whatsoever, related to any vendor by blood, marriage, ownership or contract through which the party has a relationship of ownership or other interest with the vendor so that the party will actually or by effect receive or control a portion of the benefit, profit or other consideration from performance of a vendor contract with the party receiving an amount that meets or exceeds five percent of the total contract amount.

AFFIRMATION: By signing this form, the vendor's authorized signer affirms and acknowledges under penalty of law for false swearing (W. Va. Code §61-5-3) that neither vendor nor any related party owe a debt as defined above and that neither vendor nor any related party are in employer default as defined above, unless the debt or employer default is permitted under the exception above.

WITNESS THE FOLLOWING SIGNATURE:

Vendor's Name: KOMAX LLC

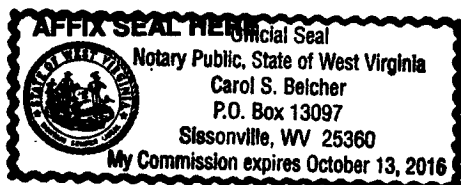
Authorized Signature: *David Hefley* Date: 11/4/2015

State of West Virginia

County of Kanawha, to-wit:

Taken, subscribed, and sworn to before me this 4th day of November, 2015.

My Commission expires October 16, 2015.



NOTARY PUBLIC *Carol Sue Belcher*

Purchasing Affidavit (Revised 08/01/2015)

State of West Virginia

VENDOR PREFERENCE CERTIFICATE

Certification and application is hereby made for Preference in accordance with **West Virginia Code**, §5A-3-37. (Does not apply to construction contracts). **West Virginia Code**, §5A-3-37, provides an opportunity for qualifying vendors to request (at the time of bid) preference for their residency status. Such preference is an evaluation method only and will be applied only to the cost bid in accordance with the **West Virginia Code**. This certificate for application is to be used to request such preference. The Purchasing Division will make the determination of the Vendor Preference, if applicable.

1. **Application is made for 2.5% vendor preference for the reason checked:**
☐ Bidder is an individual resident vendor and has resided continuously in West Virginia for four (4) years immediately preceding the date of this certification; or,
☒ Bidder is a partnership, association or corporation resident vendor and has maintained its headquarters or principal place of business continuously in West Virginia for four (4) years immediately preceding the date of this certification; or 80% of the ownership interest of Bidder is held by another individual, partnership, association or corporation resident vendor who has maintained its headquarters or principal place of business continuously in West Virginia for four (4) years immediately preceding the date of this certification; or,
☐ Bidder is a nonresident vendor which has an affiliate or subsidiary which employs a minimum of one hundred state residents and which has maintained its headquarters or principal place of business within West Virginia continuously for the four (4) years immediately preceding the date of this certification; or,
2. **Application is made for 2.5% vendor preference for the reason checked:**
☒ Bidder is a resident vendor who certifies that, during the life of the contract, on average at least 75% of the employees working on the project being bid are residents of West Virginia who have resided in the state continuously for the two years immediately preceding submission of this bid; or,
3. **Application is made for 2.5% vendor preference for the reason checked:**
☐ Bidder is a nonresident vendor employing a minimum of one hundred state residents or is a nonresident vendor with an affiliate or subsidiary which maintains its headquarters or principal place of business within West Virginia employing a minimum of one hundred state residents who certifies that, during the life of the contract, on average at least 75% of the employees or Bidder's affiliate's or subsidiary's employees are residents of West Virginia who have resided in the state continuously for the two years immediately preceding submission of this bid; or,
4. **Application is made for 5% vendor preference for the reason checked:**
☒ Bidder meets either the requirement of both subdivisions (1) and (2) or subdivision (1) and (3) as stated above; or,
5. **Application is made for 3.5% vendor preference who is a veteran for the reason checked:**
☐ Bidder is an individual resident vendor who is a veteran of the United States armed forces, the reserves or the National Guard and has resided in West Virginia continuously for the four years immediately preceding the date on which the bid is submitted; or,
6. **Application is made for 3.5% vendor preference who is a veteran for the reason checked:**
☐ Bidder is a resident vendor who is a veteran of the United States armed forces, the reserves or the National Guard, if, for purposes of producing or distributing the commodities or completing the project which is the subject of the vendor's bid and continuously over the entire term of the project, on average at least seventy-five percent of the vendor's employees are residents of West Virginia who have resided in the state continuously for the two immediately preceding years.
7. **Application is made for preference as a non-resident small, women- and minority-owned business, in accordance with **West Virginia Code** §5A-3-59 and **West Virginia Code of State Rules**.**
☐ Bidder has been or expects to be approved prior to contract award by the Purchasing Division as a certified small, women- and minority-owned business.

Bidder understands if the Secretary of Revenue determines that a Bidder receiving preference has failed to continue to meet the requirements for such preference, the Secretary may order the Director of Purchasing to: (a) reject the bid; or (b) assess a penalty against such Bidder in an amount not to exceed 5% of the bid amount and that such penalty will be paid to the contracting agency or deducted from any unpaid balance on the contract or purchase order.

By submission of this certificate, Bidder agrees to disclose any reasonably requested information to the Purchasing Division and authorizes the Department of Revenue to disclose to the Director of Purchasing appropriate information verifying that Bidder has paid the required business taxes, provided that such information does not contain the amounts of taxes paid nor any other information deemed by the Tax Commissioner to be confidential.

Under penalty of law for false swearing (**West Virginia Code**, §61-5-3), Bidder hereby certifies that this certificate is true and accurate in all respects; and that if a contract is issued to Bidder and if anything contained within this certificate changes during the term of the contract, Bidder will notify the Purchasing Division in writing immediately.

Bidder: KOMAX LLC

Signed: *David Humphrey*

Date: 11/4/2015

Title: STATE CONTRACT MANAGER

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.: _____

Instructions: Please acknowledge receipt of all addenda issued with this solicitation by completing this addendum acknowledgment form. Check the box next to each addendum received and sign below. Failure to acknowledge addenda may result in bid disqualification.

Acknowledgment: I hereby acknowledge receipt of the following addenda and have made the necessary revisions to my proposal, plans and/or specification, etc.

Addendum Numbers Received:

(Check the box next to each addendum received)

- | | |
|---|--|
| <input type="checkbox"/> Addendum No. 1 | <input type="checkbox"/> Addendum No. 6 |
| <input type="checkbox"/> Addendum No. 2 | <input type="checkbox"/> Addendum No. 7 |
| <input type="checkbox"/> Addendum No. 3 | <input type="checkbox"/> Addendum No. 8 |
| <input type="checkbox"/> Addendum No. 4 | <input type="checkbox"/> Addendum No. 9 |
| <input type="checkbox"/> Addendum No. 5 | <input type="checkbox"/> Addendum No. 10 |

I understand that failure to confirm the receipt of addenda may be cause for rejection of this bid. I further understand that any verbal representation made or assumed to be made during any oral discussion held between Vendor's representatives and any state personnel is not binding. Only the information issued in writing and added to the specifications by an official addendum is binding.

Company



Authorized Signature

Date

NOTE: This addendum acknowledgment should be submitted with the bid to expedite document processing.
Revised 6/8/2012

Thank you for the invitation to submit a bid on a color digital press for the West Virginia Department of Education. The commodity being asked for is a Ricoh Pro C7100 Series or equal copier. It appears as if the specifications for the bid have been written so tightly around this product, that no other product can meet all of the specifications.

Our comparable product to the Ricoh Pro C7100 series is the Konica Minolta bizhub Press C1070. There are areas where our product is not equal to the Ricoh product, but there are also areas where the Ricoh product is not equal to ours. The Ricoh product has a 5th color station including white and clear toner, however we offer variable data printing with our solution which will provide the Department of Education a much broader application and greater return on investment than the expensive, time consuming, and limited use of clear and white toner. The Ricoh product is 80 pages per minute and ours is 70, however if you look at the product test results provided, in many applications our product out performs the Ricoh product. We tried to obtain comparable product testing for the Ricoh system, but it apparently has not been submitted for testing to Buyer's Laboratory Inc. The Ricoh product has trimming, however our product has an in-line perfect binder that can create 600 page books without the need for trimming. Our product also address many issues that apparently Ricoh has not since there are no applications included in the bid to address static for coated papers, color density control for color quality over long, continuous runs, paper curling, and bricking with high coverage on coated stocks. Our product address all of these issues and more with our anti-static and decurling relay units with in-line color density control that can be adjusted by the user during printing, vacuum paper feed system with dehumidifying heaters, rehumidifying relay unit, separate fuser for envelope printing.

It has been our experience that every product will have unique features and applications, but what will really set one product apart from another is the level of support that is provided. No one provides better or more comprehensive support to their production print customers. We have in Charleston, IT support staff, software support staff, and EFI Fiery certified support staff. We offer EFI's Fiery solutions training that most of our competitors do not. More than 25% of our 15 Konica Minolta

trained service technicians are trained to work on Konica Minolta's production devices. We work with many commercial printers and other higher education customers and we would love to have you speak with them regarding why they are KOMAX customers and we could also take you to their locations to see our equipment.

Sincerely,

Shaun Shamblin

Account Rep & Production Print Specialist

Mobile (304)395-3458

Toll Free (888)483-7440

Fax (304)744-7450

Email sshamblin@komaxwv.com



Konica Minolta bizhub PRESS C1070

Type: Production Print Digital Press
 Manufacturing Status: New
 Domestic Intro Date: February 2014
 Max Monthly Duty Cycle: 350,000 impressions



Item	QTY	Price	Total
Konica Minolta bizhub PRESS C1070 (A50U011) including delivery, installation, 5 years EFI Fiery training & support, EngageIT variable data printing with webinar training and 5 years technical support	1	\$39,721.00	\$39,721.00
DF-626 RADF (A0HUWY2)	1	\$869.46	\$869.46
EF-103 Envelope fuser (A57VW11)	1	\$1,951.84	\$1,951.84
RU-509 Decurling unit (A2A2W13)	1	\$2,730.56	\$2,730.56
PAT Status Light (LES402A)	1	\$216.40	\$216.40
HT-506 Dehumidifying heater for paper-feed units (A1RKWY1)	1	\$1,282.60	\$1,282.60
HM-102 Humidifier (A2A3WY2)	1	\$5,899.96	\$5,899.96
PF-707 Paper-feed unit 2 x 1,390 sheets and 1 x 1,850 sheets (A55CWY1)	1	\$5,678.08	\$5,678.08
FS-532 Finisher (A4F3WY1)	1	\$3,140.69	\$3,140.69
GC-501 Glue chips	1	\$40.00	\$40.00
PB-503 Perfect Binder (A15XW11)	1	\$22,020.02	\$22,020.02
PI-502 Post sheet inserter (A04HWY1)	1	\$559.47	\$559.47
MK-732 Post inserter mount kit	1	\$233.00	\$233.00
DS-502 Punch die Cerlox 19 hole (A0NCW11)	1	\$682.64	\$682.64
PK-522 Punch unit (A4FAW11)	1	\$398.74	\$398.74
GP-501 Punch unit GBC (A0N9W11)	1	\$8,140.97	\$8,140.97
RU-510 Relay unit (A4FCWY1)	1	\$1,370.80	\$1,370.80
SD-510 Saddle-stitch unit (A4F4WY1)	1	\$1,332.78	\$1,332.78
IC-308 EFI Fiery print controller external includes Spot On (A5UTWY1)	1	\$11,356.16	\$11,356.16
FACI kit, SeeSequence Compose, Impose, Color Profiler (45125832)	1	\$6,720.18	\$6,720.18
VI-507 Video interface kit for Fiery and Creo print controllers (A5A7WY1)	1	\$354.88	\$354.88
Power filter ESP 240V/30A (XGPCSL630K)	1	\$512.00	\$512.00
Total Price			\$115,212.23

Maintenance agreement: B&W click price \$0.011. Color click price \$0.052. Includes all parts, labor, supplies (except glue chips, die sets, and paper). 11 x 17 = single click. Click prices locked for 5 years.



bizhub PRESS C1070/C1070P/ C1060/C1060L

CUSTOMER EXPECTATION GUIDE

COLOR PRODUCTION PRINTER/COPIER/SCANNER

press

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As an aid to end-users of Konica Minolta's bizhub PRESS C1070/C1070P/C1060/C1060L, Konica Minolta Business Solutions USA, Inc. has performed testing on certain media that may be imaged through our color products. Based solely on such testing, Konica Minolta has found that the color products listed have functioned properly using the media listed during the course of testing. However, Konica Minolta can give no assurances based upon such testing that the listed media will perform for any particular end-user's Konica Minolta color product and Konica Minolta disclaims any warranty, express or implied, to such effect.

This guide does not constitute any endorsement of the listed media, and there may be other media that enable the bizhub PRESS C1070/C1070P/C1060/1060L to function properly. Please check www.mykonicaminolta.com for the latest Konica Minolta bizhub PRESS C1070/C1070P/C1060/C1060L Media Guide.

KONICA MINOLTA BUSINESS SOLUTIONS U.S.A., INC., 100 Williams Drive, Ramsey, N.J. 07446

www.kmbs.konicaminolta.us

www.kmbs.konicaminolta.us/solutions

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Introduction

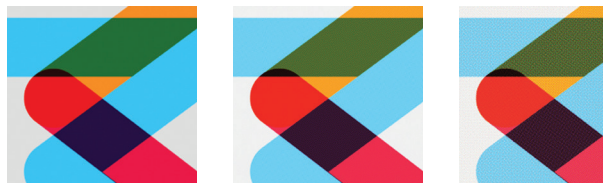
The bizhub PRESS C1070/C1070P/C1060/C1060L Expectation guide contains information about the features and capabilities of the bizhub PRESS C1070/C1070P/C1060/C1060L. This document will be used as part of the presale and preinstall planning process to help with the clarification of the requirements and responsibilities of operating the bizhub PRESS C1070/C1070P/C1060/C1060L. It is recommended that any potential customers of the bizhub PRESS C1070/C1070P/C1060/C1060L familiarize themselves with this document prior to installation taking place. See page 66 for C1060L configurations.

IMPORTANT

The purpose of this document is to explain the current features and technologies of the bizhub PRESS C1070/C1070P/C1060/C1060L. The information included in this document has been taken from numerous sources, including product reference materials, service manuals, and user manuals. Specifications may vary slightly depending on the customers needs. Part numbers, yield information, and specifications are subject to change without notice.

Product Overview

- World-class color printer at 70/60 pages per minute.
- Digital productivity that does away with the costly, time consuming make ready and press setup.
- Cost effective output that makes color affordable for your clients and profitable for your business. That's what you can count on with the bizhub PRESS C1070/C1070P/C1060/C1060L. At 70/60 pages per minute, the bizhub PRESS C1070/C1070P/C1060/C1060L will raise your print production to the productivity level of offset presses but costs far less.
- SEAD IV and DPC: With Dot Position Control individual pixels of 1200 dpi are processed three times reaching a highly stable equivalent of 3600 dpi – giving your images smoother edges and superb color density moires or distortion.



The image displays three side-by-side color calibration charts, each featuring a complex geometric pattern of overlapping shapes in various colors (blue, green, red, yellow, black, white). Below each chart is a label indicating the resolution: '3600 dpi', '1200 dpi', and '600 dpi'. The 3600 dpi chart shows the sharpest and most detailed pattern, while the 1200 dpi and 600 dpi charts show increasing levels of pixelation and loss of fine detail.
- The 15-inch color LCD touch-panel display IS USED for on-board document preview/ review, making post-RIP editing and document file management quick and simple.
- Our Color Density Control (CDC) sensor reads printed color values to reproduce hues and skin tones more accurately on any paper stock.
- Our 4th-generation Simitri® HDE Toner has been blended with new materials to provide improved halftone and skin tone quality, improved resistance to fading, and higher quality outputs of solid colors.
- Advanced paper-feed technology from the air-assisted PF-602, LU-202 and the optional Air Suction Paper-feed Unit (PF-707) keeps jobs running smoother.

bizhub PRESS C1070/C1070P/C1060/C1060L Customer Expectation Guide

SUMMARY OF FUNCTIONS

Function	bizhub PRESS C1070/C1070P/C1060/C1060L
Output Speed (Color)	70/60 ppm (LTR)
Output Speed (B&W)	70/60 ppm (LTR)
Resolution	Scan 600 X 600 dpi Print: 1,200 x 1,200 dpi
Gradation	256 Levels, 8 bit CMYK
Max. Paper Size	13" X 19.2"
Max Paper Weight	300 gsm
Remote UI	Yes
Controllers	IC-308 EFI IC-309 CREO IC-415 EFI IC-602 Konica Minolta
Network Scanning	Yes (w/ optional PF-705)
Print Speed (A4/Letter)	Full Color: 70/60 ppm B&W: 70/60 ppm
Paper Capacity	Tray 1, 2, 3: 500 sheets each
Paper Weight	60 to 256 gsm LU-202/PF-602/707: 64 to 300 gsm

Expectations On Service

These numbers are averages and not guarantees. Machine performance will vary depending on volume and application. These specifications are based on standard paper surfaces/weights and may vary with non-standard paper.

Service Time

- Based on an average monthly volume of 500,000 impressions per month please expect an average of 15 hours of service per month.

Response Time

- Monthly average response time of two hours or less with a four-hour maximum per service visit (may be subject to change based on geography/location).

Paper Jams

- While paper jams are inevitable there are many precautions that can be taken to help reduce the occurrences of these jams.

Skew Specification

- Paper skew specification:
 $\pm 0.5\%$ / deviation or less
- Image skew specification: Main scan direction, Sub scan direction, Diagonal line direction $\pm 0.3\%$ deviation or less.

Speed Variations

- Based on the application, paper size, thickness and temperature your machine will vary in output speed. Refer to page 39 of this document.

Registration

- Registration on a simplex print or the first side of a duplex print can vary up to ± 0.4 mm in the feed direction and ± 0.4 mm cross-feed.
- Registration on the second side of automatically duplexed prints can vary up to ± 0.4 mm in the feed direction and ± 0.4 mm cross-feed.
- Front-to-back registration can vary ± 0.8 mm in the feed direction and ± 0.8 mm cross-feed.

Special Note: Items that will negatively effect the above expectations:

- Experience of operators
- Quality of input material
- Pre-printed Materials
- Accessories
- 3rd Party Devices
- Environment
- Application Software and printing related
- Power Issues

Installation Planning Tasks

To aid you in the installation planning, this section will provide a list, describing tasks you and your Konica Minolta representative must complete in the weeks before scheduling the installation. If you have questions about any of these activities, contact your sales or dealer service representative.

BEFORE SCHEDULING DELIVERY OF YOUR PRODUCTION PRINT EQUIPMENT

The following activities should be completed before you schedule a delivery date for the Production Print system:

- C1070/C1070P/C1060/C1060L Site Survey
- Select a location for your Production Print system.

Prepare the site by:

- ▶ Installing any required electrical service.
- ▶ Installing any required Ethernet service.
- ▶ Identify networked client workstations that will submit jobs, and ensure that the equipment's server supports the hardware, operating system, and network protocols.

After the preceding activities are complete, schedule a delivery date with your Regional Production Print Operations Support Specialist for the delivery of your equipment.

AFTER SCHEDULING DELIVERY

The following activities should begin at least two week prior to the scheduled delivery date of your Production Print system to your location.

- Perform a final inspection of the installation site.
- Order the required consumable supplies that will be used during the installation process. Please coordinate this with your CSR trainer. The minimum supplies required during installing are:
 - ▶ 2 Cartons/boxes of toner CMYK
 - ▶ Toner collecting bottles
 - ▶ Staples, glue pellets (pending option type)

ON THE DAY OF DELIVERY AND INSTALLATION

The following activities should take place on the day when your Production Print system will be delivered to your location:

- Ensure that the route between the delivery door and the installation site is clear of all obstructions.
- Ensure that all supplies required during the installation are available.
- Ensure that a system administrator for your network is available to work with the Konica Minolta personnel performing the installation.

UPON COMPLETION OF THE INSTALLATION OF YOUR PRODUCTION PRINT SYSTEM

The following activities should take place following the completion of the installation of your Production Print system:

- Work with your Konica Minolta representative to become familiar with the various support services available.
- Establish a supplies ordering procedure.

Best Practices and Expectations of your Color High Volume Printer

To minimize the down time of your High Volume Printer, KMBS has put together a list of best practices and expectations for you. In this section you will find suggestions on what you can do to prevent unnecessary service calls and get the best performance out of your High Volume Printer.

PAPER

Please see the bizhub PRESS C8000/C7000/C70hc/C7000P/C6000/C1070/C1070P/C1060 Substrate Throughput Assurance Guide (additional download) for complete information on the papers tested and approved for use in your C1070/C1070P/C1060/C1060L. Please keep in mind the following:

- Paper supply trays 1, 2, and 3 are not designed for feeding coated stocks. The LU-202/PF-602/PF-707 should be used for this purpose.
- Certain very thin coated stocks may exhibit some wrinkling from higher moisture content.
- Due to various reasons, short grain stock is preferred to long grain stock.
- With very high toner coverage you may notice a very small amount of scratching on heavier stocks.

SUPPLIES

One of the main responsibilities of being the key operator is to keep a minimum of two-week supplies of Dry Toner, Staples, and Perfect Binder glue pellets on hand. The customer is responsible for the installation of the above supplies.

bizhub PRESS C1070/C1070P/C1060/C1060L Customer Expectation Guide

ENVIRONMENTAL

To minimize down time it is the responsibility of the customer to assure that the Production Printer's environmental requirements are within the recommend range.

Temperature	Optimal: 68 to 74 degrees Fahrenheit Minimum: 50 degrees Fahrenheit Maximum: 86 degrees Fahrenheit
Humidity	Optimal: 45% (+ or -) 10% Minimum: 10% Maximum: 80%

Print speed can also be affected by environmental factors. Please see the following charts:

Table 1: bizhub PRESS C1070/C1070P PLAIN PAPER 8.5" x 11" PRINT SPEED

Detected Internal Temperature	Paper Weight		Normal Mode	With Glossy Mode Selected
	gsm	lb.		
63° F or Higher	62 gsm to 74 gsm	16 lb. Bond to 19 lb. Bond	71 ppm	51 ppm
	75 gsm to 80 gsm	20 lb. Bond to 21 lb. Bond		
	81 gsm to 91 gsm	22 lb. Bond to 24 lb. Bond		
	92 gsm to 105 gsm	25 lb. to 28 lb. Bond		
	106 gsm to 135 gsm	29 lb. Bond to 36 lb. Bond		
	136 gsm to 176 gsm	37 lb. Bond to 47 lb. Bond		
	177 gsm to 216 gsm	48 lb. Bond to 57 lb. Bond	51 ppm	35 ppm
	217 gsm to 256 gsm	58 lb. Bond to 68 lb. Bond		
	257 gsm to 300 gsm	69 lb. Bond to 81 lb. Bond	35 ppm	
Lower than 63° F	62 gsm to 74 gsm	16 lb. Bond to 19 lb. Bond	71 ppm	51 ppm
	75 gsm to 80 gsm	20 lb. Bond to 21 lb. Bond		
	81 gsm to 91 gsm	22 lb. Bond to 24 lb. Bond		
	92 gsm to 105 gsm	25 lb. Bond to 28 lb. Bond		
	106 gsm to 135 gsm	29 lb. Bond to 36 lb. Bond	51 ppm	35 ppm
	136 gsm to 176 gsm	37 lb. Bond to 47 lb. Bond		
	177 gsm to 216 gsm	48 lb. Bond to 57 lb. Bond		
	217 gsm to 256 gsm	58 lb. Bond to 68 lb. Bond	51 ppm	
	257 gsm to 300 gsm	69 lb. Bond to 81 lb. Bond		

bizhub PRESS C1070/C1070P/C1060/C1060L Customer Expectation Guide

Table 2: bizhub PRESS C1060/C1060L PLAIN PAPER 8.5" x 11"  PRINT SPEED

Detected Internal Temperature	Paper Weight		Normal Mode	With Glossy Mode Selected	
	gsm	lb.			
63° F or Higher	62 gsm to 74 gsm	16 lb. Bond to 19 lb. Bond	61 ppm	45 ppm	
	75 gsm to 80 gsm	20 lb. Bond to 21 lb. Bond			
	81 gsm to 91 gsm	22 lb. Bond to 24 lb. Bond			
	92 gsm to 105 gsm	25 lb. Bond to 28 lb. Bond			
	106 gsm to 135 gsm	29 lb. Bond to 36 lb. Bond			
	136 gsm to 176 gsm	37 lb. Bond to 47 lb. Bond			
	177 gsm to 216 gsm	48 lb. Bond to 57 lb. Bond	45 ppm	30 ppm	
	217 gsm to 256 gsm	58 lb. Bond to 68 lb. Bond			
	257 gsm to 300 gsm	69 lb. Bond to 81 lb. Bond	30 ppm		
Lower than 63° F	62 gsm to 74 gsm	16 lb. Bond to 19 lb. Bond	61 ppm	45 ppm	
	75 gsm to 80 gsm	20 lb. Bond to 21 lb. Bond			
	81 gsm to 91 gsm	22 lb. Bond to 24 lb. Bond			
	92 gsm to 105 gsm	25 lb. Bond to 28 lb. Bond			
	106 gsm to 135 gsm	29 lb. Bond to 36 lb. Bond	45 ppm	30 ppm	
	136 gsm to 176 gsm	37 lb. Bond to 47 lb. Bond			
	177 gsm to 216 gsm	48 lb. Bond to 57 lb. Bond			
	217 gsm to 256 gsm	58 lb. Bond to 68 lb. Bond	30 ppm		
	257 gsm to 300 gsm	69 lb. Bond to 81 lb. Bond			

Receipt of Your Production Print Expectation Guide

I have received a copy of the Production Print Expectation Guide. I understand that the information contained in this document are for informational and guideline purposes. I have read and understand the items discussed within this expectation guide.

Company Name: _____

Company Address: _____

Company Phone #: () _____

Operator Name: _____

Operator Signature: _____

Date: / / _____

Substrate Throughput Assurance

Each paper tray on the bizhub PRESS C1070/C1070P/C1060/C1060L has been designed to be programmed with paper sizes and other specifications.

These paper tray settings are as follows:

- Paper Type
- Profile Name
- Paper Size
- Colored Paper
- Punch
- Both Sides Adjust (Front to back)
- Curl Adjustment
- Air Assist (Tray 4 and 5 only)
- Thickness

Before printing or copying on the bizhub PRESS C1070/C1070P/C1060/C1060L program the following:

PAPER TYPE

Plain — High Quality paper is a non-coated paper generally used for offset printing. High quality paper has a high degree of whiteness. Specify [high quality] to a tray to which high quality paper is loaded. Plain paper is used for general copying and is also called PPC paper. Plain paper is not usually a recycled paper. Specify [Plain] to the tray to which the plain paper is loaded for monochrome copying.

Color Specific — Color specific paper is a type of paper used for color copying to prevent color dulling on high quality paper. Select [Color Specific] for those trays that are used for color specific paper.

Coated — **GL** (Gloss Laser) Glossy paper for laser printing

Coated — **ML** (Matte Laser) Matte paper for laser printing

Coated — **GO** (Gloss offset) Glossy paper for offset printing

Coated — **MO** (Matte offset) Matte paper for offset printing

bizhub PRESS C1070/C1070P/C1060/C1060L Customer Expectation Guide

Substrate Throughput Assurance

PAPER NAME

Name the paper

WEIGHT

Select one of the eight settings:

- 64–74 gsm
- 75– 80 gsm
- 81–105 gsm
- 106–135 gsm
- 136–162 gsm
- 163–209 gsm
- 210–256 gsm
- 257–300 gsm

NOTE: When running specific mixed substrates requiring paper setting changes within the same job (e.g. from Normal to Coated—GL) there may be a time adjustment incurred before copying operations resume due to fixing temperature adjustments.

Additional substrate details and bizhub PRESS C1070/C1070P/C1060/C1060L GUI (Graphic User Interface) instructional graphics can be found in the Copy and POD Product User Guides.

bizhub PRESS C1070/C1070P/C1060/C1060L Customer Expectation Guide

Substrate Throughput Assurance

C1070/C1070P THROUGHPUT SPEEDS

Mode			Measured ppm Value for Each Paper Size (cpm)					
Color/BW	Output Condition	Paper Weights	13" x 19"	11" x 17"	8.5" x 14"	8.5" x 11"S	8.5" x 11"	5.5" x 8.5"S
Color including Mono Color	Simple Straight Output	62-176 gsm	33	37	45	56	70	70
		177 to 256 gsm	24	27	32	40	50	50
		257 to 300 gsm	16	17	21	26	35	35
	Simple Reverse Output	62-176 gsm	29	33	40	52	70	70
		177 to 256 gsm	22	24	30	39	50	50
		257 to 300 gsm	16	17	21	26	35	35
	Duplex	62-176 gsm	30	32	36	52	70	70
		177 to 256 gsm	21	23	26	29	41	41
		257 to 300 gsm	14	15	17	19	27	27
BW	Simple Straight Output	62-176 gsm	33	37	44	55	70	70
		177 to 256 gsm	24	21	32	39	50	50
		257 to 300 gsm	16	18	22	26	35	35
	Simple Reverse Output	62-176 gsm	29	33	40	52	70	70
		177 to 256 gsm	22	24	32	39	50	50
		257 to 300 gsm	15	17	22	26	35	35
	Duplex	62-176 gsm	30	32	36	52	70	70
		177 to 256 gsm	23	25	28	32	47	47
		257 to 300 gsm	16	18	20	24	35	35

C1060/C1060L THROUGHPUT SPEEDS

Mode			Measured ppm Value for Each Paper Size (cpm)					
Color/BW	Output Condition	Paper Weights	13" x 19"	11" x 17"	8.5" x 14"	8.5" x 11"S	8.5" x 11"	5.5" x 8.5"S
Color including Mono Color	Simple Straight Output	62-176 gsm	30	33	40	48	60	60
		177 to 256 gsm	22	24	29	36	45	45
		257 to 300 gsm	15	16	20	24	30	30
	Simple Reverse Output	62-176 gsm	26	30	36	46	60	60
		177 to 256 gsm	20	22	27	34	45	45
		257 to 300 gsm	14	15	19	23	30	30
	Duplex	62-176 gsm	27	28	32	44	60	60
		177 to 256 gsm	19	20	22	25	36	36
		257 to 300 gsm	14	15	16	18	26	26
BW	Simple Straight Output	62-176 gsm	30	33	40	48	60	60
		177 to 256 gsm	22	24	29	36	45	45
		257 to 300 gsm	15	16	20	24	30	30
	Simple Reverse Output	62-176 gsm	26	30	36	46	60	60
		177 to 256 gsm	20	22	27	34	45	45
		257 to 300 gsm	14	15	19	23	30	30
	Duplex	62-176 gsm	26	28	31	45	60	60
		177 to 256 gsm	20	22	25	28	41	41
		257 to 300 gsm	15	17	19	22	33	33

bizhub PRESS C1070/C1070P/C1060/C1060L Customer Expectation Guide

Substrate Throughput Assurance

Print Speed

This machine is equipped with a temperature humidity sensor, and automatically controls the print speed according to the detected internal temperature.

Also, **Speed Down** and **CPM Down** modes are provided in Process Adjustment to control the print speed. See the following table for details.

Further adjustment can be made by a service engineer to obtain increased stability in printing. Please contact your service representative, if desired.

Table 1: bizhub PRESS C1070/C1070P PLAIN PAPER 8.5" x 11" □ PRINT SPEED

Detected Internal Temperature	Paper Weight		Normal Mode	With Glossy Mode Selected	
	gsm	lb.			
63° F or Higher	62 gsm to 74 gsm	16 lb. Bond to 19 lb. Bond	71 ppm	51 ppm	
	75 gsm to 80 gsm	20 lb. Bond to 21 lb. Bond			
	81 gsm to 91 gsm	22 lb. Bond to 24 lb. Bond			
	92 gsm to 105 gsm	25 lb. to 28 lb. Bond			
	106 gsm to 135 gsm	29 lb. Bond to 36 lb. Bond			
	136 gsm to 176 gsm	37 lb. Bond to 47 lb. Bond			
	177 gsm to 216 gsm	48 lb. Bond to 57 lb. Bond	51 ppm	35 ppm	
	217 gsm to 256 gsm	58 lb. Bond to 68 lb. Bond			
	257 gsm to 300 gsm	69 lb. Bond to 81 lb. Bond	35 ppm		
Lower than 63° F	62 gsm to 74 gsm	16 lb. Bond to 19 lb. Bond	71 ppm	51 ppm	
	75 gsm to 80 gsm	20 lb. Bond to 21 lb. Bond			
	81 gsm to 91 gsm	22 lb. Bond to 24 lb. Bond			
	92 gsm to 105 gsm	25 lb. Bond to 28 lb. Bond			
	106 gsm to 135 gsm	29 lb. Bond to 36 lb. Bond	51 ppm	35 ppm	
	136 gsm to 176 gsm	37 lb. Bond to 47 lb. Bond			
	177 gsm to 216 gsm	48 lb. Bond to 57 lb. Bond			
	217 gsm to 256 gsm	58 lb. Bond to 68 lb. Bond	51 ppm		
	257 gsm to 300 gsm	69 lb. Bond to 81 lb. Bond			

bizhub PRESS C1070/C1070P/C1060/C1060L Customer Expectation Guide

Substrate Throughput Assurance

Table 2: bizhub PRESS C1060/C1060L PLAIN PAPER 8.5" x 11" □ PRINT SPEED

Detected Internal Temperature	Paper Weight		Normal Mode	With Glossy Mode Selected
	gsm	lb.		
63° F or Higher	62 gsm to 74 gsm	16 lb. Bond to 19 lb. Bond	61 ppm	45 ppm
	75 gsm to 80 gsm	20 lb. Bond to 21 lb. Bond		
	81 gsm to 91 gsm	22 lb. Bond to 24 lb. Bond		
	92 gsm to 105 gsm	25 lb. Bond to 28 lb. Bond		
	106 gsm to 135 gsm	29 lb. Bond to 36 lb. Bond		
	136 gsm to 176 gsm	37 lb. Bond to 47 lb. Bond		
	177 gsm to 216 gsm	48 lb. Bond to 57 lb. Bond	45 ppm	30 ppm
	217 gsm to 256 gsm	58 lb. Bond to 68 lb. Bond		
	257 gsm to 300 gsm	69 lb. Bond to 81 lb. Bond	30 ppm	
Lower than 63° F	62 gsm to 74 gsm	16 lb. Bond to 19 lb. Bond	61 ppm	45 ppm
	75 gsm to 80 gsm	20 lb. Bond to 21 lb. Bond		
	81 gsm to 91 gsm	22 lb. Bond to 24 lb. Bond		
	92 gsm to 105 gsm	25 lb. Bond to 28 lb. Bond		
	106 gsm to 135 gsm	29 lb. Bond to 36 lb. Bond	45 ppm	30 ppm
	136 gsm to 176 gsm	37 lb. Bond to 47 lb. Bond		
	177 gsm to 216 gsm	48 lb. Bond to 57 lb. Bond		
	217 gsm to 256 gsm	58 lb. Bond to 68 lb. Bond	30 ppm	
	257 gsm to 300 gsm	69 lb. Bond to 81 lb. Bond		

bizhub PRESS C1070/C1070P/C1060/C1060L Customer Expectation Guide

Substrate Throughput Assurance

bizhub PRESS C1070/C1070P/C1060/C1060L OFFICIALLY APPROVED PAPER STOCKS (Paper Size)

PAPER SIZE							
Bond	Weight	11"x 17"	8.5"x 14"	8.5"x 11"	5.5"x 8.5"	12"x 18"	12.38" x 18.12"
Hammermill Tidal	75 gsm	●	●	●	●		
Hammermill Color Copy Photo White	28 lb./105 gsm	●	●	●		●	
Domtar Microprint Color Copy	28 lb./105 gsm	●		●			
Gilbert Neutech Color Copy	28 lb./105 gsm	●	●	●			
Spectrum Multi System	24 lb./90 gsm	●					
Hammermill Color Copy Photo White	32 lb./120 gsm	●		●			
Cover							
Hammermill Color Copy Cover	60 lb./163 gsm	●		●			
Hammermill Color Copy Cover	80 lb./216 gsm	●		●			
Domtar Microprint Color Copy	65 lb./176 gsm	●		●			
Domtar Microprint Color Copy	80 lb./216 gsm	●		●			
Coated							
Hammermill Color Copy Gloss	32 lb./120 gsm	●		●			
Kromekote Laser High Gloss C2S text	90 lb./133 gsm	●		●			
Domtar Luna Gloss text	80 lb./118 gsm	●					
Domtar Luna Gloss text	100 lb./148 gsm	●					
Stora Enso Futura Laser text	80 lb./118 gsm	●		●			
Domtar Luna Gloss Cover	80 lb./216 gsm	●					
Domtar Luna Gloss Cover	100 lb./271 gsm	●					
Stora Enso Futura Laser Cover	80 lb./216 gsm	●		●			
Sappi Opus Gloss Cover	80 lb./216 gsm	●		●			
Smart Kromekote Plus C2S	12 pt./278 gsm			●			●
Smart Kromekote Plus C1S	10 pt./244 gsm	●		●			
Smart Kromekote Laser High Gloss C1S	12 pt./278 gsm	●					
Domtar Microprint Coated laser Gloss (C2S) Cover	80 lb./216 gsm	●					
International Paper Carolina C2S Cover	10 pt./244 gsm	●		●			
International Paper Carolina C1S Cover	10 pt./244 gsm	●		●			
Sterling Ultra Gloss Cover	80 lb./216 gsm	●		●			
Index							
Springhill Index Plus	90 lb./163 gsm			●			
Springhill Index Plus	110 lb./199 gsm			●			
Label							
Avery 5160				●			

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Substrate Throughput Assurance

bizhub PRESS C1070/C1070P/C1060/C1060L OFFICIALLY APPROVED PAPER STOCKS (Paper Tray)

PAPER TRAY

Bond	Weight	Tray 1	Tray 2	Tray 3	MSBT	PFU Upper	PFU lower	LU-202
Hammermill Tidal	75 gsm	●	●	●	●	●	●	●
Hammermill Color Copy Photo White	28 lb./105 gsm	●	●		●	●	●	●
Domtar Microprint Color Copy	28 lb./105 gsm	●				●	●	●
Gilbert Neutech Color Copy	28 lb./105 gsm					●	●	●
Spectrum Multi System	24 lb./90 gsm	●						
Hammermill Color Copy Photo White	32 lb./120 gsm	●				●	●	●

Cover

Hammermill Color Copy Cover	60 lb./163 gsm					●	●	
Hammermill Color Copy Cover	80 lb./216 gsm					●	●	
Domtar Microprint Color Copy	65 lb./176 gsm				●	●	●	●
Domtar Microprint Color Copy	80 lb./216 gsm	●				●	●	●

Coated

Hammermill Color Copy Gloss	32 lb./120 gsm					●	●	●
Kromekote Laser High Gloss C2S text	90 lb./133 gsm					●	●	
Domtar Luna Gloss text	80 lb./118 gsm					●	●	●
Domtar Luna Gloss text	100 lb./148 gsm					●	●	
Stora Enso Futura Laser text	80 lb./118 gsm					●	●	
Domtar Luna Gloss Cover	80 lb./216 gsm					●	●	
Domtar Luna Gloss Cover	100 lb./271 gsm					●	●	
Stora Enso Futura Laser Cover	80 lb./216 gsm					●	●	
Sappi Opus Gloss Cover	80 lb./216 gsm					●	●	
Smart Kromekote Plus C2S	12 pt./278 gsm					●	●	
Smart Kromekote Plus C1S	10 pt./244 gsm					●	●	●
Smart Kromekote Laser High Gloss C1S	12 pt./278 gsm					●	●	●
Domtar Microprint Coated Laser Gloss (C2S) Cover	80 lb./216 gsm					●	●	
International Paper Carolina C2S Cover	10 pt./244 gsm					●	●	●
International Paper Carolina C1S Cover	10 pt./244 gsm					●	●	
Sterling Ultra Gloss Cover	80 lb./216 gsm					●	●	●

Index

Springhill Index Plus	90 lb./163 gsm					●	●	●
Springhill Index Plus	110 lb./199 gsm					●	●	●

Label

Avery 5160						●	●	●
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bizhub PRESS C1070/C1070P/C1060/C1060L Customer Expectation Guide

Substrate Throughput Assurance

bizhub PRESS C1070/C1070P/C1060/C1060L OFFICIALLY APPROVED PAPER STOCKS (Paper Tray)

continued

Manufacturer/Brand	Setting of Paper Type	Weight (gsm)	Paper Size	Rank Criteria	Special Consideration
Boise/Aspen Laser	Color Specific	90	11" x 17"	B	If stapling performance is impacted please perform curl adjustment.
Mohawk/Color Copy PC White Blanc PC Smooth	Color Specific	105	11" x 17"	B	If stapling performance is impacted please perform curl adjustment.
Mohawk/Bright White 70 lb. Text	Fine	104	12" x 18"	A	
Mohawk/Via felt Bright White i-Tone Felt 80 cover	Coated MO	216	12" x 18"	A	
Mohawk/Via Satin Bright White Satin 100 Cover	Coated MO	270	12" x 18"	A	Recommend to use PFU.
Neenah/environment digital Cover PC 100 White	Fine	270	13" x 19"	B	Recommend to use PFU. If paper jamming is experienced please adjust the height of the pick up roller.
Mohawk/Super Fine Cover	Fine	270	8.5" x 11"	B	Recommend to use PFU. If paper jamming is experienced please adjust the height of the pick up roller.
Mohawk/Super Fine Cover	Fine	270	11" x 17"	B	Recommend to use PFU. If paper jamming is experienced please adjust the height of the pick up roller. If stacking issues are experienced on exit tray, please perform the curl adjustment.
Wausau/EXACT DIGITAL High Definition Smooth Recycled Color Copy	Fine	105	11" x 17"	B	If stapling performance is impacted please perform curl adjustment.
STAPLES/Multipurpose Paper 50% Recycled	Plain	105	8.5" x 11"	B	If paper curl is experienced please perform curl adjustment.
Wausau/EXACT DIGITAL Gloss Coated	Coated GL	216	12" x 18"	B	Please feed from PFU. If double feed jams occur please turn the dehumidifying heater on and/or adjust separation pressure.
Xerox/Digital Coated 1 Side 12 pt.	Coated GL	230	11" x 17"	B	Please feed from PFU. If double feed jams occur please turn the dehumidifying heater on and/or adjust separation pressure.
Mohawk/Color Copy Ultra Gloss White/Blanc Ultra Gloss 12 pt.	Coated GL	255	12" x 18"	A	Please feed from PFU.

bizhub PRESS C1070/C1070P/C1060/C1060L Customer Expectation Guide

Substrate Throughput Assurance

bizhub PRESS C1070/C1070P/C1060/C1060L TESTED AND CONFIRMED PAPER STOCKS

The following substrates were extensively tested by Konica Minolta Business Solutions for the following, but not limited to, print quality, jamming, separation, fusing, wrinkling blistering paper feed, accessory throughput, including booklet saddle stitching and folding stapling and finishing. At this time Konica Minolta Business Solutions cannot certify this media as Officially Approved Paper Stock nor consider these approved to run at production levels on the bizhub PRESS C1070/C1070P/C1060/C1060L.

However occasional use can be recommended with the understanding that if any of the aforementioned substrate throughput conditions occur, use of these materials should immediately cease and Konica Minolta Business Solutions will not be held responsible nor be liable to take action to correct situations or conditions resulting from their use.

Company	Product Name	Weight (gsm)	Size	Type	Notes
Appvion	3 Part Straight NCR	106	8.5" x 11"	Plain	
Domtar	Cougar Digital Color Copy	118	8.5" x 11"	Plain	3, 12
Domtar	Cougar Digital	89	8.5" x 11"	Plain	3
Domtar	Cougar Digital	104	8.5" x 11"	Plain	3, 12, 19
Domtar	Cougar Digital	118	8.5" x 11"	Plain	3, 12
Domtar	Cougar Digital	148	8.5" x 11"	Plain	3, 12
Domtar	Cougar Digital	176	8.5" x 11"	Plain	3, 12
Domtar	First Choice (Cover & Card)	176	8.5" x 11"	Plain	3, 12
Domtar	First Choice (Color Print)	120	8.5" x 11"	Plain	3, 12
Domtar	First Choice (Multiuse)	90	8.5" x 11"	Plain	12
Domtar	Husky Opaque Offset	104	8.5" x 11"	Plain	3
Domtar	Imageprint (Multiuse)	75	8.5" x 11"	Plain	
Domtar	Imageprint (Multiuse)	90	8.5" x 11"	Plain	3, 12
Domtar	Lynx Digital	74	8.5" x 11"	Plain	
Domtar	Lynx Digital	89	8.5" x 11"	Plain	3, 12
Domtar	Lynx Digital	104	8.5" x 11"	Plain	3
Domtar	Lynx Digital	270	8.5" x 11"	Plain	3, 12
Hiper	XPRI Gloss	270	19" x 13"	Coated GL	
International Paper	Hammermill: Color Copy Digital Cover	216	17" x 11"	Plain	
International Paper	Hammermill: Color Copy Digital Cover	216	18" x 12"	Plain	
International Paper	Hammermill: Color Copy Digital	105	8.5" x 11"	Plain	
International Paper	Hammermill: Tidal MP	75	8.5" x 11"	Plain	
Kernow	HydroPrint 189HSPP	220	12" x 18"	Coated ML	
Kernow	HydroPrint 249HSPP	285	12" x 18"	Coated ML	6

continued

bizhub PRESS C1070/C1070P/C1060/C1060L Customer Expectation Guide

Substrate Throughput Assurance

bizhub PRESS C1070/C1070P/C1060/C1060L TESTED AND CONFIRMED PAPER STOCKS

continued

Company	Product Name	Weight (gsm)	Size	Type	Notes
Kernow	HydroPrint PRO (4 mil) P11	125	8.5" x 11"	Coated ML	9, 10
Kernow	HydroPrint PRO (4 mil) P11	125	12" x 18"	Coated ML	9, 10
Kernow	HydroPrint PRO (5 mil) P12	160	8.5" x 11"	Coated ML	
Kernow	HydroPrint PRO (5 mil) P12	160	12" x 18"	Coated ML	
Kernow	HydroPrint PRO (6 mil) P14	190	8.5" x 11"	Coated ML	
Kernow	HydroPrint PRO (6 mil) P14	190	12" x 18"	Coated ML	
Kernow	HydroPrint PRO (8 mil) P15	260	8.5" x 11"	Coated ML	
Kernow	HydroPrint PRO (8 mil) P15	260	12" x 18"	Coated ML	
Kernow	HydroPrint PRO 2up Wobblers (8 mil) P15 – W	260	8.5" x 11"	Coated ML	8
Kernow	HydroPrint PRO 3HD (5 mil) P12-3HD	160	8.5" x 11"	Coated ML	
Kernow	HydroPrint PRO 3HD (5 mil) P12-3HD	160	12" x 18"	Coated ML	
Kernow	HydroPrint PRO 3up Door Hangers (8 mil) P15 – Y	260	8.5" x 11"	Coated ML	8
Kernow	HydroPrint PRO 4up Luggage Tags (8 mil) P15 – X	260	8.5" x 11"	Coated ML	8
Kernow	HydroPrint PRO 6up Badges - Landscape (8 mil) P15 – V	260	8.5" x 11"	Coated ML	8
Kernow	HydroPrint PRO 6up ID Cards (8 mil) P15 – U	260	8.5" x 11"	Coated ML	8
Kernow	HydroPrint PRO 6up Parking Passes (8 mil) P15 – T	260	8.5" x 11"	Coated ML	8
Kernow	HydroPrint PRO 8up Badges - Portrait (8 mil) P15 – S	260	8.5" x 11"	Coated ML	8
Kernow	HydroPrint PRO 8up Bookmarks (8 mil) P15 – R	260	8.5" x 11"	Coated ML	8
Kernow	HydroPrint PRO 8up Tags (8 mil) P15 – Q	260	8.5" x 11"	Coated ML	8
Kernow	HydroPrint PRO Frosted (5 mil) P29	160	8.5" x 11"	Coated ML	
Kernow	HydroPrint PRO Frosted (5 mil) P29	160	12" x 18"	Coated ML	
Kernow	HydroPrint PRO Glass Clear - Easy Peel (2 mil) P39	210	8.5" x 11"	Coated GL	7
Kernow	HydroPrint PRO Glass Clear - Easy Peel (2 mil) P39	210	12" x 18"	Coated GL	7
Kernow	HydroPrint PRO Glass Clear - Permanent (2 mil) P36	205	8.5" x 11"	Coated GL	7
Kernow	HydroPrint PRO Glass Clear - Permanent (2 mil) P36	205	12" x 18"	Coated GL	7
Kernow	HydroPrint PRO Lite (10 mil) P22	280	8.5" x 11"	Coated ML	6
Kernow	HydroPrint PRO Lite (10 mil) P22	280	12" x 18"	Coated ML	6
Kernow	HydroPrint PRO Lite (8 mil) P21	220	8.5" x 11"	Coated ML	
Kernow	HydroPrint PRO Lite (8 mil) P21	220	12" x 18"	Coated ML	
Kernow	HydroPrint PRO White Gloss - Permanent (2 mil) P41	205	8.5" x 11"	Coated GL	
Kernow	HydroPrint PRO White Gloss - Permanent (2 mil) P41	205	12" x 18"	Coated GL	
Kernow	HydroPrint PRO White Matte - Easy Peel (2 mil) P40	215	8.5" x 11"	Coated ML	
Kernow	HydroPrint PRO White Matte - Easy Peel (2 mil) P40	215	12" x 18"	Coated ML	
Kernow	HydroPrint PRO White Matte - Permanent (2 mil) P42	210	8.5" x 11"	Coated ML	
Kernow	HydroPrint PRO White Matte - Permanent (2 mil) P42	210	12" x 18"	Coated ML	
Kernow	HydroPrint PRO All-in-One (8 mil) P15 – P	260	8.5" x 11"	Coated ML	8
Mohawk	Color Copy 98	300	18" x 12"	Plain	
Mohawk	Color Copy 98	105	17" x 11"	Plain	

continued

bizhub PRESS C1070/C1070P/C1060/C1060L Customer Expectation Guide

Substrate Throughput Assurance

bizhub PRESS C1070/C1070P/C1060/C1060L TESTED AND CONFIRMED PAPER STOCKS

continued

Company	Product Name	Weight (gsm)	Size	Type	Notes
Mohawk	Color Copy 98	162	18" x 12"	Plain	
Mohawk	Color Copy Ultra Gloss	250	18" x 12"	Coated GL	
Mohawk	Dimensional Premium Polyester Badges 6-up 8 mil	260	8.5" x 11"	Coated ML	8
Mohawk	Dimensional Premium Polyester Badges 8-up 8 mil	260	8.5" x 11"	Coated ML	8
Mohawk	Dimensional Premium Polyester Bookmarks 8-up 8 mil	260	8.5" x 11"	Coated ML	8
Mohawk	Dimensional Premium Polyester Door Hangers 3-up 8 mil	260	8.5" x 11"	Coated ML	8
Mohawk	Dimensional Premium Polyester ID Cards 6-up 8 mil	260	8.5" x 11"	Coated ML	8
Mohawk	Dimensional Premium Polyester Luggage Tags 4-up 8 mil	260	8.5" x 11"	Coated ML	8
Mohawk	Dimensional Premium Polyester Multipack 8-up 8 mil	260	8.5" x 11"	Coated ML	8
Mohawk	Dimensional Premium Polyester Parking Passes 6-up 8 mil	260	8.5" x 11"	Coated ML	8
Mohawk	Dimensional Premium Polyester Tags 8-up 8 mil	260	8.5" x 11"	Coated ML	8
Mohawk	Dimensional Premium Polyester Wobblers 2-up 8 mil	260	8.5" x 11"	Coated ML	8
Mohawk	Dimensional: 2 Up 5x7 Greeting Card	298	18" x 12"	Plain	1, 8, 12
Mohawk	Dimensional: 2 Up Gift Box	270	18" x 12"	Plain	1, 8, 12
Mohawk	Dimensional: 4x4 Cube Box	250	18" x 12"	Coated GL	8
Mohawk	Dimensional: Golf Ball Box	270	18" x 12"	Plain	1, 8, 12
Mohawk	Embedded 4 Up Adhesive Poly Card	200	12.375" x 18"	Coated GL	8
Mohawk	Embedded: 1 Up Magnetic Card	118	8.5" x 11"	Plain	8, 10, 13
Mohawk	Embedded: 1 Up Premium Polyester Card	118	8.5" x 11"	Plain	8, 13
Mohawk	Embedded: 2 Up Premium Polyester Card	148	12" x 18"	Plain	8, 13
Mohawk	Everyday Digital	118	13" x 19"	Plain	
Mohawk	Everyday Digital	216	19" x 13"	Plain	
Mohawk	Everyday Digital	270	19" x 13"	Plain	1
Mohawk	Everyday Digital (Gloss)	118	13" x 19"	Coated GL	
Mohawk	Everyday Digital (Silk)	118	12" x 18"	Coated GL	
Mohawk	Premium Polyester 4 mil	125	8.5" x 11"	Coated ML	9, 10
Mohawk	Premium Polyester 4 mil	125	12" x 18"	Coated ML	9, 10
Mohawk	Premium Polyester 5 mil	160	8.5" x 11"	Coated ML	
Mohawk	Premium Polyester 5 mil	160	12" x 18"	Coated ML	
Mohawk	Premium Polyester 5 mil 3HD	160	8.5" x 11"	Coated ML	
Mohawk	Premium Polyester 5 mil 3HD	160	12" x 18"	Coated ML	
Mohawk	Premium Polyester 6 mil	190	8.5" x 11"	Coated ML	
Mohawk	Premium Polyester 6 mil	190	12" x 18"	Coated ML	
Mohawk	Premium Polyester 8 mil	260	8.5" x 11"	Coated ML	
Mohawk	Premium Polyester 8 mil	260	12" x 18"	Coated ML	
Mohawk	Premium Polyester, Frost, 5 mil	160	8.5" x 11"	Coated ML	
Mohawk	Premium Polyester, Frost, 5 mil	160	12" x 18"	Coated ML	
Mohawk	Synthetic Paper 10 mil	280	8.5" x 11"	Coated ML	6

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continued

Company	Product Name	Weight (gsm)	Size	Type	Notes
Mohawk	Synthetic Paper 10 mil	280	12" x 18"	Coated ML	6
Mohawk	Synthetic Paper 8 mil	220	8.5" x 11"	Coated ML	
Mohawk	Synthetic Paper 8 mil	220	12" x 18"	Coated ML	
Mohawk	Pressure Sensitive Polyester Clear Permanent Adhesive	205	8.5" x 11"	Coated GL	7,
Mohawk	Pressure Sensitive Polyester Clear Permanent Adhesive	205	12" x 18"	Coated GL	7,
Mohawk	Pressure Sensitive Polyester Clear Ultra Cling Adhesive	210	8.5" x 11"	Coated GL	7
Mohawk	Pressure Sensitive Polyester Clear Ultra Cling Adhesive	210	12" x 18"	Coated GL	7
Mohawk	Pressure Sensitive Polyester White Ultra Cling Adhesive	215	8.5" x 11"	Coated ML	
Mohawk	Pressure Sensitive Polyester White Ultra Cling Adhesive	215	12" x 18"	Coated ML	
Mohawk	proPhoto	260	13" x 19"	Coated GL	11
Mohawk	Superfine (Eggshell)	148	13" x 19"	Plain	1
Mohawk	Superfine (Eggshell)	270	19" x 13"	Plain	1, 12
Mohawk	Via Linen	104	19" x 13"	Plain	1
Mohawk	Via Linen	298	18" x 12"	Plain	1, 12
MWV	Tango Digital Cover	295	12" x 18"	Coated GL	
MWV	Tango Digital Cover	265	12" x 18"	Coated GL	
MWV	Tango Digital Cover	270	12" x 18"	Coated GL	
MWV	Tango Digital Cover	235	12" x 18"	Coated GL	
Nekoosa	Synaps	300	12" x 18"	Coated ML	6, 17
Nekoosa	Synaps	230	12" x 18"	Coated ML	17
Nekoosa	Synaps	135	12" x 18"	Coated ML	17
New Page	Futura	216	12" x 18"	Coated GL	
New Page	Blazer	118	13" x 19"	Coated GL	
New Page	Futura	118	13" x 19"	Coated GL	
New Page	Productolith PTS Digital	300	13" x 19"	Coated ML	7
New Page	Sterling Premium Digital Gloss	118	13" x 19"	Coated GL	
New Page	Sterling Ultra Digital	118	12" x 18"	Coated GL	
RainbowMax Carbonless	3 Part Reverse	75	8.5" x 11"	Plain	3
Relyco	Reimage (RE811R3-II)	106	8.5" x 11"	Plain	
Relyco	Reimage (RE811SR2)	106	8.5" x 11"	Plain	
Relyco	Reimage (RE811SR2-II)	106	8.5" x 11"	Plain	
Relyco	Ultra Seal	106	8.5" x 11"	Plain	
Spinnaker	60# Ultra Matte Cover Up	199	12" x 18"	Coated ML	
Spinnaker	Diversiprint 55# Semi Gloss	182	12" x 18"	Coated GL	4, 16
Spinnaker	Diversiprint 60 Ultra Matte	189	12" x 18"	Coated ML	
Spinnaker	Diversiprint 60# Bright White Offset	189	12" x 18"	Coated ML	
Spinnaker	Diversiprint 60# Gloss	185	12" x 18"	Coated GL	
Spinnaker	Diversiprint Gloss Cover Up	194	12" x 18"	Coated GL	9

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continued

Company	Product Name	Weight (gsm)	Size	Type	Notes
Spinnaker	Diversiprint Matte Clear Laser Vinyl	258	12" x 18"	Coated ML	5, 16, 18
Spinnaker	Laser Vinyl Matte White	244	12" x 18"	Coated ML	5, 16, 18
W.B. Mason	Blizzard Blinding White	75	8.5" x 11"	Plain	
Zapco	Door Hangers with Bleed	216	12" x 18"	Plain	13
Zapco	Presentation Folders	216	12" x 18"	Coated GL	

Footnotes

- Paper texture may not allow for desired density to be met.
- Static may be an issue, fan paper before inserting it into the PFU.
- Curl may need to be changed for best print settings.
- Increase fuser temperature.
- Decrease fuser temperature.
- Prints may have spotty or cloudy areas.
- Paper may not feed if only a few sheets are left in the PFU.
- Don't print on or near paper perforations.
- Run face up.
- Watch for stacking problems.
- Roller marks may be visible.
- Toner cracks when folded.
- Only insert a small amount of paper into the PFU at a time, for each run.
- Paper Grain may be visible.
- Toner may smear if pulled from under pressure.
- Lines from the back may be visible from the front.
- Toner may scratch, but won't come off.
- Due to synthetic material, a smaller run is recommended.

EQUIVALENT WEIGHT

Bond	Offset	Cover	Tag	Index	Points	Caliper	Millimeters	Metric (gsm)
16	40	22	37	33	3.2	0.0032	0.081	60.2
18	45	24	41	37	3.6	0.0036	0.092	67.72
20	50	28	46	42	3.8	0.0038	0.0097	75.2
24	60	33	56	50	4.8	0.0048	0.012	90.3
28	70	39	64	58	5.8	0.0058	0.147	105.35
29	73	40		60	6	0.006	0.152	109.11
31	81	45	73	66	6.1	0.0061	0.155	116.63
35	90	48	80	74	6.2	0.0062	0.157	131.68
36	90	50	82	75	6.8	0.0068	0.173	135.45
39	100	54	90	81	7.2	0.0072	0.183	146.73
40	100	56	93	83	7.3	0.0073	0.185	150.5
43	110	60	100	90	7.4	0.0074	0.188	161.78
44	110	61	102	92	7.6	0.0076	0.193	165.55
47	120	65	108	97	8	0.0078	0.198	176.83
53	135	74	122	110	9	0.0085	0.216	199.41
54	137	75	125	113	9	0.0090	0.229	203.17
58	146	80	134	120	9.5	0.0092	0.234	218.22
65	165	90	150	135	10	0.0095	0.241	244.56
67	170	93	156	140	10.5	0.010	0.25	252.08
72	183	100	166	150	11	0.011	0.289	270.9
76	192	105	175	158	13	0.013	0.33	285.95
82	208	114	189	170	14	0.014	0.356	308.52
87	220	120	200	180	15	0.015	0.38	312
105	267	146	244	220	18	0.0175	0.445	385.06

Paper Information

This machine is equipped with the following trays for loading paper.

- Main body trays (trays 1 to 3)
- Paper Feeder Unit PF-602 (trays 4 and 5)
- Large Capacity Unit LU-202 (tray 4)
- Multi-Sheet Bypass Tray MB-504
- Perfect Binder PB-503
- Post inserter (equipped in Folding Unit FD-503 as standard)
- Post Inserter PI-502 (equipped in Finisher FS-612/FS-531 as option)

Also, the following items of equipment are provided to convey/process/deliver paper.

- ADU (Automatic Duplex Unit) (equipped in the main body as standard)
- Finisher FS-521
- Finisher FS-531
- Finisher FS-612
- Folding Unit FD-503
- Large Capacity Stacker LS-505
- Saddle Stitcher SD-506
- Multi Punch GP-501
- Multi Punch GP-502
- Relay Unit RU-509
- Relay Unit RU-510

Paper Weight

Paper trays	Weight
Main Body Trays (trays 1 to 3)	17 lb. to 68 lb.: 8.5" x 11/A4 or larger 17 lb. to 56 lb.: paper of 8.5" (215.9 mm) or less in length and less than 11" (279.4 mm) in width
Paper Feeder Unit PF-602 (trays 4 and 5)	Upper tray (tray 4): 17 to 68 lb. Bond Lower tray (tray 5): 17 to 81 lb. Bond Cover paper for perfect binding: 22 to 59 lb. Bond
Large Capacity Unit LU-202	17 to 81 lb. Bond Cover paper for perfect binding: 22 to 59 lb. Bond
Multi-Sheet Bypass Tray MB-504	17 to 81 lb. Bond Cover paper for perfect binding: 22 to 59 lb. Bond
Cover tray of Perfect Binder PB-503	22 to 59 lb. Bond Cover paper for perfect binding: 22 to 59 lb. Bond
Post inserter (equipped in Folding Unit FD-503 as standard)	13 to 81 lb. Bond
Post Inserter PI-502 (equipped in Finisher FS-612/FS-531 as standard)	13 to 53 lb. Bond

The setting or registration/deletion of paper weight to be specified for each paper tray is available in the paper setting from the Machine Screen. For details, see page 6-34.

NOTICE: Be sure to use paper only of the weight specified for the tray; otherwise copy quality may be deteriorated or machine trouble may occur.

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PAPER WEIGHT

Equipment		Weight
ADU		17 to 81 lb. Bond
Relay Unit RU-509		17 to 81 lb. Bond
Finisher FS-521	Secondary (sub) tray	17 to 81 lb. Bond
	Primary (main) tray	17 to 81 lb. Bond (13 to 81 lb. Bond ^{*1}) Staple: 17 to 65 lb. Bond (13 to 65 lb. Bond ^{*1})
Folding Unit FD-503	Fold mode tray	Tri-Fold-in, Tri-Fold-out: 17 to 34 lb. Bond (13 to 34 lb. Bond ^{*1}) Double Parallel, Gate: 17 to 24 lb. Bond (13 to 24 lb. Bond ^{*1})
	Primary (main) tray	17 to 81 lb. Bond Punch: 17 to 57 lb. Bond (13 to 57 lb. Bond ^{*1}), double sheets punched 17 to 24 lb. Bond (13 to 24 lb. Bond ^{*1}) Half-Fold, Tri-Fold-in, Tri-Fold-out, Z-Fold: 17 to 35 lb. Bond (13 to 35 lb. Bond ^{*1}) Double Parallel, Gate: 17 to 24 lb. Bond (13 to 24 lb. Bond ^{*1})
Large Capacity Stacker LS-505	Secondary (sub) tray	17 to 81 lb. Bond
	Stacker	17 to 65 lb. Bond
Saddle Stitcher SD-506	Secondary (sub) tray	17 to 81 lb. Bond
	Saddle stitcher tray	Fold & Staple, Trimming: 17 to 65 lb. Bond 5 sheets folded in Multi Half Fold: 17 to 22 lb. Bond 3 sheets folded in Multi Half Fold: 23 to 35 lb. Bond 2 sheets folded in Multi Half Fold: 36 to 65 lb. Bond
	Multi tri-fold mode tray	5 sheets folded in Multi Tri-Fold: 17 to 22 lb. Bond 3 sheets folded in Multi Tri-Fold: 23 to 24 lb. Bond
Perfect Binder PB-503	Secondary (sub) tray	17 to 81 lb. Bond
	Perfect binder tray	Body: 17 to 28 lb. Bond Cover: 22 to 56 lb. Bond
	Conveyance section	17 to 81 lb. Bond
Finisher FS-531	Secondary (sub) tray	13 to 81 lb. Bond
	Primary (main) tray	16 to 81 lb. Bond Staple: 16 to 56 lb. Bond
Finisher FS-612	Secondary (sub) tray	17 to 81 lb. Bond (13 to 81 lb. Bond ^{*2})
	Fold/Staple mode tray	Fold & Staple, Half-Fold, Tri-Fold: 17 to 28 lb. Bond (13 to 28 lb. Bond ^{*2})
	Primary (main) tray	17 to 81 lb. Bond (13 to 81 lb. Bond ^{*2}) Staple: 17 to 28 lb. (13 to 28 lb. Bond ^{*2})
Relay Unit RU-506		17 to 81 lb. Bond (17 to 81 lb. Bond in reverse delivery, 17 to 81 lb. Bond when humidified)
Multi Punch GP-501		20 to 81 lb. Bond

*1: Using the post inserter of Folding Unit FD-503 *2: Using the post inserter mounted on Finisher FS-612

NOTICE: With any subsequent option connected to Folding Unit FD-503, finished sets output in Tri-Fold-in, Tri-Fold-out, Double Parallel, or Gate mode are delivered only to the fold mode tray of Folding Unit FD-503. No other trays are available.

Paper Tray/Exit Tray Capacity

Paper Trays	Capacity
Main body trays (trays 1 to 3)	500 sheets (21 lb. Bond) each
Paper Feeder Unit PF-602 (trays 4 and 5)	3,000 sheets (21 lb. Bond) each
Large Capacity Unit LU-202 (tray 4)	3,000 sheets (21 lb. Bond)
Multi-Sheet Bypass Tray MB-504	Tray: 250 sheets (21 lb. Bond, height 27.5 mm)
Cover tray of Perfect Binder PB-503	1,000 sheets (22 lb. Bond) 500 sheets (56 lb. Bond)
Post inserter (equipped in Folding Unit FD-503 as standard)	Upper/Lower tray: 500 sheets (21 lb. Bond) each
Post Inserter PI-502 (equipped in Finisher FS-612/FS-531 as option)	Upper/Lower tray: 200 sheets (21 lb. Bond) each

PAPER TRAY/EXIT TRAY CAPACITY

















Equipment	Capacity
ADU	Unlimited
Relay Unit RU-509	80 ppm: 8.5" x 11" □, A4 □
Finisher FS-521	Secondary (sub) tray
	200 sheets (21 lb. Bond) Z-Fold: 20 sheets (21 lb. Bond) Half-Fold: 40 sheets (21 lb. Bond)
	Primary (main) tray (non-Staple)
Folding Unit FD-503	Primary (main) tray (Staple)
	Max. 1,000 sheets (21 lb. Bond) 2-9 sheets stapled: 75 sets (150 sets for paper width 182–364 mm) 1 0-20 sheets stapled: 50 sets 21-30 sheets stapled: 30 sets 31-40 sheets stapled: 25 sets 41-50 sheets stapled: 20 sets 51-60 sheets stapled: 15 sets 61-100 sheets stapled: 10 sets See the table on page 3-7 for the maximum number of stapled sheets per set. ²
	Fold mode tray
Large Capacity Stacker LS-505	Primary (main) tray
	2,500 sheets: 8.5" x 11" □/□, 9" x 11" □, A4 □/□, B5 □/□ 1,500 sheets: 12" x 18" □, 11" x 17" □, 8.5" x 14" □, A3 □, B4 □, Foolscap, 13" x 19" □, SRA3 □, SRA4 □/□ 500 sheets: 5.5" x 8.5" □/□, A5 □/□, B6 □
	Stacker
	Secondary (sub) tray
	200 sheets (21 lb. Bond) Z-Fold: 20 sheets (21 lb. Bond) Half-Fold: 40 sheets (21 lb. Bond)
	Stacker
	5,000 sheets (21 lb. Bond): 13" x 19" □, 12" x 18" □, 11" x 17" □, 8.5" x 14" □, 8.5" x 11" □/□, A3 □, B4 □, A4 □/□, Foolscap, SRA3 □, SRA4 □/□, 9" x 11" □ 2,000 sheets (21 lb. Bond): B5 □, A5 □ 3,000 sheets (21 lb. Bond): Coated paper of 380 mm or longer in length

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PAPER TRAY/EXIT TRAY CAPACITY continued

Equipment	Capacity	
Finisher FS-612	Secondary (sub) tray	200 sheets (21 lb. Bond)
	Primary (main) tray (straight delivery, offset delivery)	2,500 sheets (21 lb. Bond): 8.5" x 11"  , A4  , B5  , 9" x 11"  1,500 sheets (21 lb. Bond): 12" x 18"  , 11" x 17"  , 8.5" x 14"  , A3  , B4  , Foolscap, SRA4  , 500 sheets (21 lb. Bond): 5.5" x 8.5"  , A5  , B6 
	Primary (main) tray (Staple)	Tray capacity: 2-9 sheets stapled: 100 sets (paper length 417 mm or less), 50 sets (paper length 418 mm or more) 10-20 sheets stapled: 50 sets 21-30 sheets stapled: 30 sets 31-40 sheets stapled: 25 sets 41-52 sheets stapled: 20 sets Number of stapled sheets per set: 50 sheets: Plain, Fine (17 to 21 lb. Bond) 30 sheets: Color Specific, Coated (17 to 21 lb. Bond) 30 sheets: Plain, Fine (22 to 28 lb. Bond) 16 sheets: Color Specific, Coated (22 to 28 lb. Bond) Use recommended paper for Fine, Color Specific, and Coated. The above folding capacity applies to the sets of 5.5 mm or less in thickness. Up to two thick covers (53 lb.) can be included in the maximum number.
	Fold/Staple mode tray	Number of fold & staple sheets per set: 20 sheets: Plain, Fine (17 to 21 lb. Bond) 20 sheets: Color Specific, Coated (17 to 21 lb. Bond) 20 sheets: Plain, Fine (22 to 28 lb. Bond) 16 sheets: Color Specific, Coated (22 to 28 lb. Bond) Tray capacity of fold and staple: 5 sheets folded and stapled: 20 sets (20 pages x 20 sets = 400 pages) 20 sheets folded and stapled: 5 sets (80 pages x 5 sets = 400 pages) Number of half-fold: 3 sheets folded (17 to 28 lb. Bond) Tray capacity of half-fold: 3 sheets folded: 33 sets (12 pages x 33 sets = 396 pages) Number of tri-fold: 1 sheet (17 to 28 lb. Bond) Tray capacity of tri-fold: Approx. 50 sheets
Relay Unit RU-506		70 ppm: 8.5" x 11"  71 ppm: A4 
Multi Punch GP-501		70 ppm: 8.5" x 11" 









Standard Height of Folded and Stapled Booklets




The following table shows the standard height of folded and stapled booklets.




Number of sheets (1 set)	Paper sizes			
12" x 18"  , 11" x 17"  , A3  (401 mm or more)	8.5" x 14"  , B4  (301 mm to 400 mm)	8.5" x 11"  , A4  (261 mm to 300 mm)	B5  (260 mm or less)	
2 to 5 sheets	35 mm	40 mm	45 mm	Not specified
6 to 15 sheets	45 mm	50 mm	Not specified	Not specified
16 to 30 sheets	50 mm	55 mm	Not specified	Not specified
31 to 50 sheets	60 mm	65 mm	Not specified	Not specified

FINISHER FS-521 PRIMARY (Main) TRAY CAPACITY (Not Stapled)

Paper Weight	Large sizes	Small sizes (offset)	Extra-small sizes
13 to 18 lb. Bond	500	750	100
19 to 22 lb. Bond	1500	3000 (1500)	750
23 to 24 lb. Bond	1000	2000 (1500)	500
25 to 35 lb. Bond	750	1500	400
36 to 42 lb. Bond	750	1500	350
43 to 57 lb. Bond	500	1000	250
58 to 65 lb. Bond	375	750	200
66 to 81 lb. Bond	375	750	200

Large sizes: 13" x 19" , 12" x 18" , 11" x 17" , 8.5" x 14" , A3 , B4 , Foolscap, SRA3 , SRA4 , Custom (324 mm x 460 mm)

Small sizes: 8.5" x 11" , A4 , B5 , 9" x 11" 

Extra-small sizes: 5.5" x 8.5" , A5 , B6 

FINISHER FS-521 STAPLING CAPACITY

Paper Weight	Number of sheets per set including a thick cover (53 lb.)						
	Not coated (except Fine paper)		Fine paper			Coated/Color Specific	
	Length less than 400 mm	Length 400 mm or more	Length less than 320 mm	321 mm to 399 mm	Length 400 mm or more	Length less than 400 mm	Length 400 mm or more
13 to 18 lb. Bond	100	50	50	20	×	35	35
19 to 22 lb. Bond	100	50	30	30	30	35	35
23 to 24 lb. Bond	60	50	30	30	30	35	35
25 to 35 lb. Bond	50	50	30	30	30	30	30
36 to 42 lb. Bond	40	40	30	30	30	25	25
43 to 57 lb. Bond	25	25	25	25	25	20	20
58 to 65 lb. Bond	25	25	25	25	25	15	15

Even though a stapled set keeps within the capacity mentioned above, be sure not to exceed the following thickness:

- 23 mm for paper length of 219 mm or less
- 20 mm for paper length of 220 mm or more

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FINISHER FS-531 STAPLING CAPACITY

Paper Weight	Paper Type			
	Plain	Fine	Color Specific	Coated
17 to 21 lb. Bond	50 sheets	50 sheets	50 sheets	40 sheets
22 to 28 lb. Bond	40 sheets	30 sheets	30 sheets	25 sheets
29 to 36 lb. Bond	30 sheets	30 sheets	25 sheets	20 sheets
37 to 56 lb. Bond	20 sheets	20 sheets	15 sheets	—

* Up to two cover sheets (53 lb. Bond max.) can be inserted from the post inserter. The stapling capacity mentioned above includes the number of attached cover sheet.

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Substrate Throughput Assurance

Paper Size

Paper Trays	Available Sizes
Main Body Trays (Trays 1 to 3)	Standard: 12" x 18"□, 11" x 17"□, 8.5" x 11"□, SRA3□, A3□, B4□, SRA4□, A4□/□, A5□, B5□/□ Custom: Max. 12.99" x 19.17" (330 mm x 487 mm) to min. 5.51" x 7.17" (140 mm x 182 mm) For selection of K sizes, Foolscap, and JIS/ISO switching (JIS selected as default), please contact your service representative. Detectable standard sizes can be switched as follows. <ul style="list-style-type: none"> • SRA4□, (8.5" x 14"□ and 8.5" x 11"□), 8" x 13"□, 8.12" x 13.2"□, 8.25" x 13"□, or 8.5" x 13"□ • (SRA3□, A4□, and A5□) or (13" x 19"□, 8.5" x 11"□, and 5.5" x 8.5"□) • 9" x 11"□ or 8.5" x 11"□
Paper Feeder Unit PF-602 (Trays 4 and 5)	Standard: 13" x 19"□, 12" x 18"□, 11" x 17"□, 8.5" x 14"□, 8.5" x 11"□/□, SRA3□, A3□, B4□*2, SRA4□/□, A4□/□, B5□/□*2, A5□/□*1, B6□*2 Custom: Tray 4 (upper tray): Max. 12.99" x 19.17" (330 mm x 487 mm) to min. 3.94" x 7.17" (100 mm x 182 mm) Tray 5 (lower tray): Max. 12.99" x 19.17" (330 mm x 487 mm) to min. 3.94" x 5.83" (100 mm x 148 mm) Tab paper: 8.5" x 11"□, A4□ Detectable standard sizes can be switched as follows. <ul style="list-style-type: none"> • A5□ or 5.5" x 8.5"□ • 9" x 11"□ or 8.5" x 11"□
Large Capacity Unit LU-202	Standard: 13" x 19"□, 11" x 17"□, 8.5" x 14"□, 8.5" x 11"□, SRA3□, A3□, B4□, SRA4□/□, A4□/□, B5□ Custom: Max. 12.99" x 19.17" (330 mm x 487 mm) to min. 3.94" x 7.17" (100 mm x 182 mm) Tab paper: 8.5" x 11"□, A4□ Detectable standard sizes can be switched as follows. <ul style="list-style-type: none"> • 12" x 18"□ or A4□ • (8.5" x 14"□ and 8.5" x 11"□) or (SRA4□ and A4□) • 9" x 11"□ or 8.5" x 11"□
Multi-Sheet Bypass Tray MB-504	Standard: 12" x 18"□, 11" x 17"□, 8.5" x 11"□, SRA3□, A3□, B4□, SRA4□/□, A4□/□, B5□/□, A5□/□, B6□ Custom: Max. 12.99" x 19.17" (330 mm x 487 mm) to min. 3.94" x 5.83" (100 mm x 148 mm) For selection of K sizes, Foolscap, and JIS/ISO switching (JIS selected as default), please contact your service representative. Detectable standard sizes can be switched as follows. <ul style="list-style-type: none"> • (SRA4□ and A4□), 8.5" x 14"□, 8" x 13"□, 8.12" x 13.2"□, 8.25" x 13"□, or 8.5" x 13"□ • (SRA3□, A5□/□, and B6□) or (13" x 19"□, 8.5" x 11"□, and 5.5" x 8.5"□) • 9" x 11"□ or 8.5" x 11"□
Cover Tray of Perfect Binder PB-503	Length (head to foot): Same as that of body set Width: Twice the book width + body set's thickness + 5 mm (trimming width) or more Max. 12.10" x 18.58" (307 mm x 472 mm)
Paper Trays	Available sizes
Post Inserter (Equipped in Folding Unit FD-503 as Standard)	Standard (detectable sizes): 13" x 19"□, 12" x 18"□, 11" x 17"□, 8.5" x 14"□, 8.5" x 11"□/□, 5.5" x 8.5"□, SRA3□, A3□, B4□, A4□/□, SRA4□/□, B5□/□, A5□, Foolscap, Custom, Tab Paper Max. 13.03" x 19.02" (331 mm x 483 mm) to min. 7.17" x 5.472" (182 mm x 139 mm) Changing list of cover/sheet size detected <ul style="list-style-type: none"> • A5□ or 5.5" x 8.5"□ • SRA4 or (A4□ and 8.5" x 14"□), SRA4 or (8.5" x 11"□ and 8.5" x 14"□), SRA4 or (A4□ and 8" x 13"□/8.12" x 13.2"□/8.25" x 13"□/8.5" x 13"□), or SRA4 or (8.5" x 11"□ and 8" x 13"□/8.12" x 13.2"□/8.25" x 13"□/8.5" x 13"□) • SRA3□ or 13" x 19"□ • 8.5" x 11"□ or 9" x 11"□ Perfect binding covers*3: Max. 12.10" x 19.02" (307 mm x 483 mm) to min. 7.17" x 10.98" (182 mm x 279 mm)
Post Inserter PI-502 (Equipped in Finisher FS-612/FS-531 as Option)	Standard (detectable sizes): 13" x 19"□, 12" x 18"□, 11" x 17"□, 8.5" x 14"□, 8.5" x 11"□/□, 5.5" x 8.5"□, SRA3□, A3□, B4□, A4□/□, SRA4□/□, B5□/□, A5□, Foolscap, Custom, Tab Paper Max. 13.03" x 19.02" (331 mm x 483 mm) to min. 7.17" x 5.472" (182 mm x 139 mm) Changing list of cover/sheet size detected <ul style="list-style-type: none"> • A5□ or 5.5" x 8.5"□ • (SRA4□ and A4), (8.5" x 14"□ and 8.5" x 11"□), 8" x 13"□, 8.12" x 13.2"□, 8.25" x 13"□, or 8.5" x 13"□ • A3□ or 12" x 18"□ • 8.5" x 11"□ or 9" x 11"□ Perfect binding covers*1: Max. 12.10" x 19.02" (307 mm x 483 mm) to min. 7.17" x 10.98" (182 mm x 279 mm)

*1: A5P and A6L are available in tray 5 (lower tray) only.

*2: B4, B5, and B6 are JIS standard sizes. If ISO standard sizes are desired, please contact your service representative.

*3: Loading perfect binding cover requires the same setting as made for custom sizes loaded in PFU. Standard sizes, Tab Paper sizes, and postcards are unavailable.

continued

bizhub PRESS C1070/C1070P/C1060/C1060L Customer Expectation Guide

Substrate Throughput Assurance

PAPER SIZE continued

Equipment	Available Sizes	
ADU		Unlimited
Relay Unit RU-509		13" x 19"□, 12" x 18"□, 11" x 17"□, 8.5" x 14"□, 8.5" x 11"□/□, 5.5" x 8.5"□/□, SRA3□, A3□, B4□, SRA4□/□, A4□/□, B5□/□, A5□/□, B6□, A6□, Fools cap, 9" x 11"□, Custom, Tab Paper Max. 13.03" x 19.17" (331 mm x 487 mm) to min. 3.94" x 5.51" (100 mm x 140 mm)
Finisher FS-521	Secondary (sub) tray	13" x 19"□, 12" x 18"□, 11" x 17"□, 8.5" x 14"□, 8.5" x 11"□/□, 5.5" x 8.5"□/□, Foolscap, SRA3□, A3□, B4□, A4□/□, SRA4□/□, B5□/□, A5□/□, A6□, B6□, 9" x 11"□, Custom, Tab Paper (only with the tab side ahead in output direction) Max. 13.03" x 19.21" (331 mm x 488 mm) to min. 3.94" x 5.24" (100 mm x 133 mm)
	Primary (main) tray (non-Staple)	Large sizes: 12" x 18"□, 11" x 17"□, 8.5" x 14"□, A3□, B4□, Foolscap, SRA3□, SRA4□/□, 13" x 19"□ Small sizes: 8.5" x 11"□/□, A4□/□, B5□/□, 9" x 11"□ Extra-small sizes: 5.5" x 8.5"□/□, A5□/□, B6□ Others: Custom (Max. 12.76" x 18.23" (324 mm x 463 mm) to min. 5.83" x 5.47" (148 mm x 139 mm)), Tab Paper (only with the tab side ahead in output direction) Straight delivery only: 13" x 19"□, 5.5" x 8.5"□, B6□ Custom (Max. 13.03" x 19.21" (331 mm x 483 mm) to min. 5.04" x 5.47" (128 mm x 139 mm))
	Primary (main) tray (Staple)	12" x 18"□, 11" x 17"□, 8.5" x 14"□, 8.5" x 11"□/□, 5.5" x 8.5"□, SRA3□, A3□, B4□, A4□/□, SRA4□/□, B5□, A5□, Foolscap, 9" x 11"□, Custom, Tab Paper (only with the tab side ahead in output direction) Max. 12.76" x 18.23" (324 mm x 463 mm) to min. 7.99" x 5.47" (203 mm x 139 mm)
Folding Unit FD-503	Fold mode tray/ Fold	12" x 18"□, 11" x 17"□, 8.5" x 14"□, 8.5" x 11"□, A3□, B4□, A4□, SRA4□, Custom Max. 12.01" x 18.03" (305 mm x 458 mm) to min. 8.27" x 10.98" (210 mm x 279 mm)
	Primary (main) tray	13" x 19"□, 12" x 18"□, 11" x 17"□, 8.5" x 14"□, 8.5" x 11"□/□, 5.5" x 8.5"□/□, SRA3□, A3□, B4□, SRA4□/□, A4□/□, B5□/□, A5□/□, B6□, Foolscap, 9" x 11"□, Foolscap, Custom, Tab Paper (only with the tab side ahead in output direction) Max. 13.03" x 19.02" (331 mm x 483 mm) to min. 3.74" x 5.47" (95 mm x 139 mm)
	Punch (2 holes)	12" x 18"□, 11" x 17"□, 8.5" x 14"□, 8.5" x 11"□/□, 5.5" x 8.5"□, 9" x 11"□, A3□, B4□, SRA4□, A4□/□, B5□/□, A5□/□, Foolscap, Tab paper
	Punch (3 holes)	12" x 18"□, 11" x 17"□, 8.5" x 11"□, SRA3□, A3□, B4□, A4□, B5□, 9" x 11"□, Tab paper
Large Capacity Stacker LS-505	Stacker	13" x 19"□, 12" x 18"□, 11" x 17"□, 8.5" x 14"□, 8.5" x 11"□/□, SRA3□, A3□, B4□, SRA4□/□, A4□/□, B5□, A5□, Foolscap, 9" x 11"□, Custom (max. 13.03" x 19.02" (331 mm x 483 mm) to min. 8.27" x 5.83" (210 mm x 148 mm)) Tab paper (1 to 15 tabs*) (However, output sets cannot be offset when including tabbed sheets.)
	Secondary (sub) tray	13" x 19"□, 12" x 18"□, 11" x 17"□, 8.5" x 14"□, 8.5" x 11"□/□, 5.5" x 8.5"□, SRA3□, A3□, B4□, SRA4□, A4□/□, B5□/□, A5□/□, B6□, Foolscap, A6□, 9" x 11"□, Custom, Tab Paper (only with the tab side ahead in output direction) Max. 13.03" x 19.21" (331 mm x 488 mm) to min. 3.74" x 5.47" (95 mm x 139 mm)
Saddle Stitcher SD-506	Secondary (sub) tray	13" x 19"□, 12" x 18"□, 11" x 17"□, 8.5" x 14"□, 8.5" x 11"□/□, 5.5" x 8.5"□/□, SRA3□, A3□, B4□, SRA4□/□, A4□/□, B5□/□, A5□/□, B6□, Foolscap, A6□, 9" x 11"□, Custom, Tab Paper (only with the tab side ahead in output direction) Max. 13.03" x 19.21" (331 mm x 488 mm) to min. 3.74" x 5.47" (95 mm x 139 mm) With the saddle stitcher tray drawn out: 56.73" (D) (1,441 mm)
	Fold & Staple/ Trimming function	12" x 18"□, 11" x 17"□, 8.5" x 14"□, 8.5" x 11"□, SRA3□, A3□, B4□, SRA4□, A4□, B5□, Foolscap, Custom Max. 12.76" x 18.23" (324 mm x 463 mm) to min. 7.17" x 10.12" (182 mm x 257 mm)
	Multi folding function	Multi Half Fold: 12" x 18"□, 11" x 17"□, 8.5" x 14"□, 8.5" x 11"□, SRA3□, A3□, B4□, SRA4□, A4□, B5□, Foolscap, Custom Max. 12.76" x 18.23" (324 mm x 463 mm) to min. 7.17" x 10.12" (182 mm x 257 mm) Multi Tri-Fold: 8.5" x 11"□, A4□

continued

bizhub PRESS C1070/C1070P/C1060/C1060L Customer Expectation Guide

Substrate Throughput Assurance

PAPER SIZE continued

Equipment	Available Sizes	
Perfect Binder PB-503	Secondary (sub) tray	13" x 19"□, 12" x 18"□, 11" x 17"□, 8.5" x 14"□, 8.5" x 11"□/□, 5.5" x 8.5"□, SRA3□, A3□, B4□, SRA4□, A4□/□, B5□/□, A5□/□, Foolscap, A6□, B6□, 9" x 11"□, Custom, Tab Paper (only with the tab side ahead in output direction) Max. 12.76" x 18.23" (324 mm x 463 mm) to min. 3.94" x 5.47" (100 mm x 139 mm)
	Perfect binder tray	Body: 8.5" x 11"□, 5.5" x 8.5"□/□, A4□, B5□, A5□/□; 12.09" x 8.70" (307 mm x 221 mm) max. Cover: 12.09" x 18.58" (307 mm x 472 mm) max. For details of paper sizes used in perfect binding, see page 9-30.
Finisher FS-531	Primary (main) tray (straight/offset delivery)	Standard: 12" x 18"□, 11" x 17"□, 8.5" x 14"□, 8.5" x 11"□/□, 5.5" x 8.5"□*/□, SRA3□*, SRA4□, A3□, B4□, A4□/□, B5□/□, A5□*/□, B6□*1 Custom*2: Max. 12.36" x 18.03" (314 mm x 458 mm) to min. 7.17" x 5.83" (182 mm x 148 mm) Tab Paper: 8.5" x 11"□, A4□
	Primary (main) tray (Staple)	Standard: 12" x 18"□, 11" x 17"□, 8.5" x 14"□, 8.5" x 11"□/□, 5.5" x 8.5"□, 7.25" x 10.5"□/□, A3□, B4□, A4□/□, SRA4□, B5□/□, A5□ Custom: Max. 12.36" x 18.03" (314 mm x 458 mm) to min. 7.17" x 5.83" (182 mm x 148 mm) Tab paper: 8.5" x 11"□, A4□
	Secondary (sub) tray	Standard: 13" x 19"□, 12" x 18"□, 11" x 17"□, 8.5" x 14"□, 8.5" x 11"□/□, 5.5" x 8.5"□/□, 7.25" x 10.5"□/□, SRA3□, A3□, B4□, A4□/□, SRA4□/□, B5□/□, A5□/□, B6□, A6□ Custom: Max. 12.99" x 19.17" (330 mm x 487 mm) to min. 3.94" x 5.83" (100 mm x 148 mm) Tab Paper: 8.5" x 11"□, A4□
Finisher FS-612	Primary (main) tray (Staple)	12" x 18"□, 11" x 17"□, 8.5" x 14"□, 8.5" x 11"□/□, 5.5" x 8.5"□, A3□, B4□, SRA4□, A4□/□, B5□/□, A5□, Foolscap, 9" x 11"□, Custom Max. 12.36" x 18.03" (314 mm x 458 mm) to min. 7.17" x 5.47" (182 mm x 139 mm) Tab Paper (only with the tab side ahead in output direction)
	Primary (main) tray (Fold & Staple)	12" x 18"□, 11" x 17"□, 8.5" x 14"□, 8.5" x 11"□, A3□, B4□, SRA4□, A4□, Custom Max. 12.36" x 18.03" (314 mm x 458 mm) to min. 8.27" x 10.98" (210 mm x 279 mm)
	Primary (main) tray (Half-Fold, Tri-Fold)	Half-Fold: 12" x 18"□, 11" x 17"□, 8.5" x 14"□, 8.5" x 11"□, A3□, B4□, SRA4□, A4□, Custom Max. 12.36" x 18.03" (314 mm x 458 mm) to min. 8.27" x 10.98" (210 mm x 279 mm) Tri-Fold: 8.5" x 11"□, A4□
	Primary (main) tray (straight/off set delivery)	12" x 18"□, 11" x 17"□, 8.5" x 14"□, 8.5" x 11"□/□, A3□, B4□, SRA4□, A4□/□, B5□/□, A5□, Foolscap, 9" x 11"□, Custom Max. 12.36" x 18.03" (314 mm x 458 mm) to min. 7.17" x 5.83" (182 mm x 148 mm) Tab Paper (only with the tab side ahead in output direction) The following sizes are available only in straight delivery: 5.5" x 8.5"□, A5□, B6□ Min. 5.04" x 5.47" (128 mm x 139 mm)
	Secondary (sub) tray	13" x 19"□, 12" x 18"□, 11" x 17"□, 8.5" x 14"□, 8.5" x 11"□/□, 5.5" x 8.5"□/□, SRA3□, A3□, B4□, SRA4□/□, A4□/□, B5□/□, A5□/□, B6□, A6□, Foolscap, 9" x 11"□, Custom Max. 13.03" x 19.21" (331 mm x 488 mm) to min. 3.94" x 5.47" (100 mm x 139 mm) Tab Paper (only with the tab side ahead in output direction)
Relay Unit RU-506		Standard: 13" x 19"□, 12" x 18"□, 11" x 17"□, 8.5" x 14"□, 8.5" x 11"□/□, 5.5" x 8.5"□, Foolscap, SRA3□, A3□, B4□, A4□/□, SRA4□, B5□/□, A5□, 9" x 11"□, Tab Paper Custom: Max. 12.76" x 18.23" (324 mm x 463 mm) to min. 3.74" x 5.24" (95 mm x 133 mm)
Multi Punch GP-501		8.5" x 11"□, A4□

*1: 5.5" x 8.5"w, SRA3L, A5L, and B6L are available for straight output only.

*2: Max. 12.36" x 18.03" (314 mm x 458 mm) to min. 5.04" x 5.83" (128 mm x 148 mm) for straight output only.

Auto Tray Switch Function

When the selected paper tray becomes empty while printing is in progress, the machine automatically switches the paper tray source to continue printing without interruption only if there is another tray that meets the following conditions.

Make the following settings in **02 User Setting – 01 System Setting – 03 Paper Tray Setting**:

- In **02 Auto Tray Selection Setting**, select the trays to be automatically selected when Auto Paper functions. Priority order can also be specified.
- In **03 Type for Auto Paper**, specify those trays with different paper settings to be the target tray in ATS.

Paper trays should be loaded with paper as specified below.

- The same size in the same orientation
- The same paper type

To Store Copy Paper

Observe the following precautions when storing copy paper:

- Store paper in a cool, dry area. Using damp paper may cause a paper misfeed.
- Keep partially used packages tightly wrapped during storage.
- Do not place paper packages vertically to store. Paper curl due to the vertical storage may cause a paper misfeed.
- Do not leave paper in a place within easy reach of children.

Specification & Installation

bizhub PRESS C1070/C1070P/C1060/C1060L General Specifications

Type	Console type
Copy Method	4-coupled drum tandem laser electrostatic method
Resolution	Scan 600 dpi x 600 dpi Print 1,200 dpi (Equivalent to 3,600 dpi) x 1,200 dpi
Gradation	8-bit/256 Gradation
CPU	1070: Core i5 2400 1060: 3.1 GHz Pentium G850 2.9 GHz
System Memory Capacity	6 GB 2 GB (1070P)
Extended Memory	System memory capacity can be extended up to 14GB with IC-602 or UK-104.
HDD	1.5 TB
Original Type	Sheet, Book, Solid object
Max. Original Size	A3 or 11" x 17"
Max. Printing Area	323 mm x 480 mm
Output Size	SRA3, A3, B4, A4, B5, 13" x 19", 11" x 17", 8.5" x 14", 8.5" x 11.5" x 8.5"S Tab paper (A4, 8.5" x 11") Max. 330 mm x 487 mm, Min. 140 mm x 182 mm Multi-bypass(Optional): SRA3, A3, B4, A4, B5, 13" x 19", 11" x 17", 8.5" x 14", 8.5" x 11", 5.5" x 8.5"S Tab paper (A4, 8.5" x 11") Max. 330 mm x 487 mm, Min. 100 mm x 148 mm
Image Loss	Max. 4 mm or less for top edge, Max. 4.5 mm or less for bottom edge, Max. 3.0 mm or less for right/left edges
Warm-Up Time	390 seconds or less
First Copy Out Time	Color 7.1 seconds or less (A4, 8.5" x 11") 7.6 seconds or less (A4, 8.5" x 11") Black and White 5.9 seconds or less (A4, 8.5" x 11") 6.3 seconds or less (A4, 8.5" x 11")
Continuous Copy Speed	Color 71 sheets/min. (A4) 61 sheets/min. (A4) 38 sheets/min. (A3) 33 sheets/min. (A3) Black and White 71 sheets/min. (A4) 61 sheets/min. (A4)
Copy Magnification	Fixed Magnification Inch: x1.000, x2.000, x1.545, x1.294, x1.214, x0.785, x0.772, x0.647, x0.500 Metric: x1.000, x2.000, x1.414, x1.189, x 0.840, x0.707, x0.500 Zoom Magnification x0.250 to x4.000 (Each 0.001 step)

Tray Capacity	Standard	Tray 1 (500 sheets, 80 gsm) Tray 2 (1,000 sheets, 80 gsm)
	Option	MB-506 (Multi-bypass, 250 sheets, 80 gsm)*1,*2 PF-602m (3,000 sheets x 2, 80 gsm)*1 PF-707 (1,390 sheets x 2, 1,850 sheets x 1, 80 gsm)*1 LU-202 (2,500 sheets x 80 gsm)*1
Paper Weight	Standard	62 gsm to 256 gsm*3 (plain, Fine, Color Specific) 81 gsm to 256 gsm*3 (Coated)
	Option	(MB-506) 62 gsm to 300 gsm (Plain, Fine, Color Specific)
Continuous Copy Count	Up to 9,999 sheets	
Power Source	Inch: AC208 to 240V 21A 60 Hz Metric: AC220 to 240V 20A, 50 Hz/60 Hz	
Power Consumption	Inch: 4,900W or less (Main body only) Metric: 4,700W or less (Main body only)	
Dimensions [W] x [D] x [H]	760 mm*4 x 903 mm*5 x 1,073 mm*6 29.92*4 x 35.55*5 x 42.24*6 (Main body + Original Cover)	
Weight	Approximately 291 kg/641 lb (Main body only)	

*1 MB-506, PF-602m, PF-707 and LU-202 are the options.

*2 PF-602m and PF-707 are not available when MB-506 is installed.

*3 For paper size A4 or smaller than 8.5" x 11", it is up to 216 gsm.

*4 Excluding the control panel, output tray, work table.

*5 Including the rear duct.

*6 Height to the top of the original cover excluding the control panel.

Duty Cycle

bizhub C1070/C1070P: Up to 350,000 monthly

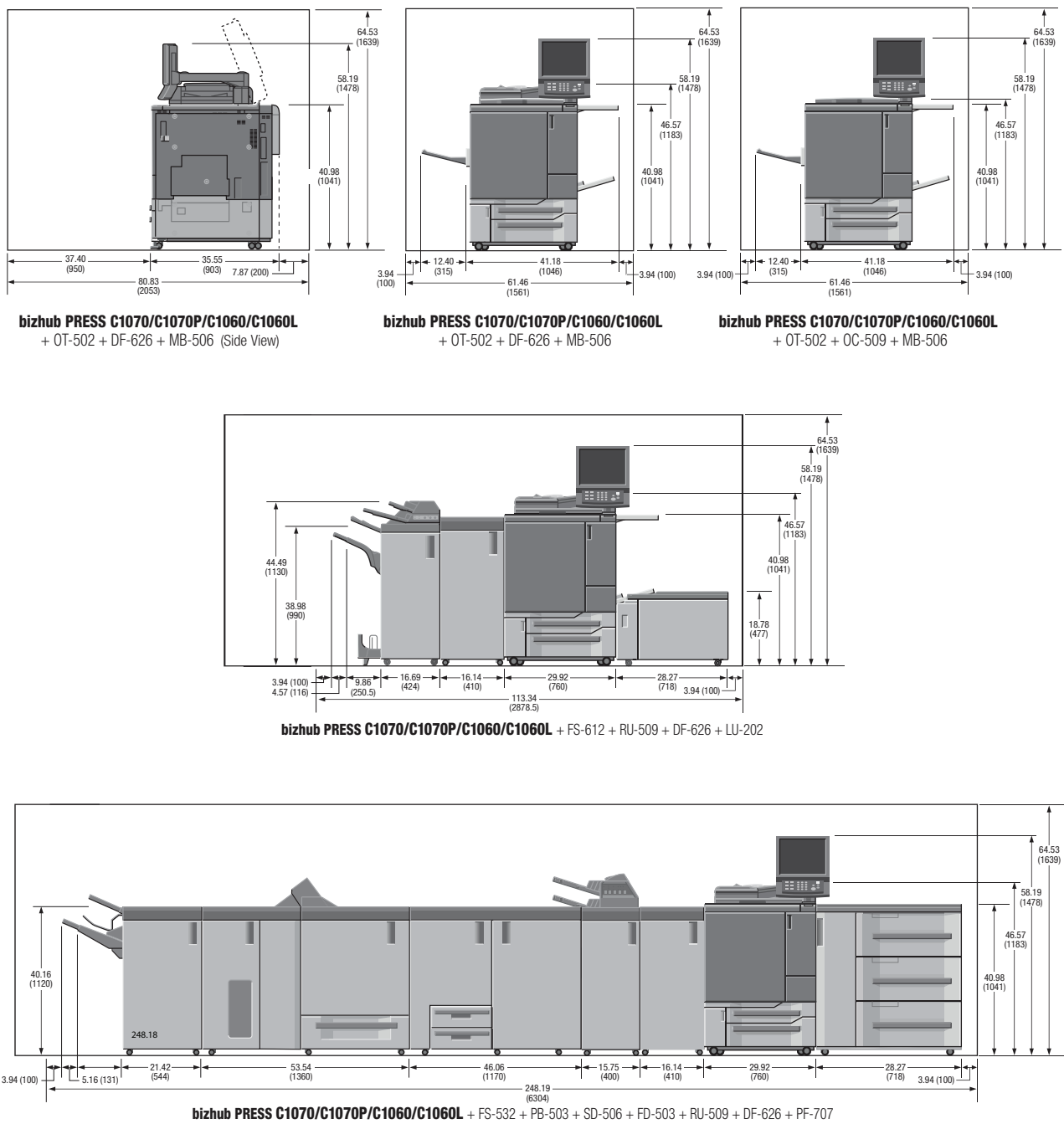
bizhub C1060/C1060L: Up to 300,000 monthly

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.

bizhub PRESS C1070/C1070P/C1060/C1060L Customer Expectation Guide

Specification & Installation

Space Requirements



bizhub PRESS C1070/C1070P/C1060/C1060L


Customer Expectation Guide

Specification & Installation

Environmental Requirements

Temperature	50° to 86° F
Humidity	10–80% RH
Noise while engine under operation	< 80 dBA
Noise while feeder under operation	84 dBA
Ozone emission	< 80 mg/h
Fusing range	145 –175 C

Electrical Requirements

Line options:	Dedicated	NEMA Diagram for L6–30R 
Voltage:	208-240 VAC	
Amperage:	21A	
Cycles:	60 Hz	
NEMA Part No.:	L6–30R	
Cord Length:	7.5 ft.	

Note: The main electrical outlet must be located within 7.5 feet from the right rear corner of the main unit.

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Specification & Installation

Component Considerations

DF-626 Reverse Automatic Document Feeder



Paper Type	Normal Original Mode: Simplex original mode: 35 gsm to 210 gsm Duplex original mode: 50 gsm to 128 gsm Mixed Original Mode: Simplex original mode, Duplex original mode: 50 gsm to 128 gsm
Paper Size	A3, B4, A4, B5, A5, B6S, 11" x 17", 8.5" x 11"
Capacity	100 sheets (80 gsm)
Scan Speed (A4)	600 dpi: 42 sheets/min. 300 dpi: 70 sheets/min.
Power Source	Supplied from the machine
Dimensions (WxDxH)	23.62" x 22.64" x 5.12" (600 mm x 575 mm x 130 mm)
Weight	Approximately 36.82 lb./16.7 kg


MB-506 Multi Bypass Paper Feed Unit



Paper Weight	62 gsm to 300 gsm
Paper Size	Max. 330 mm x 487 mm, Min. 100 mm x 148 mm
Tray Capacity	250 sheets (80 gsm)
Power Source	Supplied from the main body
Power Consumption	Max. 28W or less
Dimensions (WxDxH)	19.09" x 19.8" x 12.87" (485 mm x 503 mm x 327 mm) (Max. dimensions of the whole unit)
Weight	Approximately 4.2 kg/9.26 lb.

PF-707 Paper Feeder Unit



Paper Size (S: Short Edge Feed )	SRA3, A3, B4, A4, B5, A5, 13" x 19", 12" x 18", 11" x 17", 9" x 11", 8.5" x 14", 8.5" x 11" Max. 330.2 mm x 487.7 mm, Min. 100 mm x 140 mm*1 Tab paper (A4, 8.5" x 11")
Paper Type	Plain, Fine, Color, Coated, Envelope*2
Paper Weight	62 gsm to 350 gsm
Max. Tray Capacity	4,630 sheets (80 gsm) Tray (upper/middle): 1,390 sheets Tray (lower tray): 1,850 sheets
Power Source	Requires own electrical outlet (5-20R).
Dimensions (WxDxH)	39.21" x 30.39" x 40.87" (996 mm x 772 mm x 1038 mm)
Weight	203 kg/447.4 lb.

*1 For the paper whose width is less than 140 mm, use the small size guide. *2 Only upper tray supports envelopes.


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Specification & Installation

Component Considerations

PF-602m Paper Feeder Unit



Paper Size (S: Short Edge Feed )	SRA3, A3, B4, A4, B5, A5, 13" x 19", 12" x 18", 11" x 17", 9" x 11", 8.5" x 14", 8.5" x 11" Tab paper (A4, 8.5" x 11") Tray (upper): Max. 330 mm x 487 mm, Min. 100 mm x 182 mm Tray (lower): Max. 330 mm x 487 mm, Min. 100 mm x 148 mm
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Applicable Paper	Plain paper, High quality paper, Coated paper
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Paper Weight	Tray (upper) 62 gsm to 256 gsm Tray (lower) 62 gsm to 300 gsm
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Max. Tray Capacity	6,000 sheets (80 gsm standard paper) = 3,000 sheets x 2 trays
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Power Source	Supplied both from the main body.
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Max. Power	Consumption DC: 90W or less, AC: 100W or less
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Dimensions (WxDxH)	37.28" x 29.53" x 41.14" (947 mm x 750 mm x 1,045 mm)
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Weight	Approximately 374.78 lb./170 kg
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HT-511 Dehumidifier Heater

Power Source	Supplied from the main body
Max. Power Consumption	40W or less
Dimensions (WxDxH)	9.47" x 4.89" x 0.31" (240.6 mm x 124.1 mm x 7.8 mm)
Weight	0.51 lb./232.4 g

LU-202 Large Capacity Unit



Paper Size (S: Short Edge Feed )	SRA3, A3, A4, B5, 13" x 19", 12" x 18", 11" x 17", 9" x 11", 8.5" x 14", 8.5" x 11" Tab paper (A4, 8.5" x 11") Max. 330 mm x 487 mm, Min. 210 mm x 182 mm*1
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Applicable Paper	Plain paper, High quality paper, Coated paper: 62 gsm to 300 gsm*1
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Paper Capacity	2,500 sheets (80 gsm)*2
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Power Source	Supplied both from the main body.
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Max. Power Consumption	DC: 70W or less, AC: 50W or less (Not including HT-503)
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Dimensions (WxDxH)	27.95" x 25.16" x 18.78" (710 mm x 639 mm x 477 mm)
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Weight	Approximately 92.59 lb./42 kg
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*1 Available types of paper weighing 300 gsm are limited to specific types. *2 Stacked height 275 mm

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Specification & Installation

Component Considerations continued


HT-503 Dehumidifier Heater



Power Source	Supplied from the main body
Max. Power Consumption	DC: 4W or less, AC: 290W or less
Dimensions (WxDxH)	Dehumidifier Fan Heater Unit: 7.76" x 11.54" x 3.22" (293 mm x 82 mm x 197 mm) Power Source Unit: 4.76" x 6.3" x 3.15" (121 mm x 80 mm x 160 mm)
Weight	Dehumidifier Fan Heater Unit: 3.31 lb./1.5 kg Power Supply Unit: 1.98 lb./0.9 kg
















RU-509 Relay Unit



Paper Size (S: Short Edge Feed )	Max. 330 mm x 487 mm, Min. 100 mm x 140 mm
Paper Weight	40 gsm to 350 gsm
Power Source	Requires own electrical outlet (5-20R).
Dimensions (WxDxH)	16.25" x 29" x 40.25" (410 mm x 735 mm x 1,020 mm)
Weight	Approximately 176.25 lb./60 kg

Relay Unit RU-510



Type	Relay unit with 2-ply reversing function
2-ply Reversing Delivery	Deliver two sheets in layers while reversing them to the subsequent finishing equipment in simplex printing.
1-ply Reversing Delivery	Deliver each sheet while reversing it to the subsequent finishing equipment in simplex printing.
Straight Delivery	Deliver each sheet without reversing it in face-up printing or duplex printing.
Paper Size	Standard: 13" x 19"  , 12" x 18"  , 11" x 17"  , 8.5" x 14"  , 8.5" x 11"  , 9" x 11"  , 5.5" x 8.5"  , Foolscap, Postcard  , SRA3  , A3  , B4  , A4  , SRA4  , B5  , A5  Custom: max. 13.00" x 19.17" (331 mm x 488 mm) to min. 3.73" x 5.26" (95 mm x 133 mm) Wide Paper Tab Paper
Paper Type	Recommended for main body
Paper Weight	Straight delivery: 11 to 93 lb. Bond 1-ply reversing delivery: 11 to 80 lb. Bond 2-ply reversing delivery: 11 to 68 lb. Bond (11 to 57 lb. Bond for bizhub PRESS 1250)
Dimensions	16.1 (W) x 28.4 (D) x 40.1 (H) inches
Weight	Approx. 77.2 lb.
Power Source	24/5 VDC (supplied from the precedent option)
Maximum Power Consumption	68 W

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Specification & Installation

Component Considerations

HM-102 Paper Humidifier



Paper Type	Same as the main body.
Power Source	24/5 VDC (Supplied from RU-509)
* For Humidifier ON mode, Envelope or Coated, PrePrinted, Blank Insert Sheet, Embossed, and Embossed2 with the weight under 135 gsm or less cannot be used.	

FS-531 Finisher



Paper Weight (Staple mode)	60 gsm to 209 gsm
Paper Size (Staple mode)	Max. 314 mm x 458 mm, Min. 182 mm x 148 mm
Paper Capacity (80 gsm)	Non-Sort Mode/Sort/Group Mode Max. 3,000 sheets (A4, B5, 8.5" x 11") Staple Mode <ul style="list-style-type: none"> • 2 to 9: 100 sets (Direction: 150 mm to 417 mm)/50 sets (Other) • 10 to 20: 50 sets • 21 to 30: 30 sets • 31 to 40: 25 sets • 41 to 50: 20 sets
Stapling Mode Types (Staple Position)	Corner Stapling Parallel or diagonal depending on paper size 2 Staplings Center spreading 162 mm pitch
Power Source	Supplied from the main body.
Max. Power Consumption	80W or less
Dimensions (WxDxH)	16.69" x 25.82" x 39" (424 mm x 656 mm x 990 mm) Width including the primary (main) tray (with the edge closed): 26.56"/674.5 mm Width including the primary (main) tray (with the edge pulled out): 31.12"/790.5 mm
Weight	Approximately 132.28 lb/60 kg

* Excluding the primary (main) tray

PK-512/PK-513 Punch Kit



Type	FS-integrated type punching operation device for Finisher FS-531/FS-612
Hole Pitch	PK-512: 80 mm (2 holes/4 holes), 108 mm (3 holes) PK-513: 21 mm, 70 mm, 21 mm (Swedish 4 holes)
Paper Weight	60 gsm to 128 gsm
Paper Size	PK-512: 2 holes: A3, B4, A4, B5, 11" x 17", 8.5" x 14", 8.5" x 11" 3/4 holes: A3, B4, A4, B5, 11" x 17", 8.5" x 11" PK-513: A3, B4, A4, B5
Applicable Paper	Plain paper, High quality paper, Color paper, Coated paper (Same as the main body)
Power Source	Supplied from the main body.
Max. Power Consumption	40W or less
Dimensions (WxDxH)	5.12" x 18.5" x 4.53"/130 mm x 470 mm x 115 mm
Weight	Approx. 6.61 lb./3 kg

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Specification & Installation

Component Considerations continued

FS-612 Finisher



Paper Weight	Staple/Saddle Stitching/ Half-Fold Mode	62 gsm to 105 gsm
Paper Size	Staple Mode	A3, B4, A4, B5, A5, 12" x 18", 11" x 17", 8.5" x 14", 8.5" x 11", 9" x 11" Tab paper* ¹ (A4, 8.5" x 11") Max. 314 mm x 458 mm, Min. 182 mm x 140 mm, 182 mm x 148 mm* ²
	Saddle Stitching Mode	A3, B4, A4, 12" x 18", 11" x 17", 8.5" x 14", 8.5" x 11" Max. 314 mm x 458 mm Min. 210 mm x 279mm
	Half-Fold Mode	A3, B4, A4, 12" x 18", 11" x 17", 8.5" x 14", 8.5" x 11" Max. 314 mm x 458mm, Min. 210 mm x 279 mm
	Tri-Folding Mode	A4S, 8.5" x 11"S
Paper Capacity (Main Tray)	Non-Sort Mode, Sort/ Group Mode	Max. 2,500 sheets A4, A4S, B5, 8.5" x 11"
Paper Weight 60 gsm to 300 gsm		1500 sheets SRA3* ¹ , A3, B4, 12" x 18", 11" x 17", 8.5" x 14"
Paper Capacity (Booklet Tray) Paper Weight 60 gsm to 105 gsm	Saddle Stitching Mode	Length in the sub scan direction: 299 mm or less: 15 sets with 5 sheets Other than the above: 20 sets with 5 sheets
	Folding Mode	Length in the sub scan direction: 299 mm or less: 25 sets with 3 sheets folding Other than the above: 33 sets with 3 sheets folding
	Tri-Folding Mode	50 sets with 1 sheet folding
Paper Capacity (Sub Tray)		Max. 100 sheets
Paper Weight 50 gsm to 300 gsm		SRA3, A3, B4, A4, 13" x 19", 12" x 18", 11" x 17", 9" x 11", 8.5" x 14"
Power Source		Supplied from the main body.
Max. Power Consumption		80W or less
Dimensions (WxDxH)		16.69"* ² x 25.83" x 39" (424 mm* ² x 656 mm x 990 mm) Width including the primary (main) tray (with the edge closed): 26.56"/674.5 mm Width including the primary (main) tray (with the edge pulled out): 31.12"/790.5 mm
Weight		143.3 lb./65kg

*1 Non-sort mode only *2 Excluding the primary (main) tray



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Specification & Installation

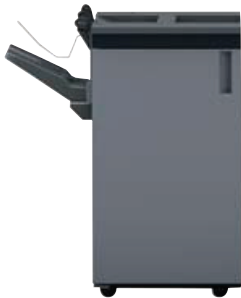
Component Considerations

LS-505 Large Capacity Stacker



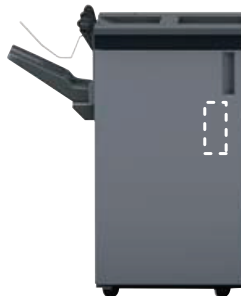
Paper Size (S: Short Edge Feed )	Stacker Tray Mode: Max. 331 mm x 483 mm, Min. 210 mm x 148 mm Sub Tray Mode: Max. 330 mm x 487 mm, Min. 100 mm x 148 mm
Paper Weight	Stacker Tray Mode: 50 gsm to 244 gsm Sub Tray Mode: 40 gsm to 350 gsm
Paper Capacity (80 gsm) (S: Short Edge Feed )	Stacker Tray Mode: Max. 5,000 sheets Sub Tray Mode: 200 sheets (Z-Fold: 20 sheets, Center-Fold: 40 sheets)
Power Source	Requires own electrical outlet (5-20R).
Max. Power Consumption	143W or less
Dimensions (WxDxH)	30" x 28.5" x 48.5" (785 mm x 723 mm x 1,020 mm)
Weight	Approximately 242.5 lb./110 kg


FS-532 Finisher



Paper Weight	Staple Mode: 62 gsm to 300 gsm Straight/Shift Mode: 62 gsm to 300 gsm
Paper Size	Staple Mode: Max. 330 mm x 488 mm, Min. 203 mm x 148 mm Straight/Shift Mode: Max. 330 mm x 487 mm, Min. 100 mm x 148 mm (Using small size guides)
Paper Capacity	(80 gsm) Max. 4,500 sheets (Main + Sub tray)
Stapling Mode Types	Corner stapling: Horizontal, Vertical 2-point stapling: Center
Power Source	Supplied from the machine
Max. Power Consumption	144W or less
Dimensions (WxDxH)	21.5" x 28.5" x 42.25" (544 mm x 723 mm x 1,070 mm)
Weight	163.25 lb./74 kg

PK-522 Punch Kit



Applicable	Finisher FS-532
Hole Pitch	Metric Area: 80 mm (2 holes/4 holes), 21 mm, 70 mm, 21 mm (Swedish 4 holes) Inch Area: 70 mm (2 holes), 108 mm (3 holes)
Paper Weight	60 gsm to 300 gsm
Paper Size (S: Short Edge Feed )	2-holes: A3, B4, A4, B5, 11" x 17", 9" x 11", 8.5" x 14", 8.5" x 11" 3-/4-holes: A3, B4, A4, B5, 11" x 17", 9" x 11", 8.5" x 11"
Power Source	Supplied from the main unit
Dimensions (WxDxH)	6.25" x 23.25" x 7.25" (156 mm x 592 mm x 180 mm)
Weight	9.92 lb./4.5 kg


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Specification & Installation

Component Considerations continued

SD-510 Saddle Stitcher



Paper Size (S: Short Edge Feed )	Saddle Stitch Center-Fold Fold & Staple: SRA3, A3, B4, A4, 13" x 19", 12" x 18", 11" x 17", 8.5" x 14", 8.5" x 11"S Max. 330 mm x 487 mm, Min. 120 mm x 240 mm Three Fold-in: A4S, 8.5" x 11"
Fold Mode Tray Capacity	Saddle Stitch (330 mm or more in length): 2 to 5 sheets: 35 sets, 6 to 10 sheets: 23 sets, 11 to 25 sheets: 15 sets Center-Fold: 1 to 5 sheets: 35 sets Three-Fold (less than 330 mm in length): 1-sheet fold: 50 sets, 2-sheet fold: 40 sets, 3-sheet fold: 30 sets
Sheets Saddle Stitch	Max. 20 sheets
Sheets Folded	Center-Fold Max. 5 sheets Three-Fold-in Max. 3 sheets
Power Source	Supplied from the main unit
Dimensions (WxDxH)	11.07" x 23.48" x 20.86" (281 mm x 596 mm x 530 mm)
Weight	Approximately 58.25 lb./26.4 kg

*Usable paper types will vary according to function and paper exit destination.

PI-502 Post Inserter (Optional Mount Kit MK-732 with FS-532 is required.)



Paper Type	Plain, Color, Special, Coated (50 gsm to 300 gsm)
Paper Size	Upper Tray: A4, B5, A5, 9" x 11", 8.5" x 11", 8.5" x 11"S Lower Tray: SRA3, A3, B4, A4, B5, A5, 12" x 18", 11" x 17", 8.5" x 14", 8.5" x 11", 8.5" x 11"S
Paper Capacity (80 gsm)	Max. 200 sheets
Power Source	Supplied from Finisher FS-532
Dimensions (WxDxH)	20.25" x 24.5" x 8.75" (511 mm x 620 mm x 220 mm)
Weight	Approx. 23.5 lb./10.5 kg


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Specification & Installation

Component Considerations

FD-503 Folding Unit




Hole Pitch	Metric area: 80 mm (2 holes/4 holes) Inch area: 70 mm (2 holes), 108 mm (3 holes)
Fold Types	Center-fold, Three fold-in, Three fold-out, Double parallel, Z-fold, Gatefold
Paper Size (S: Short Edge Feed 	Hole Punch 2 holes: SRA3, A3, B4, A4, B5, 12" x 18", 11" x 17", 8.5" x 14", 8.5" x 11" 3/4 holes: SRA3, A3, B4, A4, B5, 12" x 18", 11" x 17", 8.5" x 11" Folding Mode: Max. 305 mm x 458 mm, Min. 210 mm x 279 mm Post Insertion Mode: Max. 331 mm x 483 mm, Min. 182 mm x 139 mm Straight Mode: Max. 330 mm x 483 mm, Min. 182 mm x 148 mm
Paper Weight	Punch 50 gsm to 300 gsm Folding Mode Center-Fold/Three Fold-in/Three Fold-out/Z-Fold: 50 gsm to 130 gsm Double Parallel/Gatefold: 50 gsm to 91 gsm Post Insertion Mode: 50 gsm to 300 gsm Straight Mode: 40 gsm to 350 gsm Sub Tray Mode: 40 gsm to 350 gsm*2
Power Source	Requires own electrical outlet (5-20R).
Dimensions (WxDxH)	15.75" x 28.5" x 48.5" (400 mm*1 x 723 mm x 1,231 mm)
Weight	Approximately 285.5 lb./130 kg

*1 Width including the primary (main) tray (with the edge closed): 667 mm. Width including the primary (main) tray (with the edge pulled out): 784 mm . *2 Loading paper weight 49 gsm or less is not warranty.

SD-506 Saddle Stitcher



Paper Size (S: Short Edge Feed 	Saddle Stitch/Trimming: SRA3, A3, B4, A4S, 12" x 18", 11" x 17", 8.5" x 14", 8.5" x 11"S Max. 324 mm x 463 mm, Min. 182 mm x 257 mm Folding: Center-Fold: SAR3, A3, B4, A4S, B5S, 12" x 18", 11" x 17", 8.5" x 14", 8.5" x 11" Max. 324 mm x 463 mm, Min. 182 mm x 257 mm Three Fold-in: A4S, 8.5" x 11"S Straight (Sub Tray): Max. 330 mm x 483 mm, Min. 100 mm x 148 mm
Paper Weight	Saddle Stitch/Trimming: 50 gsm to 244 gsm Center-Fold: 50 gsm to 244 gsm Three Fold-in: 50 gsm to 91 gsm Straight (Sub Tray): 40 gsm to 350 gsm*1
Stitching Capacity	Max: 50 sheets (62 gsm to 81 gsm)
Trimming Capacity	50 sheets (80 gsm)
Fold Type	Center-Fold, Three Fold-in
Folding Capacity	Center-Fold: 30 sets Three Fold-in: 20 sets
Power Source	Requires own electrical outlet (5-20R).
Max. Power Consumption	270 W
Dimensions (WxDxH)	When the stack output tray closed: 46" x 30.5" x 40.25" (1,170 mm x 775 mm x 1,020 mm)
Weight	617.25 lb./280 kg


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Specification & Installation

Component Considerations continued

PB-503 Perfect Binder



Paper Weight	Body: 64 gsm to 105 gsm (81 gsm to 209 gsm for cover sheets)
Paper Size (S: Short Edge Feed )	Body: Max. 307 mm x 221 mm, Min. 139 mm x 210 mm Cover Paper: Max. 307 mm x 472 mm, Min. 139 mm x 279 mm
Bound Pages (80 gsm)	Approximately 300 sheets max. (less than 30mm thick)/ Approximately 10 sheets min.
Warm-up Time	Approximately 20 min.
Power Source	Requires own electrical outlet (5-20R).
Max. Power Consumption	1,000 W or less
Dimensions (WxDxH)	53.5" x 30.5" x 48.25" (1,360 mm x 775 mm x 1,223 mm)
Weight	Approximately 595.25 lb./270 kg


GP-501 Multi Punch (Die Set DS-501, DS-502, DS-503, DS-504, DS-505, and DS-506)



Speed	Up to 80 sheets per minute
Punch Sheet Size	8.5" x 11"
Punch Edge	11
Paper Stock	20 lb. Bond to 80 lb. Cover, Letter/A4 and Letter/A4 Tab paper only.
Punch Capacity	Single Sheet
Power Supply	115V, 60Hz, Single Phase; NEMA 5-20R
Electrical	BTUs/Hour 1100BTU/HR; Watts 322W; Amps 2.8A
Safety	TUV/GS, CE
Dimensions	12"(W) x 30.5"(D) x 40"(H); (305 (W) x 775 (D) x 1,020 (H) mm)
Weight	Approx. 170 lbs. (80 kg)
Shipping Weight	Approx. 270 lbs. (123 kg)
Power source	Requires own electrical outlet (5-20R).

GP-502 Auto Ring Binder




Sheet size	8.5" x 11" 
Bind edge	11 inches
Book size (sheets)	Smallest: 5 body sheets (20 lb. Bond) + 2 covers (57 lb. Bond) Largest: 100 body sheets (20 lb. Bond) + 2 covers (57 lb. Bond)
Paper weight	Body: 20 to 32 lb. Bond Cover: 44 to 57 lb. Bond Tabbed paper: 44 lb. Bond max.
Bypass sheet size/weight	Same as main body
Punch capacity	Single sheet
Electrical	115 VAC 60 Hz, 2.2A
Safety	TUV/GS, CE
Dimensions	25.7 (W) x 37.1 (D) x 41.3 (H) inches
Weight	Approx. 403 lb.
Shipping weight	Approx. 514 lb.

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Specification & Installation

Paper Weight

Paper trays	Paper Weight (bond)
Tray 1 and 2 (Main body trays)	8.5" x 11", A4 or larger: 17 to 68 lb. 5.5" x 8.5", B5 or smaller: 17 to 56 lb.
Bypass Tray:	17 lb. bond to 81 lb. bond
Tray 4 and 5 (Paper Feed Unit PF-602)	Tray 4 (Upper tray): 17 lb. bond to 139 lb. index/256 gsm Tray 5 (Lower tray): 17 lb. bond to 81 lb. bond
Tray 4 and 5 (Paper Feed Unit PF-707) (S: Short Edge Feed )	Paper Size: SRA3, A3, B4, A4, B5, A5, 13" x 19", 12" x 18", 11" x 17", 9" x 11", 8.5" x 14", 8.5" x 11" Max. 330.2 mm x 487.7 mm, Min. 100 mm x 140 mm*1 Tab paper (A4, 8.5" x 11") Paper Type: Plain, Fine, Color, Coated, Envelope*2 Paper Weight: 62 gsm to 350 gsm Max. Tray Capacity: 4,630 sheets (80 gsm) Tray (upper / middle): 1,390 sheets Tray (lower tray): 1,850 sheets Power Source Supplied from the main body. Dimensions (WxDxH): 996 mm x 772 mm x 1038 mm / 39.21" x 30.39" x 40.87" Weight: 203 kg / 447.4 lb *1 For the paper whose width is less than 140 mm, use the small size guide. *2 Only upper tray supports envelopes.
Equipment	Paper Weight
Automatic Duplex Unit	17 lb. bond to 300 gsm
Finisher FS-521	Primary (Main) Tray: 13 to 81 lb. Secondary (sub) tray: 13 to 81 lb. Staple: 17 to 65 lb. (13 to 65 lb. bond using the post inserter on the FD-503 Folding Unit)
Folding Unit FD-503	Primary (Main) Tray: 13 to 81 lb. Secondary (sub) tray: 13 to 81 lb. Punch: 13 to 57 lb. Z-Fold, Tri-Fold-in, Tri-Fold-out, Half-Fold: 13 to 35 lb. Double Parallel, Gate Fold: 17 to 24 lb.
Post Inserter (attached to Folding Unit FD-503)	13 to 81 lb.
Large Capacity Stacker LS-505	Stacker: 17 to 65 lb. Secondary (sub) tray: 17 to 81 lb.
Saddle Stitcher SD-506	Fold & Staple, Trimming: 17 to 65 lb. Multi Half-Fold of 5 sheets: 17 to 22 lb. Multi Half-Fold of 3 sheets: 23 to 35 lb. Multi Half-Fold of 2 sheets: 36 to 65 lb. Multi Tri-Fold of 5 sheets: 16 to 20 lb. Multi Tri-Fold of 3 sheets: 23 to 24 lb. Secondary (sub) tray: 17 to 81 lb.
Output Tray OT-502	13 to 166 lb. index/300 gsm

Paper Trays/Exit Tray Capacity

Paper Trays	Capacity
Tray 1 and 2 (Main body trays)	500 sheets (21 lb.)/80 gsm 1000 sheets (21 lb.)/80 gsm
Bypass tray	250 sheets (21 lb.)/80 gsm
Tray 3 and 4 (PF-602)	6,000 sheets (21 lb.)/80 gsm
Tray 3, 4 and 5 (PF-707)	4,630 sheets (21 lb.)/80 gsm
Equipment	Capacity
Automatic Duplex Unit	Unlimited
Output Tray OT-502	150 sheets (21 lb.)/80 gsm
Finisher FS-531	Paper Capacity (80 gsm) Non-Sort Mode/Sort/Group Mode Max. 3,000 sheets (A4, B5, 8.5" x 11") Staple Mode <ul style="list-style-type: none"> • 2 to 9: 100 sets (Direction: 150 mm to 417 mm)/50 sets (Other) • 10 to 20: 50 sets • 21 to 30: 30 sets • 31 to 40: 25 sets • 41 to 50: 20 sets
Folding Unit FD-503	Secondary (Sub) tray Max. 200 sheets Primary (Main) tray (Normal/Punch) 500 sheets (21 lb.) (5.5" x 8.5", A5, B6) 2,500 sheets (8.5" x 11", 9" x 11", A4, B5) 1,500 sheets (13" x 19.2", 12" x 18", 11" x 17", 8.5" x 14", SRA3, SRA4, A3, B4) Primary (Main) tray (Fold) 30 sheets (21 lb. bond) Post Inserter Upper/Lower tray 500 sheets (21 lb.)
Large Capacity Stacker LS-505	Stacker Max. 5,000 sheets (21 lb.) 13" x 19.2", 12" x 18", 11" x 17", 8.5" x 14", 8.5" x 11", A3, B4, A4 Max. 3,000 sheets Coated paper which longer side is 380 mm or larger. Max. 2,000 sheets (21 lb.) B5, A5 Secondary (Sub) tray Max. 200 sheets (21 lb.)

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Specification & Installation

Paper Trays/Exit Tray Capacity (continued)

Saddle Stitcher
SD-506

Fold & Staple High Quality Paper (Pagination per one set)

17 to 22 lb. bond: 50 sheets or
49 sheets + 1 (53 lb./200 gsm cover)
23 to 24 lb. bond: 30 sheets or
29 sheets + 1 (53 lb./200 gsm cover)
25 to 35 lb. bond: 20 sheets or
19 sheets + 1 (53 lb./200 gsm cover)
36 to 42 lb. bond: 15 sheets or
14 sheets + 1 (53 lb./200 gsm cover)
43 to 56 lb. bond: 10 sheets
57 to 65 lb. bond: 5 sheets

Fold & Staple Coated Paper (Pagination per one set)

17 to 21 lb. bond: 30 sheets or
29 sheets + 1 (53 lb./200 gsm cover)
23 to 24 lb. bond: 15 sheets or
14 sheets + 1 (53 lb./200 gsm cover)
25 to 35 lb. bond: 10 sheets or
9 sheets + 1 (53 lb./200 gsm cover)
36 to 42 lb. bond: 5 sheets or
4 sheets + 1 (53 lb./200 gsm cover)

Fold & Staple Saddle Stitcher Tray Capacity

2 to 10-sheet-folded set: 50 sets
11 to 20-sheet-folded set: 30 sets
21 to 40-sheet-folded set: 20 sets
41 to 50-sheet-folded set: 15 sets

Trimming

Max. trimmed sheets: 50 sheets (21 lb. bond)
x 2, or 49 sheets (21 lb.) + 1 (53 lb./200 gsm
cover) x 2

Multi Half-Fold

3 sheets (23 to 35 lb. bond)
2 sheets (36 to 65 lb. bond)
Tray capacity: 30 sets (with full-load
detection activated)

Multi Tri Fold

Max. folded sheets:
3 sheets (23 to 24 lb. bond)
Tray capacity: 20 sets (with full-load
detection activated)








Finisher FS-612







Secondary (Sub) Tray:





200 sheets (21 lb. bond)

Primary (Main) tray

(straight delivery, offset delivery)

2,500 sheets (21 lb. bond): 8.5" x 11"  ,
A4  , B5  , 9" x 11" 

1,500 sheets (21 lb. bond): 12" x 18" ,
11" x 17" , 8.5" x 14" , A3 , B4 ,
Foolscap, SRA4 

500 sheets (21 lb. bond): 5.5" x 8.5"  ,
A5 , B6 

Primary (Main) Tray (Staple)

Tray capacity:

2-9 sheets stapled: 100 sets (paper length
417 mm or less), 50 sets (paper length
418 mm or more)

10-20 sheets stapled: 50 sets

21-30 sheets stapled: 30 sets

31-40 sheets stapled: 25 sets

41-52 sheets stapled: 20 sets

Number of stapled sheets per set:

50 sheets: Plain, Fine (17 to 21 lb. bond)

30 sheets: Color Specific, Coated
(17 to 21 lb. bond)

30 sheets: Plain, Fine (22 to 28 lb. bond)

16 sheets: Color Specific, Coated
(22 to 28 lb. bond)

Use recommended paper for Fine, Color
Specific, and Coated. The above folding
capacity applies to sets of 5.5 mm or less
in thickness. Up to two thick covers (53 lb)
can be included in the maximum number.

Fold/Staple Mode Tray:

Number of fold & staple sheets per set:

20 sheets: Plain, Fine (17 to 21 lb. bond)

20 sheets: Color Specific, Coated
(17 to 21 lb. bond)

20 sheets: Plain, Fine (22 to 28 lb. bond)

16 sheets: Color Specific, Coated
(22 to 28 lb. bond)

Tray capacity of fold and staple:

5 sheets folded and stapled: 20 sets

(20 pages x 20 sets = 400 pages)

20 sheets folded and stapled: 5 sets

(80 pages x 5 sets = 400 pages)

Number of half-fold: 3 sheets folded

(17 to 28 lb. bond)

Tray capacity of half-fold:

3 sheets folded: 33 sets (12 pages x 33 sets
= 396 pages)

Number of tri-fold: 1 sheet (17 to 28 lb. bond)

Tray capacity of tri-fold: Approx. 50 sheets

bizhub PRESS C1070/C1070P/C1060/C1060L Customer Expectation Guide

Specification & Installation

Paper Size

Paper Trays	Available Size
Trays 1 and 2 (Main body trays)	Standard Size: 12" x 18", 11" x 17", 8.5" x 14", 8.5" x 11", A3, B4, A4, B5 Available to detect SRA4, A4 or 8" x 13", 8.12" x 13.2", 8.25" x 13", 8.5" x 13" instead of 8.5" x 14", 8.5" x 11" □. Available to detect SRA3 instead of 13" x 19" Available to detect A5 instead of 5.5" x 8.5" Custom Size: Max. 12.99" x 19.17" (330 x 487 mm) to Min. 5.51" x 7.17" (140 x 182 mm) Tab Paper: 8.5" x 11", A4
Bypass Tray	Standard Size: 13" x 19", 12" x 18", 11" x 17", 8.5" x 11", SRA3, SRA4, A3, B4, A4, B5, B6 Custom Size: Max. 12.99" x 19.17" (330 x 487 mm) to Min. 3.94" x 5.83" (100 x 148 mm) Tab Paper: 8.5" x 11", A4
PF-602m Trays 3 and 4 PF-707 Trays 3, 4 and 5 (Paper Feeder Unit trays)	Standard Size: 13" x 19", 12" x 18", 11" x 17", 8.5" x 14", 8.5" x 11", 5.5" x 8.5", SRA3, A3, B4, SRA4, A4, B5, A5, B6 (A5 and B6 are only loaded in tray 5.) Custom Size: Tray 4 (Upper tray) Max. 12.99" x 19.17" (330 x 487 mm) to Min. 3.94" x 7.17" (100 x 182 mm) Tray 5 (Lower tray) Max. 12.99" x 19.17" (330 x 487 mm) to Min. 3.94" x 5.83" (100 x 148 mm) Tab Paper: 8.5" x 11", A4
Automatic Duplex Unit	Max. 12.99" x 19.17" (330 x 487 mm) to min. 3.94" x 5.51" (100 x 140 mm) Tab Paper: Unavailable
Finisher FS-531	Paper Capacity (80 gsm) Non-Sort Mode/Sort/Group Mode Max. 3,000 sheets (A4, B5, 8.5" x 11") Staple Mode <ul style="list-style-type: none"> • 2 to 9: 100 sets (Direction: 150 mm to 417 mm)/50 sets (Other) • 10 to 20: 50 sets • 21 to 30: 30 sets • 31 to 40: 25 sets • 41 to 50: 20 sets

Folding Unit FD-503

Secondary (Sub) Tray

Standard Size: 13" x 19", 12" x 18", 11" x 17", 8.5" x 14", 8.5" x 11", 5.5" x 8.5", SRA3, SRA4, A3, B4, A4, B5, A5, B6, A6
 Custom Size: Max. 13.03" x 19.21" (331 x 488 mm) to Min. 3.94" x 5.47" (100 x 139 mm)
 Tab Paper: 8.5" x 11", A4

Primary (Main) Tray (Normal)

Standard Size: 13" x 19", 12" x 18", 11" x 17", 8.5" x 14", 8.5" x 11", 5.5" x 8.5", SRA3, SRA4, A3, B4, A4, B5, A5, B6: 13" x 19" and B6 are available for straight output only.
 Custom Size: Max. 13.03" x 19.02" (331 x 483 mm) to Min. 3.7" x 5.47" (95 x 139 mm)
 Tab Paper: 8.5" x 11" (Only with the tab side ahead in output direction).

Punch (2 Holes)

Standard Size: 12" x 18", 11" x 17", 8.5" x 14", 8.5" x 11", 5.5" x 8.5", 9" x 11" SRA4, A3, B4, A4, B5, A5
 Tab Paper: 8.5" x 11", A4

Punch (3 Holes)

Standard Size: 12" x 18", 11" x 17", 8.5" x 11", A3, B4, A4, B5, 9" x 11", Tab Paper: 8.5" x 11"

Fold

Standard Size: 12" x 18", 11" x 17", 8.5" x 14", 8.5" x 11", SRA4, A3, B4, A4
 Custom Size: Max. 12.01" x 18.03" (305 x 458 mm) to Min. 8.27" x 10.98" (210 x 279 mm)
 Tab Paper: 8.5" x 11", A4

Post Inserter

Standard (detectable sizes): 13" x 19" □, 12" x 18" □, 11" x 17" □, 8.5" x 14" □, 8.5" x 11" □/□, 5.5" x 8.5" □, SRA3 □, A3 □, B4 □, A4 □/□, SRA4 □/□, B5 □/□, A5 □, Foolscap, Custom, Tab Paper
 Max. 13.03" x 19.02" (331 x 483 mm) to 7.17" x 5.472" (102 x 139 mm).

Changing list of covered/sheet size detected:

- ▶ A5 □ or 5.5" x 8.5" □
- ▶ SRA4 w and A4, 8.5" x 14" □ and 8.5" x 11" □, 8" x 13" □, 8.12" x 13.2" □, 8.25" x 13" □, or 8.5" x 13" □
- ▶ A3 □ or 12" x 18" □
- ▶ 8.5" x 11" □ or 9" x 11" □

Perfect Binding Covers (Require same setting made for custom sizes loaded in PFU. Standard sizes, Tab Paper sizes, and postcards are not supported):
 Max. 12.10" x 19.02" (307 x 483 mm) to min. 7.17" x 10.98" (182 x 279 mm)

continued

bizhub PRESS C1070/C1070P/C1060/C1060L Customer Expectation Guide

Specification & Installation

Paper Size continued

Large Capacity
Stacker LS-505

Stacker

Standard Size: 13" x 19", 12" x 18",
11" x 17", 8.5" x 14", 8.5" x 11", SRA3,
SRA4, A3, B4, A4, B5, A5
Custom Size: Max. 13.03" x 19.02"
(331 x 483 mm) to Min. 8.27" x 5.83"
(210 x 148 mm), Tab paper 1-15 Tabs*

*Output sets cannot be offset when including tabbed sheets.

Secondary (Sub) Tray











Standard Size: 13" x 19", 12" x 18",
11" x 17", 8.5" x 14", 8.5" x 11", 5.5" x 8.5",
SRA3, SRA4, A3, B4, A4, B5, A5, B6, A6,
9" x 11"
Custom Size: Max. 13.03" x 19.21"
(331 x 488 mm) to Min. 3.74" x 5.47"
(95 x 139 mm), Tab Paper (Only with
the tab side ahead in output direction).

Saddle Stitcher
SD-506

Secondary (Sub) Tray













Standard Size: 13" x 19", 12" x 18",
11" x 17", 8.5" x 14", 8.5" x 11", 5.5" x 8.5",
SRA3, SRA4, A3, B4, A4, B5, A5, B6, A6,
9" x 11"
Custom Size: Max. 13.03" x 19.21"
(331 x 488 mm) to Min. 3.74" x 5.47"
(95 x 139 mm), Tab Paper (Only with
the tab side ahead in output direction).

Fold & Staple/Trimming Function

12" x 18" , 11" x 17" , 8.5" x 14" ,
8.5" x 11" , SRA3 , A3 , B4 , SRA4 ,
A4 , B5 , Foolscap, Custom, Tab Paper
(only with the tab side ahead
in output direction)

Max. 12.76" x 18.23" (324 x 463 mm)
to min. 7.17" x 10.12" (182 x 257 mm)

Multi folding Function

Multi Half Fold: 12" x 18" , 11" x 17" ,
8.5" x 14" , 8.5" x 11" , SRA3 ,
A3 , B4 , SRA4 , A4 , B5 ,
Foolscap, Custom Max. 12.76" x 18.23"
(324 x 463 mm) to min. 7.17" x 10.12"
(182 x 257 mm) Multi Tri-Fold: 8.5" x 11" ,
A4 

Multi-Tri-Fold Tray

Standard Size: 12" x 18", 11" x 17",
8.5" x 14", 8.5" x 11", SRA3, SRA4, A3, B4,
A4, B5
Custom size: Max. 12.76" x 18.11"
(324 x 460 mm) to Min. 7.17" x 10.12"
(182 x 257 mm)

ADF Originals*

Normal Mode

Detectable Original Size

11" x 17", 8.5" x 14", 8.5" x 11", 5.5" x 8.5",
A3, B4, A4, B5, A6

Original Weight

Single-sided original: 13 to 57 lb. bond
(35 gsm to 210 gsm)

Double-sided original: 16 to 57 lb. bond
(50 gsm to 210 gsm)

Use the Thick original mode to copy
originals thicker than 56 lb. (210 gsm)

Use the Thin original mode to copy
originals thinner than 13 lb. (50 gsm)

Original Size

5.0" x 5.5" to 11.7" x 17.0" (128 x 139.7 mm
to 297 x 431.8 mm)

Feeder Capacity

100 sheets (21 lb.)

Curling Tolerance 10 mm or less

Original Placement Face up

Mixed Mode

Detectable Original Size

Two types of size combination are
determined by the ADF guide width.

11" x 17", 8.5" x 14", 8.5" x 11", and
5.5" x 8.5" mixed; 8.5" x 14", 8.5" x 11",
and 5.5" x 8.5" mixed

Original Weight

Single-sided original: 13 to 57 lb. bond
(35 gsm to 210 gsm)

Double-sided original: 16 to 57 lb. bond
(50 gsm to 210 gsm)

Use the Thick original mode to copy
original thicker 56 lb. (210 gsm)

Use the Thin original mode to copy
original thinner 13 lb. bond (50 gsm)

Feeder Capacity 100 sheets (21 lb.)

Curling Tolerance 10 mm or less

Original Placement Face up

Z-Folded

Original Mode

Detectable original size

11" x 17", 8.5" x 14", 8.5" x 11", 5.5" x 8.5", A3,
B4, A4, B5

Original weight

Single-sided original: 13 to 57 lb. bond
(35 gsm to 210 gsm)

Double-sided original: 16 to 57 lb. bond
(50 gsm to 210 gsm)

Use the Thick original mode to copy
original thicker 56 lb. bond (210 gsm)

Use the Thin original mode to copy
original thinner 13 lb. bond (50 gsm)

Original size

5.0" x 5.5" to 11.7" x 17.0" (128 x 139.7 mm
to 297 x 431.8 mm)

Feeder Capacity 100 sheets (21 lb.)

Curling Tolerance 10 mm or less

Original Placement Face up; orientation
same as copy paper

* Not available with the C1070P.

bizhub PRESS C1070/C1070P/C1060/C1060L Customer Expectation Guide

Specification & Installation

IC-308 Image Controller

Type	Server
CPU	Conforms with main unit specification
Memory	4 GB
HDD	1 TB
Page-Description Language	PostScript 3 (3019), PDF 1.7, PPML 2.2, APPE, Adobe 2.5, PCL 5/6 emulation
Printing Method	TCP/IP, SNMP, SMB, FTP, LPR, IPP, Bonjour
Applicable OS	Windows XP/Vista/7/8/Server 2003/Server 2008 Server 2008* ¹ Mac OSX 10.5/10.6/10.7/10.8
Interface	10/100/1000Base-T
Scanner Resolution	200/300/400/600 dpi
Data Format	PDF, TIFF, JPEG
Driver	Twain Plug-in

*¹ Including 64-bit versions.

IC-309 Image Controller*

Type	Server
CPU	Conforms with main unit specification
Memory	6GB (3GB System, 3GB Image)
HDD	3x 1 TB Hard Disk Drives
Page-Description Language	Adobe PostScript Levels 1,2, & 3, EPS, PDF 1.8, PDFX-1a, PDF/X3, PDF/X4, Adobe PDF/VT, JPEG (excluding JPEG2000), MS Office .doc; .xls; .ppt (via Microsoft Hot Folders), TIFF 6.0, TIFF/IT, PPML2.2, JDF, XPS, AFP/IPDS (with optional Trans Pack)
Printing Method	TCP/IP, SNMP, SMB, FTP, LPR, IPP
Applicable OS	Windows XP/Vista/7/8/Server 2003, Server 2008, Server 2013, Mac OSX 10.5-10.8
Interface	Ethernet (1000 BASE-T/100 BASE-TX/10 BASE-T) with IPv6
Scanner resolution	200/300/400/600 dpi

* Not available at time of launch..

IC-415 Image Controller

Type	Embedded
CPU	Conforms with main unit specification
Memory	2 GB
HDD	500GB SATA
Page-description Language	Adobe PostScript 3 (PS3019), (PDF 1.7), PCL 5/6 emulation
Printing Method	TCP/IP, SNMP, SMB, FTP, LPR, IPP, Bonjour
Applicable OS	Windows XP/Vista/7/8/Server 2003/Server 2008* ¹ Mac OSX 10.5/10.6/10.7/10.8
Scanner Resolution	200/300/400/600 dpi
Data Format	PDF, TIFF, JPEG
Driver	Twain Plug-in

*¹ Includes 64-bit. *² WHQL is not obtained for the PS PPD driver

IC-602 Image Controller

Type	AIO to the engine (Option)
CPU	Conforms with main unit specification
Memory	Max. 14 GB Details: 2 GB + 4 GB (Standard of the main body) + 4 GB (IC-602) + 4 GB (UK-104)
HDD	Max. 2 TB Details: 500 GB x3 (Standard of the main body) + 500 GB (UK-104)
Page-Description Language	Adobe PostScript 3 (PS3019), PDF direct print (PDF version 1.7), TIFF direct print (TIFF version 6 compliance), PPML (version 2.2), PCL-5c compatible, PCL XL (PCL6 version 3) compatible
Printing Method	Pserver (IPX/SPX), LPD/LPR (TCP/IP), IPP (TCP/IP), AppleTalk (EtherTalk), Bonjour (TCP/IP), Web service printing (TCP/IP), NPrinter/RPrinter (IPX/SPX), Raw Port (TCP/IP), SMB
Applicable OS	PS Plug-in Windows XP/Server 2003/Vista/Server 2008/8/Server 2012* ¹ Mac OSX 10.5/10.6/10.7/10.8 (PPC/Intel) PS PPD* ² Windows XP/Server 2003/Vista/Server 2008/8/Server 2012* ¹ Linux CUPS
Interface	Ethernet (1000BASE-T/100Base-TX/10Base-T) with IPv6, USB
Scanner Resolution	200/300/400/600 dpi
Data Format	PDF, TIFF, JPEG, XPS
Driver HDD	Twain Driver, Real Time Mode Twain Driver

*¹ Includes 64-bit. *² WHQL is not obtained for the PS PPD driver.

Security Strengthen Mode

The following items will have enhanced security.

Machine NIC Setting

While the Security Strengthen mode is activated, available function is limited to CS Remote Care.

External Access Prohibited

No access is allowed over telephone lines other than CS Remote Care.

Create, Save and Analyze an Audit Log

A history of security function operations will be created and saved. Date and time, information identifying the person who made the operation, details of the operation, and results of the operation will be saved, enabling analysis of unauthorized access. This log will be overwritten if the audit area is depleted.

Machine Manager Authentication

A service representative will set up an authentication data for a machine manager. The machine manager must input a password to gain authorized access. Only one authentication string can be registered per machine.

Machine Manager Setting Mode

If the Machine Manager Setting mode has been entered by successful Manager authentication, the setting change of various machine functions will be available on the machine. Be sure to exit the Machine Manager Setting mode if you leave in front of the machine while using the Machine Manager Setting mode.

Enhanced Passwords

There are five different passwords provided for security functions:

- CE Authentication Password
- Administrator Password
- User Password
- Account Password
- HDD Lock Password (when optional HD-514 Hard Disk Kit is installed).

Security Functions

SECURITY MODE

The bizhub PRESS C1070/C1070P/C1060/C1060L have two security modes.

Normal Mode

Use this mode when the machine is used by a single person and there is low possibility of illicit access or operation. This mode is already set as factory default. To use the machine in normal mode, refer to the user's guides provided for each operation.

Enhanced Security Mode

Use the Enhanced Security mode when the machine is connected to a local area network, or to external networks through a telephone line or other means. An administrator determined for the machine management should follow the instructions in this guide, so that users can have a safe operating environment.

To use the Enhanced Security mode, contact your service representative for the following settings.

A service representative should set a CE password for CE authentication and administrator password on the machine. The service representative uses the CE password for CE works. The administrator, who obtains the administrator password from the service representative, uses that password to make settings related to the Enhanced Security mode.

The administrator should never leak the administrator password out to others.

The administrator who acquired the administrator password manages the machine set up with the Enhanced Security mode by making settings in the following order:

1. Turning On/Off the Enhanced Security Mode
2. HDD Lock Password
3. Adding/Changing/Deleting Registered Users

The administrator is also responsible in providing users with the following instructions:

- Never leak his/her password out to others.
- Be sure to log out when completing the machine operation after logging in upon the user

Please be sure to use the Enhanced Security mode to prevent unauthorized access to HDD.

With the Enhanced Security mode activated, the machine displays a security icon  in the lower right area of the touch panel.

The security icon disappears when the Enhanced Security mode is deactivated. If the administrator accidentally deactivates the Enhanced Security mode, contact your service representative. You should ask a customer engineer (CE) to check the security environment and settings before activating the Enhanced Security mode again.

ENVIRONMENT

Environment in which the Enhanced Security Mode is Recommended

An environment where the machine is monitored by a telephone line or a network.

Creating a Secure Environment

For security, we recommend that supervisors and an administrator use the Enhanced Security mode and establish an environment as follows.

Secure print files and authentication print files are not encrypted during transmission from a client PC to the machine. Implement measures against wiretapping, such as installing a cryptographic communication device or antibugging equipment, in order to protect secure print files and authentication print files.

- Qualifications to be an administrator: A supervisor selects a reliable person who has adequate knowledge, technical ability, and experience as an administrator, to whom to delegate administration of the machine.
- Guarantee of customer engineer (CE): A supervisor or an administrator can use the Enhanced Security mode after confirming that a service contract has been signed with a customer engineer (CE). Clearly state in the service contract that the customer engineer (CE) will not engage in any fraudulent actions.

continued

bizhub PRESS C1070/C1070P/C1060/C1060L Customer Expectation Guide

Specification & Installation

Creating a Secure Environment continued

- **Secure LAN:** Be sure to connect the machine to a local area network protected by firewall in order to prohibit access from external networks. Be also sure not to have any illicit device connected to the LAN.
- An administrator should designate the installation location to be available only for product users. Install the machine in a place securely locked during the night, and during the day in a place that allows the administrator to monitor the machine, so that any parts such as an HOD should not get stolen or any special device such as an internal analyzer should not be hooked up to the machine. Equipment removed from the main body, such as an HOD, should also be managed similar to the main body.
- An administrator is required to be present at customer engineer (CE) works such as installation or maintenance.
- An administrator should check at regular intervals that the date/time setting is correctly made on the machine.

DESCRIPTION OF ENHANCED SECURITY MODE

Security functions will be enhanced as follows.

Protecting and Deleting of Remaining Data After Being Used

There are two types of Image data stored in memory or HDD: AHA compressed data and uncompressed data, which are TIFF format, PDF format, and PS data. The image area of memory or HDD with AHA compressed data is released after clearing the used data. In normal mode, the data is not completely deleted, which may allow for unauthorized reading of the data. In Enhanced Security mode, the image area of memory or HOD is overwritten with data unrelated to the image before the area is released, irrespective of whether the stored image data is compressed.

Enhanced Passwords

There are 5 different passwords provided for security functions.

- CE password
- Administrator Password
- User Password

The CE password and administrator password should be comprised of 8 alphanumeric characters (the alphabetic characters are case-sensitive).

The account password should be made from 1 to 8 alphanumeric characters (case-sensitive).

The user password is normally made from 1 to 64 alphanumeric characters (case-sensitive); however, the user password less than 8 characters cannot be used in the Enhanced Security mode. If you enter 64 or more characters, the last entered character will be identified as the 64th character.

The HDD lock password should be made from 8 to 32 alphanumeric characters (case-sensitive). If you enter 32 or more characters, the last entered character will be identified as the 32nd character.

As for the CE password, administrator password and account password, the machine recognizes the last entered character as the eighth character if 8 or more characters are entered.

The machine in the Enhanced Security mode also refuses any entry for 5 seconds, if a wrong password is entered for one of the 5 passwords mentioned above.

Should you forget any security-related password, take action as follows depending on the type of password.

- For a user password or account password, please contact your administrator.
- If you have forgotten the administrator password or HDD lock password, please contact your service representative.

We recommend that each password should be changed on a regular basis in order to prevent illicit access or falsification of data.

Data Access

Ensure that a user is required to enter an enhanced password which has been set by the administrator, in order to save data into the user box stored in HDD or output the stored data.

bizhub PRESS C1070/C1070P/C1060/C1060L Customer Expectation Guide

Specification & Installation

Paper Considerations

Paper Size Conversion Chart

Paper	Letter	Letter R	Legal	Tabloid	Statement	Statement R
Measurement	8.5" x 11"	11" x 8.5"	8.5" x 14"	11" x 17"	5.5" x 8.5"	8.5" x 5.5"

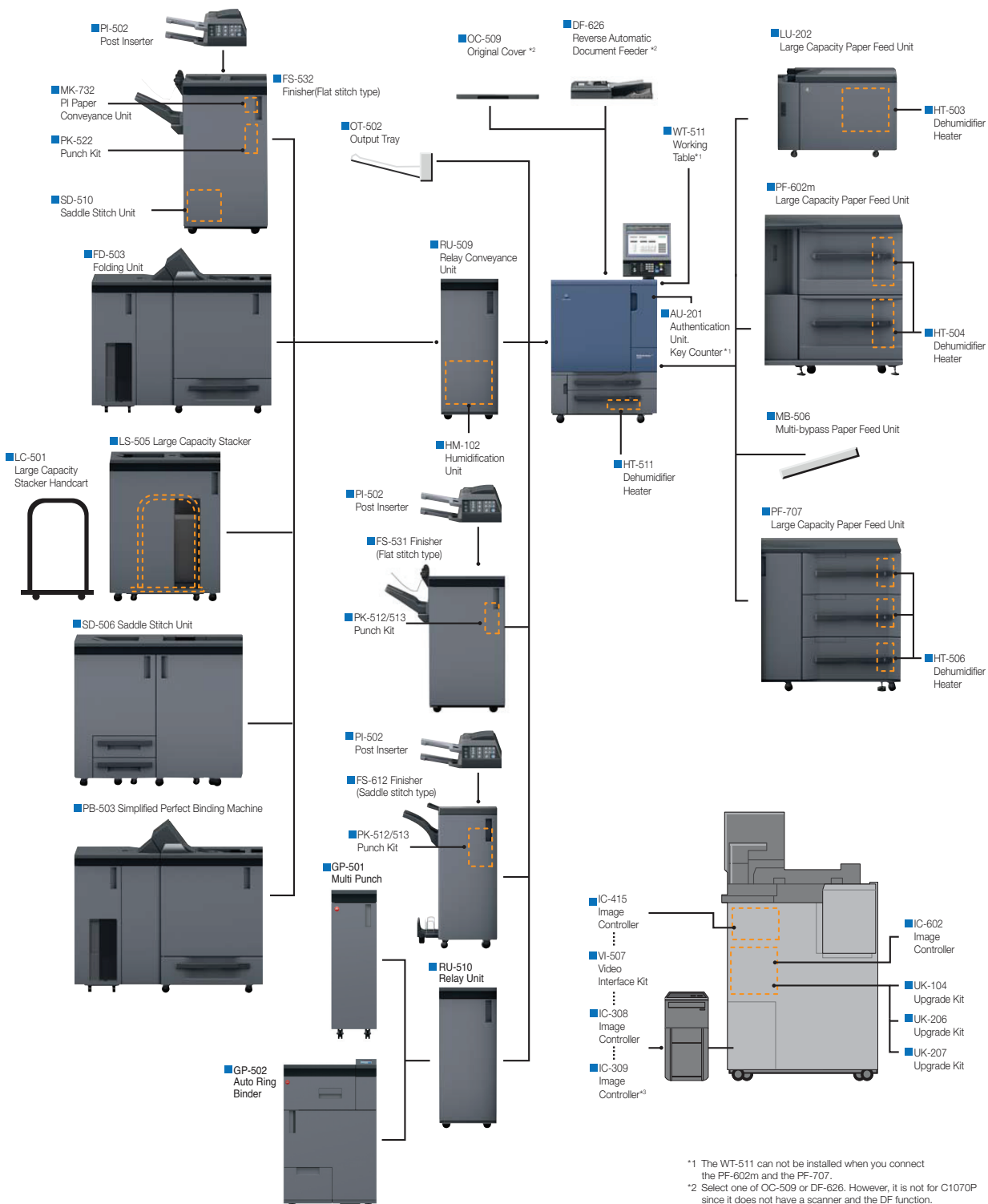
Paper Weight Conversion Chart

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	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	50	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

bizhub PRESS C1070/C1070P/C1060/C1060L Customer Expectation Guide

Specification & Installation

How to Build a System for the bizhub PRESS C1070/C1070P/C1060 Digital Printer/Copier/Scanner (from start to finish)



*1 The WT-511 can not be installed when you connect the PF-602m and the PF-707.

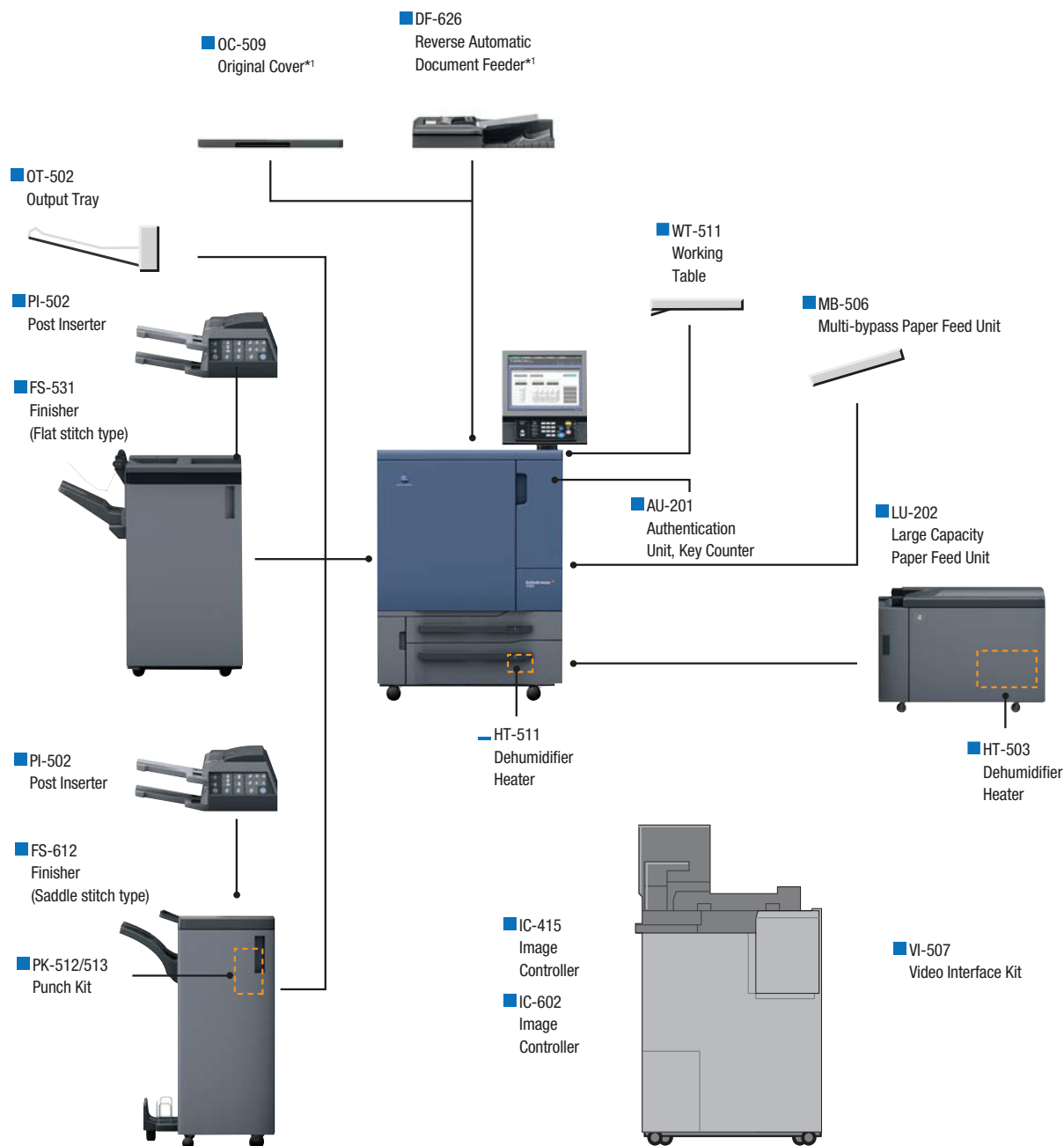
*2 Select one of OC-509 or DF-626. However, it is not for C1070P since it does not have a scanner and the DF function.

*3 Not available at time of launch.

bizhub PRESS C1070/C1070P/C1060/C1060L Customer Expectation Guide

Specification & Installation

How to Build a System for the bizhub PRESS C1060L Digital Printer/Copier/Scanner (from start to finish)



*1 Select one of OC-509 or DF-626. However, it is not for C1070P since it does not have a scanner and the DF function.

bizhub PRESS C1070/C1070P/C1060/C1060L Customer Expectation Guide

Specification & Installation

Accessory Options for bizhub PRESS C1070/C1070P/C1060/C1060L Digital Color Printer

ACCESSORIES	ITEM NO.	DESCRIPTION	NOTES
BASE UNIT			
C1070	A50U011	C1070 Printer/Copier/Scanner	
C1070 (GSA)	A50U012	C1070 Printer/Copier/Scanner	
C1060	A50V011	C1060 Printer/Copier/Scanner	
C1060 (GSA)	A50V012	C1060 Printer/Copier/Scanner	
C1060L	—	C1060L Printer/Copier/Scanner	
DOCUMENT HANDLING			
DF-626	A0HUWY2	Automatic Document Feeder	
OC-509	A128WY2	Original Cover	
PAPER SUPPLY/CABINET OPTIONS			
HT-503	A0410Y0	Heating Unit for LU-202	<i>Conditions moist paper</i>
HT-504	A0410Y1	Heating Unit for PF-602	<i>Conditions moist paper</i>
HT-506	A1RKWY1	Heating Unit for PF-707	<i>Conditions moist paper</i>
LU-202	A03WWW0	Large Capacity Tray	<i>2,500 sheet capacity (for Entry version).</i>
PF-602m	A0U4WY2	Large Capacity Paper Feed Unit	<i>6,000 sheet capacity (2 x 3000).</i>
PF-707	A55CWY1	Air Suction Paper Feed Unit	
OUTPUT OPTIONS			
FD-503	A0H0W11	Folding Unit	<i>6 fold types (half, gate, z, double parallel, letter-in, letter-out), 2/3-hole punch, post inserter</i>
FS-531	A2A4WY1	Finisher (Flat Stitch Type)	<i>3,100-sheet output capacity, 50-sheet stapling.</i>
FS-532	A4F3WY2	Finisher (Flat Stitch Type)	
FS-612	A1TVWY1	Finisher (Saddle Stitch Type)	<i>2,700-sheet capacity. 50-sheet stapling. 20-sheet (80 page) booklets.</i>
HM-102	A2A3WY2	Humidification Unit	<i>Paper Humidifying Kit for both the front and back sides of the page to uniformly make curl adjustments.</i>
LS-505	A0H1W22	Large Capacity Stacker	<i>5,000-sheet capacity, includes roll-away cart.</i>
MB-506	A57WWY1	Bypass Tray	
OT-502	A0430Y2	Output Tray	<i>Required when no finisher is attached.</i>
PB-503	A15XW11	Simplified Perfect Binding Unit	<i>Perfect bind up to 300 sheets. 600 pages with printed and trimmed cover.</i>
PI-502	A04HWY2	Post Inserter for FS-612/531	<i>Provides post insertion functionality to FS-612 Booklet Finisher.</i>
PK-512/PK-513	A04F0Y0	Punch Kit	<i>Provides 2/3-hole punch for FS-612 Booklet Finisher.</i>
PK-522	A4AW12	Punch Kit for FS-532	
RU-509	A2A2W13	Relay unit	<i>Required on PRESS configurations that include FS-521 See configuration section.</i>
SD-506	A0H2WY2	Saddle Stitch Unit	<i>Up to 50-sheets (200-pages) with face trim.</i>
CONTROLLER OPTIONS			
IC-308	A5UTWY1	External EFI Fiery Controller	
IC-309	—	External Creo Controller	
IC-415	A5URWY1	Bustled EFI Fiery Controller	
IC-602	A5A90Y1	Internal Konica Minolta Own Controller	<i>For C1070, C1070P and C1060.</i>
ADDITIONAL OPTIONS			
WT-511	A57UWY1	Working Table	

bizhub PRESS C1070/C1070P/C1060/C1060L Customer Expectation Guide

Specification & Installation

Accessory Options for bizhub PRESS C1070/C1070P/C1060/C1060L Digital Color Printer

CONSUMABLES*

CONSUMABLE	ITEM NO.	DESCRIPTION	YIELD
DV614C	A3VX900	Developing Unit – C	1,200K
DV614M	A3VX800	Developing Unit – M	1,200K
DV614Y	A3VX700	Developing Unit – Y	1,200K
DV614K	A3VX600	Developing Unit – K	1,200K
DU105	A5WH0Y0	Drum Unit	C1070/C1070P: 460K C1060: 410K
DU106	A5WJ0Y0	Drum Unit	C1060L: 410K
TN619C	A3VX430	Toner – C	C1070/C1070P/C1060: 78K
TN619M	A3VX330	Toner – M	C1070/C1070P/C1060: 54.5K
TN619Y	A3VX230	Toner – Y	C1070/C1070P/C1060: 71K
TN619K	A3VX130	Toner – K	C1070/C1070P/C1060: 60K
TN620C	A3VX431	Toner – C	C1060L: 70K
TN620M	A3VX331	Toner – M	C1060L: 49K
TN620Y	A3VX231	Toner – Y	C1060L: 64K
TN620K	A3VX131	Toner – K	C1060L: 60K
MS-5C	4448121	Staples (for FS-612)	5,000 x 3 pkg/case
SK-601	A4F714YH	Staples (for SD-506)	5,000 x 3 pkg/case
SK-602	A4F714YK	Staples (for SD-531)	5,000 x 3 pkg/case
GC-501	A080WY1	Hotmelt Glue	300 Books**
RB-101	A4F7WY1	Ring Bind	—
DS-501	A0NAW11	Die Set	—
DS-502	A0NCW11	Die Set	—
DS-503	A0NDW11	Die Set	—
DS-504	A0NEW11	Die Set	—
DS-505	A0NFW11	Die Set	—
DS-506	A0NGW11	Die Set	—
DS-507	A0NHW11	Die Set	—

* Based on 5% total coverage.

** Yield based on 100 letter-sized sheets.

Notes

Partnership.

Konica Minolta can help give shape to your ideas and partner with you to achieve your corporate objectives. Contact us to realize opportunities in:

Information Management

Enterprise Content Management (ECM)

Document Management

Automated Workflow Solutions

Business Process Automation

Security and Compliance

Mobility

IT Services

Application Services

Cloud Services

IT Security

Managed IT Services

IT Consulting & Projects

Technology

Office Multifunction Business Solutions

Commercial and Production Printers

3D Printers

Wide Format Printers

Laptops, Desktops and Computer Hardware

Servers and Networking Equipment

Optimized Print Services (OPS)

Facilities Management



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06/09/2015-A



EngageIT Variable Data. One to One Marketing Made Easy.

personalization

Innovation. EngageIT Variable Data is a new, professional suite of variable data printing (VDP) software tools from Konica Minolta that has been tightly integrated with the Adobe® InDesign® page layout application. The EngageIT VDP modules provide sophisticated variable data printing and data publishing features, with a built-in feature set that provides a great solution for automating production work. The result? Unique, personalized output that's easy to execute and fully supported on all Konica Minolta and other digital presses. Innovative solutions to help you work smarter—one more way we give shape to ideas.



Seamless Integration with Adobe InDesign for Streamlined Production Quality

All EngageIT VDP modules work within the Adobe InDesign application, allowing variable elements to be added to any InDesign document. Using a very simple panel interface, the user can easily define variable elements anywhere on the page. EngageIT VDP can merge text, picture, multi-line article or even full page information using data taken from practically any source. The data is merged directly into InDesign layouts to produce unique, personalized output in a variety of file and VDP formats.

The entire process is menu-driven, very flexible, and incredibly easy to use. Most importantly, because EngageIT VDP utilizes the Adobe InDesign composition engine, your VDP designs are completely unrestricted. Every feature supported by InDesign is also supported by EngageIT, including type on a curve, runarounds, multi-page composition, kerning, tracking, drop caps and transparency, just to name a few.

EngageIT VDP also includes the CopyFit™ Module, which provides advanced, on-the-fly copy fitting capability (to remedy overset text problems), Sequencing capability, allowing the creation of multi-up “Cut & Stack” output, and the EngageIT Rules Module, which can be used to implement sophisticated conditional logic (if/then/else) processing. Everything is menu-driven, and there is absolutely no coding language to learn.

EngageIT VDP Desktop or VDP Pro: Choose the Version That's Best for Your Needs

EngageIT VDP Desktop

The EngageIT VDP Desktop product provides a robust VDP toolset at a very reasonable price. The product can process an unlimited number of database records, and produce multi-page variable output in PDF or PDF/VT format. EngageIT VDP Desktop offers a full feature set, including rules-based conditional processing, automatic copyfitting, multi-up and “Cut & Stack” support, plus unlimited design capability. Built-in support for USPS Intelligent Mail bar coding is also included. The Desktop product is perfect for producing postcards and other direct mail pieces, as well as production work such as consecutive numbering and bar coding.

EngageIT VDP Pro

EngageIT VDP Pro is the professional edition, which provides up to 20% better output performance, and includes a number of other advanced features. These additional features include master page swapping, embedded variables and style tags, rules-based frame and page controls, and support for automated or custom processes using the EngageIT Scripting Module. In addition to these features, the Pro version also offers more VDP output formats, including PDF, PDF/VT, PPML, VPS and Optimized PostScript. If maximum performance is paramount, and support for virtually any print device is desired, then the EngageIT VDP Pro edition is for you.

Features

- Works directly with the Adobe InDesign application to provide advanced VDP features
- Supports all Adobe InDesign styling and typographic features (runarounds, type on a curve, transparency, etc.)
- Easily handles hundreds of variable text, article and picture links per document
- Utilizes a simple, intuitive, menu-driven user interface (no programming required)
- Incorporates easy to use step-and-repeat capability for multiple-up layouts
- Built-in consecutive numbering
- Provides on-the-fly copy fitting of overset text frames
- Includes advanced preview, preflight and testing features
- Output is fully supported on all Konica Minolta and other digital presses



Built-in Features Included with EngageIT VDP Software

EngageIT CopyFit Module

What happens when your data contains too many characters to fit within the assigned space? CopyFit to the rescue! CopyFit works with EngageIT VDP to detect and remedy text “overflow” conditions within a variable text frame. The overset text is tweaked according to a set of user-defined rules until the text “just fits” within the frame area, all in real time during a EngageIT merge session.

EngageIT Rules Module

This module provides powerful, conditional processing (if-then-else) features. Rules provide the ability to perform specific actions based upon the contents of one or more database fields. The interface for the Rules Module is completely menu-driven, with absolutely no need to “hand code” conditional statements, and the Rules Module also includes several unique testing features that allow the user to interactively preview and check their Rules using live data.

Multi-Up Layouts with “Cut & Stack”

Using the unique EngageIT VDP “sequencing” feature, users have the freedom to design multi-up layouts for any VDP job. Support for “Cut & Stack” layouts is also provided.

Consecutive Numbering

One of the major strengths of EngageIT VDP software is our built-in consecutive numbering features, which make numbering jobs such as tickets and labels a snap.

Exclusive! EngageIT VDP Pro Pack

All Konica Minolta EngageIT VDP software licenses include at no extra cost the EngageIT VDP Pro Pack. This special suite of add-on utilities provide quick solutions to certain VDP challenges. The Pro Pack currently includes support for advanced title case conversion, removing empty table rows, deletion of overflow page areas, and embedding variable hyperlinks in PDF files. New features are being added to the Pro Pack on a regular basis—if you have a suggestion, please let us know!

High-Performance Print Drivers

All of the built-in EngageIT VDP print drivers generate VDP output files that have been optimized for Konica Minolta presses. Support for both PPML and VPS is provided, as well as standard PostScript and PDF/VT output. And if you are running the Pro edition, our unique “job chunking” feature ensures the fastest possible throughput for all VDP jobs.



Industry-Specific Applications

- **Digital Printers:** Automate production tasks, such as multi-up consecutive numbering and bar coding and provide personalization and customization services to your customers. Produce everything from business cards and name badges, to fully customized brochures, direct mail pieces, and other marketing collateral
- **Retailers:** Automate the production of store signage, shelf tags, coupons and related material
- **Financial Institutions:** Create updated fund statements and fact sheets, customized prospectus data and other financial documents
- **Catalogers:** Create customized catalog page layouts and product specification sheets

EngageIT VDP Optional Modules

Linear (1D) Bar Code Module

The Linear Bar Code Module can be used to produce fully variable bar codes in any of the following formats: PostNet, USPS Intelligent Mail, Codabar, CODE 128, CODE 39, EAN-13, Interleaved 2 of 5, JAN-13, MSI-Plessey, UPC-A, UPC-E, ISBN.

The data for each Bar Code can be specified in any database field, or created by a rule. During the merge, EngageIT VDP extracts the data, automatically encodes it, and then places the fully composed bar code into the document.

2D Bar Code Module

The 2D Bar Code Module provides support for a number of popular 2D bar coding formats, including QR Code, PDF 417 and Data Matrix. Like the Linear Bar Code module, the 2D module is fully integrated with EngageIT VDP, allowing the user to produce 2D Bar Codes directly from any database field or rule. EngageIT VDP software also provides support for “embedded variables”, which is key to producing complicated QR Code encodings like the VCARD format, which has become very popular for applications such as business cards.

GroupPicture Module

This powerful module allows a user to save Adobe InDesign grouped objects in self-contained, external files. The grouped objects can be referenced as variable elements, and can be imported just like you would a picture file. When the file is imported, all of the links in the group are updated as well. This module is fantastic for business cards, coupons, or even swapping out full-page variable information. The module is tightly integrated with EngageIT VDP, and can also be controlled with the Scripting Module.

Price Style Module

The Price Style Module is designed to format variable pricing data, which is a common requirement in retail applications. The Price Style Module allows you to apply custom formatting to prices when they are merged into a document. In addition, this module allows you to format a price conditionally, depending upon the value of the price. The user can create more than one Price Style format and apply any number of them to EngageIT VDP links within a document. This module is great for catalog, point of purchase, store signage and shelf tag applications.

Scripting Module

This module is available for EngageIT VDP Pro only. The Scripting Module can be used to completely automate EngageIT VDP software, and can also be used to create custom “Actions” that are triggered by a EngageIT VDP rule. With custom Actions, virtually any element of the InDesign document can be modified during a merge. This module is a must-have for all EngageIT VDP power users!

features

EngageIT Variable Data

Base Software Capability	Desktop	Pro
Works with Adobe InDesign for both Mac and Windows	✓	✓
Full support for variable text and images	✓	✓
Supports an unlimited number of database records	✓	✓
Unlimited composition features (variable type on a curve, runarounds, rotation, etc.)	✓	✓
Menu-driven rules support for text and images (no hand-coding required)	✓	✓
Automatic copy fitting of overset text, or fully expand text to fill a frame	✓	✓
Multi-up layout features with "Cut & Stack" support	✓	✓
Longest and shortest line testing	✓	✓
Data preflight report to check for missing images and articles	✓	✓
Step-through print preview features with live data view	✓	✓
Multiple global search paths for images and articles	✓	✓
Supports Pantone® and custom colors for text, style sheets and frames	✓	✓
Advanced page layout features (facing pages, continuous text flow across pages, etc.)	✓	✓
Built-in sequential numbering features and utility	✓	✓
Includes full USPS Intelligent Mail Bar Coding support	✓	✓
Complete setup is saved with each document (critical for archiving and support)	✓	✓
Output directly to PDF and PDF/VT	✓	✓

Pro-Only Features

Special "VDP Optimizer" feature for improved performance on VDP jobs	✓
Additional print driver support (PDF, PDF/VT, Optimized PostScript, VPS and PPML)	✓
Separate fixed and variable data streams as document layers	✓
Unique "Page Sets per Job" feature allows jobs to be printed in chunks for faster output	✓
Variable article support (an article file contains multi-paragraph, styled text)	✓
Variable master page support (apply master pages or remove pages using page rules)	✓
Variable frame support (change color of frames or delete frames using box rules)	✓
Unlimited support for the EngageIT VDP "Build Document" feature	Limited ✓
Control output filename or PDF name via database field or conditional logic	✓
Allow text "styling tags" and "embedded variables" to be included in variable data	✓
Full support for EngageIT scripting API (for automation projects and custom actions)	✓

Optional Module Support (all modules require a separate purchase)	Desktop	Pro
Linear Bar Code Module (supports UPC, Code 128, Code 39 and more)	✓	✓
2D Bar Code Module (supports QR Code, Data Matrix, and PDF 417 bar codes)	✓	✓
GroupPicture Module (provides support for variable layouts and groups)	✓	✓
Price Style Module (automatically styles incoming pricing data)	✓	✓
Scripting Module (used to control EngageIT and develop automation projects)	✓	✓

Partnership.

Konica Minolta can help give shape to your ideas and partner with you to achieve your corporate objectives. Contact us to realize opportunities in:

Information Management

Enterprise Content Management (ECM)
Document Management
Automated Workflow Solutions
Business Process Automation
Security and Compliance
Mobility

IT Services

Application Services
Cloud Services
IT Security
Managed IT Services
IT Consulting & Projects

Technology

Office Multifunction Business Solutions
Commercial and Production Printers
3D Printers
Wide Format Printers
Laptops, Desktops and Computer Hardware
Servers and Networking Equipment
Managed Print Services (MPS)
Facilities Management



KONICA MINOLTA

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CountOnKonicaMinolta.com

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Item #: ENGAGEITVDPBRO
5/2015-C



KONICA MINOLTA

SPECTACULAR COLOR AT TIME-SAVING SPEED

IC-308 EXTERNAL IMAGE CONTROLLER

For Konica Minolta's bizhub PRESS C1100, C1085, C1070, C1070P and C1060, this powerful Fiery Image Controller is a perfect solution – with outstanding color, fast processing, variable data capability and time-saving workflow that controls your labor costs for higher profitability on every job.

Operators at all skill levels will have simple control of your production output for accurate, repeatable color – the kind that keeps customers and corporate clients coming back for more. Your staff will be able to edit images without modifying the original files, create ICC profiles to match monitors or output devices, produce prepress proofs and calibrate to maintain consistent color through long press runs. Count on the IC-308 to realize the full color potential of your bizhub PRESS production printer – and get the job done right.



THE IC-308 IMAGE CONTROLLER IN ACTION



SPECIFICATIONS

ENGINE SUPPORT:

Konica Minolta bizhub PRESS C1100, C1085, C1070, C1070P, C1060
Supports engine finishing devices

HARDWARE AND PLATFORM:

Intel® Core™ i5-2400 Processor
3.1 GHz up to 3.4 GHz with Turbo Boost
Quad Core
4 GB RAM
1 TB HDD
Internal DVD-RW Drive
6 USB 2.0 Ports: 2 Front, 4 Rear
Fiery FS100 Pro
Windows® 7 Professional for Embedded Systems x64

FILE FORMAT SUPPORT:

Adobe® PostScript®
PDF/X-1a, 3 and 4
Encapsulated PostScript (EPS)
MS Office document formats: doc, xls, ppt, pub (via Fiery Hot Folders)
Optional File Format Support: JPEG, DSC 2.0, CT/LW, 1-bit TIFF, TIFF, TIFF/IT, PDF2Go

POWER SUPPLY AND CONSUMPTION:

Auto-switching: 100-240 VAC
50/60 Hz, 6 Amps @ 100 VAC, 3 Amps @ 240 VAC
Maximum Power Usage: 350 W
Typical Power Usage: 125 W
Dimensions: 19.2"(H) x 8.4"(W) x 14"(D) / 488mm (H) x 212mm (W) x 482mm (D)

EFFICIENT WORKFLOW TO MEET TIGHT DEADLINES.

The IC-308 Image Controller gives you complete control of bizhub PRESS operation with professional-grade color management tools. While RIPing a job or a page, your controller begins spooling the next job immediately to optimize production time by keeping your printer engine running. Advanced queue management minimizes bottlenecks and reduces downtime.

COMMAND WORKSTATION SIMPLICITY.

A simple, intuitive interface allows operators to prepare jobs and manage color at the IC-308 server station or from remote desktop PCs. Faster command sequences require fewer keystrokes to minimize the touches that can slow production – and page-by-page preview allows you to catch errors, reduce reprints and keep work flowing. It's easy to perform make-ready for printing multiple pages in booklet style – and you can add Fiery software options with advanced imposition and make-ready tools.

VARIABLE DATA PRINTING TO GROW YOUR BUSINESS.

The IC-308's variable data printing capabilities enable you to offer customers personalized output for brochures, flyers, billing inserts and cross-platform communications that draw increased response rates. Fiery FreeForm gets you started – and you'll have support for industry-leading formats such as PPML, PDF/VT, and VDP composition software.

SYSTEM INTEGRATION TO INCREASE YOUR PRODUCTIVITY.

With certified JDF compliance, the IC-308 integrates with EFI management information and Web-to-Print systems to reduce touch points in production. Native end-to-end PDF workflow speeds processing and supports upstream publishing automation. The IC-308 also integrates seamlessly with industry-leading 3rd-party workflow solutions and dozens of products from JDF partners.



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Konica Minolta Optimized Print Services offers a full suite of device output services and workflow solutions that increase efficiency and control costs. Please contact your authorized Konica Minolta sales representative for details.

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Fiery® Advantage Solutions and Training

Maximize Your Uptime with FAST!

A Fast Track offering from EFI to help you with optimizing your investment in Fiery workflow

Fiery Advantage Solutions and Training (FAST) offers you instant access to multiple EFI expert resources when it matters the most. For as low as \$30 a month, you will have direct access to a EFI Fiery genius to help you with your Fiery workflow questions, eLearning classes and priority response on the Fiery Forum.

FAST maximizes your uptime and keeps you printing. Increase your productivity and sign up today.

FAST Benefits

- Direct phone and email access to a Fiery genius
- 12 Fiery eLearning courses - a \$300 value
- Fiery Forum priority response
- Fiery Technical Bulletin subscription for the latest tips and tricks
- Fiery customer portal for the latest Fiery knowledge base
- Discount on EFI e-Store purchase



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** Annual contract required. You will receive an email notification 60 days before the contract expires. The contract will be automatically renewed unless you contact EFI at 888.334.8650, option #1 or Fierysupport@efi.com.

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Konica Minolta bizhub PRESS C1070

71 PPM COLOUR PRODUCTION PRINTER

★★★★★	Media Handling
★★★★☆	Productivity
★★★★★	Image Quality
★★★★☆	Ease of Use
★★★★★	Job Management

OCTOBER 2015

EUROPEAN EDITION

Testing Method: The unit was evaluated at the manufacturer's facility over an intensive three-day test period during which 31,167 impressions were printed spanning 10 different media types, including coated and uncoated stocks, with weights ranging in weight from 70gsm to 300gsm and in size from A4 to SRA3. All test files were submitted using a Windows workstation.

Tested Configuration: Engine with latest firmware as of test date (August 2015) driven by the external IC-308 EFI Fiery controller and equipped with the PF-707 paper feed unit, SD-506 booklet-maker, RU-509 relay unit and FS-531 staple finisher. Jobs were submitted using the PostScript driver or imported into EFI Command Workstation 5.0.

Ratings are based on a five-star system where five is the best. An overall rating for production devices is awarded only for devices that have undergone a full BLI lab test, during which, over the course of five weeks, with the device running a full eight hours every day, BLI evaluates reliability, image quality consistency over the course of the test, media registration drift and other media-handling issues.

More information on the Konica Minolta bizhub PRESS C1070 is available through bliQ (www.buyerslab.com/bliQ).



Performance Summary

The Konica Minolta bizhub PRESS C1070 is a member of a new family of colour PRESS devices ranging in speed from 60 to 100 ppm. While on the surface the device may seem to share many similarities to its predecessor, the bizhub PRESS C7000, the bizhub PRESS C1070 offers a number of noteworthy enhancements under the hood. Whilst still at a disadvantage compared with a leading competitor, significant productivity improvements include its ability to maintain full engine speed on media up to 176gsm—which had been a stumbling block with the C7000—and much improved duplex throughput speeds on A3 and SRA3 media.

On the image quality front, the device features an expanded automated inline colour density checking capability, adding RGB linearization checking technology to the CMYK checking technology which had been available with the previous generation product. The bizhub PRESS C1070 produced very good results in BLI's colour drift tests, with a maximum drift of only Delta 3.5 on uncoated media and Delta 4.4 on coated paper. It also deliv-

ered superb fine line and text reproduction which was judged to merit BLI's coveted five-star rating, with the largest advantage being seen on white lines against solid black backgrounds. In addition, a new toner is designed to offer more fade resistance and superior colour reproduction.

Media handling, already a strong point on Konica Minolta's light-volume colour products, has been improved on the bizhub PRESS C1070 with the addition of suction feeding, which aids with consistent feeding of coated and heavy-grade media from the PF-707 paper feed unit. Prior to this, suction feeding capability was available only on Konica Minolta's mid-volume devices. As with the previous-generation product, the build quality of the C1070 is rugged, with production-class paper feed units throughout rather than the more customary combination of sturdy large-capacity trays and lightweight "office-copier style" trays under the main engine as found on rival devices.

Although the bizhub PRESS C1070 displayed slightly higher levels of slowdown than its predecessor over the course of its hour-long production runs, running at 96.1% and 95.7% of engine speed in the simplex and duplex A4 tests, respectively, it still delivered higher levels of efficiency than competing units. In other areas of productivity, the unit still lags behind some leading competitors, especially with heavier grade media. While the EFI controller delivered very good processing speeds when handling BLI's 1,600-page RIP test file, the device output the job at just 78.8% of its engine speed, which is well below that of rival devices. However, the C1070 is capable of switching between light and heavy media within a print job much more quickly compared to some rival devices, which will be a welcome boost to productivity when producing documents with printed covers and inserts involving different media types.

Aided by the intuitive EFI workflow suite and the excellent integration between the media catalog on the device and the EFI DFE, the Konica Minolta bizhub PRESS C1070 delivers good overall ease of use. As with most devices, misfeeds that occur in the engine assembly are difficult to remove, but unlike some competitors, the bizhub PRESS C1070 lacks an engine flushing capability which can greatly reduce jam removal times and speed up time to recovery. The procedure for jam removal is, however, aided by well-documented instructions on the touchscreen panel and on each device panel, backed up with clear visual walk-throughs for all major end-user replacement procedures, including for toner, waste toner and staples amongst others. Conveniently, the EFI Tracker feature provides the operator with real-time information on the device, the queue and how the engine is performing.

The system's very good job submission options include the robust feature set of the EFI controller's print driver. In addition to the standard print and hold queue driver route, the EFI controller offers the options of job submission via hot folder, virtual print queues and direct import via a USB host port on the controller. Command WorkStation 5.3 also provides very good queue management and print-on-demand capabilities. EFI's optional Impose and Compose production print utilities provide extensive imposition options and advanced preflight layout capabilities, respectively.

Advantages

- Best fine line reproduction seen to date by BLI, especially white lines on solid backgrounds
- Best text reproduction seen to date by BLI, especially white text on a solid background
- Very good colour consistency results in BLI's colour drift test
- Range of controller options including internal and external EFI, external CREO and internal Konica Minolta controllers
- Ability to set up registration on a media-type basis with intuitive instructions
- Wide range of screen options including six dot screens, three line screens and three stochastic screen patterns
- Excellent integration between device and EFI controller media catalogs
- Inline CMYK and RGB density checking via the relay unit
- Separate fuser with flat nip point designed to improve envelope printing
- Cleaning feature after jam removal, allowing operators to ensure no fuser marks caused by misfeeds appear on printed output
- Dehumidifier and pre-heat media features assist with handling of offset media
- Humidifier option helps to reduce rippling and paper curl
- Rugged build quality throughout the device
- Duplex printing supported for weights up to 300gsm
- High paper input and output capacities facilitate long production runs
- Extensive finishing options including 30mm perfect bind, 50-sheet saddle-stitch booklet-making (200-page booklet), inline ring-binding and die-based hole punch

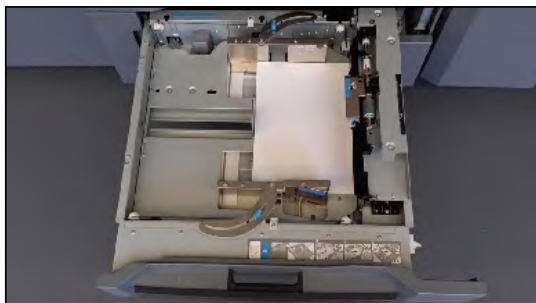
Shortcomings

- Slower A3 and SRA3 simplex speeds than a leading rival
- Engine is less productive with heavier grade media than most competitors
- Large magenta and black density variance during high coverage workflows
- Below average RIP test productivity, delivering only 78.8% of engine speed
- More limited combination of finishing and output options than some competitors
- Only three screen options are immediately available from the print driver and DFE, with additional settings accessed via administrator settings which is more time consuming
- Lack of engine purge facility results in longer delays when removing misfeeds



Media Handling

- The system supports media sizes from A5 up to 330mm x 487mm (13" x 19" plus), which is on par with competing units.
- + The bizhub PRESS C1070 offers excellent integration between the device and RIP media catalogs; media catalog entries created at the device by the operator are recognized by the Fiery controller, unlike with many competitors.
- + Duplex printing is supported for media up to 300gsm whereas several competing devices support duplex printing on media up to 220gsm.
- + The device supports coated media down to 81gsm which can be fed from all trays whereas some competing devices limit coated paper to specific trays while others can handle coated paper only in heavier weights of over 100gsm. The C1070's optional PF707 paper feed unit has the added benefit of air assist and suction-feed technology, ensuring superior handling of coated media.
- Konica Minolta provides an optional envelope fusing unit (EF-103) which it claims offers an improved ability to handle envelope printing due to a flat fuser nip point. The operator can switch between the standard and envelope fuser unit. (This feature was not tested by BLI during its evaluation.)
- The unit's maximum A4 media input capacity of 7,500 sheets is lower than that offered by some competing units.
- + All trays support A3 media, which gives the device a larger A3 capacity than most competitors which utilise tandem A4 trays.



Friction fed 500-sheet paper tray



Air assisted high capacity feed unit

- + All but the 500-sheet tray support SRA3 media, giving the device a maximum SRA3 capacity of 6,500 sheets, which again is considerably more than that of most competing units.
- + Support for 256gsm media is provided through all trays, with 300gsm media supported via the optional PF-707, PF-602n and LU-202 paper feed units.

- + The bizhub PRESS C1070's maximum output stacking capacity of 10,000 sheets (via the twin LS-505 large-capacity stacking units installed in tandem) is higher than that of many competing units.



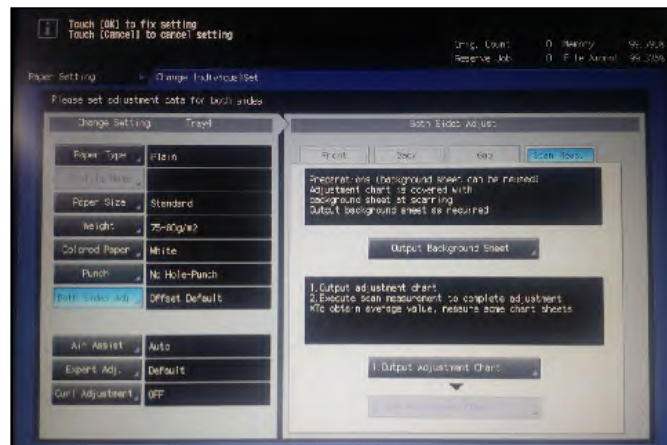
5000-sheet stacker

- + The dehumidifier/pre-heat unit option allows for improved handling of media optimized for offset presses; such media can prove difficult for digital engines to handle consistently due to its different characteristics.
- + The humidifier (HM-102) de-curling option is designed to improve the appearance of printed output by reducing curl and rippling.
- + Users of the bizhub PRESS C1070 may choose from an extensive array of inline bindery finishing options, including a 200-page saddle-stitch booklet-maker, a 30mm perfect binder, an inline ring binder and a GBC die-punch.
- + The optional envelope fuser module provides a flat nip point (contact area between fuser rollers and paper), which Konica Minolta claims improves the quality of fusing envelopes versus traditional fusers which have a curved nip point. BLI did not test this function during its evaluation.
- + Changing media settings at the device is an intuitive procedure. Users simply select "paper settings" on the main screen of the device's touchscreen display, then select the tray, amend the paper settings and save. The media change is automatically updated to the EFI controller instantaneously.

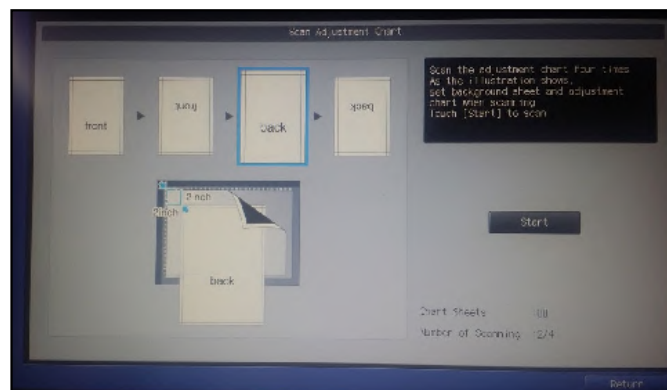


Paper settings

- Registration, image shift and front-to-back zoom ratios may be found within the media setting programming menu. Registration can be adjusted either manually by programming the image shift, entering adjustments in 0.1mm steps, or by using a print mode function, whereby a device target is printed and the user is prompted to enter a series of dimensions on the front and back side of printed output. Users can also change curl settings, air-assist levels and other media-handling attributes from the media setting menu. The media can then be stored with all the custom settings for later reuse. Custom media are also available for selection from the EFI media catalog, avoiding the need for operators to submit jobs based on paper source as is the case with some rival devices.
- Tray level front-to-back image adjustment can be edited via two methods—the manual adjustment method described above or by using a chart adjustment utility. This prints a double-sided image which the operator places on the platen in four orientations with a scan on each occasion. The device makes automatic adjustments to front to back registration and prints an amended target sheet. The user can now confirm the amendment is sufficient or repeat the process to gain tighter registration. BLI found the process to require two to three scans to get good registration, with each scan process taking circa one minute. While this is an improvement on manual programming it is not as user friendly as an automated registration utility offered by one competitor.
- + All the trays are solidly built, with strong steel guides and thumbscrews in a sliding slot, which allows for quick media size changes. This is in contrast to many competitive devices which offer lighter build quality paper drawers under the engine assembly that are more prone to damage over time.
- Paper is loaded face down in Trays 1 and 2, whilst it's loaded face up in the LCT options. This could be confusing and result in errors, especially when using side-sensitive media such as pre-printed forms and one-sided coated media.
- Only one small icon per paper tray is available on the touchscreen to indicate remaining paper levels. Some competing devices include LEDs on each tray that can be seen from a distance.



Printing the chart for registration adjustment



Instructions for scanning registration adjustment charts

- + A paper tray cannot be opened while actively feeding the paper path which avoids the potential for jams that can occur on some rival devices. Any tray not actively feeding the paper path can be opened and refilled during device operation, which allows for uninterrupted print workflow.
- + Banner printing up to 1200mm is supported on the Pro version of the device, a function not matched by rivals devices.



Productivity

- + The device is capable of running 24-hour shifts with virtually no downtime thanks to its uninterrupted paper and toner refill and dual stacker unload options.
- + Routine adjustments, recalibrations and cleaning routines were kept to a minimum during BLI's hour-long productivity tests, with the device delivering a very good 96.1% and 95.8% of its rated A4 engine throughput speed in simplex and duplex modes, respectively, which is higher than that delivered by two of its closest competitors.
- The device drops in speed from 71 ppm to 51 ppm when printing on uncoated media above 176gsm. This is a marked improvement over the predecessor (the bizhub PRESS C7000) which suffered the same drop with even lighter media—106gsm. However, the speed reduction occurs at a lower media weight than it does with two leading competitors, whose speeds decline from peak rate at weights above 221gsm in one case and 300gsm in the other.
- The engine drops a further 16 ppm with media above 256gsm, outputting the heaviest supported media at 35 ppm, which is considerably slower than its closest competitors.
- + The device is able to switch fuser temperature settings quickly, which has a major positive effect on productivity when switching between heavy or coated stock and uncoated standard weight stocks in a print run. Some competing devices suffer from more significant productivity decreases when handling this type of media-switching workflow.
- The device does not support flushing of sheets from the engine after a paper jam occurs in the input or output feed path areas. Consequently, the operator must access the engine assembly during jam removal which lengthens the time-to-ready interval due to the fuser needing to cool. One leading competitor flushes its engine assembly, thus limiting the need for operators to access the engine during the misfeed removal process.
- Unlike its predecessor, the bizhub PRESS C1070 did not show any drop in productivity when switching between trays feeding the same media type.
- + Fully loaded with paper input and output options, the device can run unattended for more than 6.88 hours, producing a maximum of 30,000 A4 impressions (two-up double-sided on A3 media) before attention is required (based on BLI's tested productivity results), which compares favorably to many competitors.
- With A3 simplex workflow on 80gsm media, the device operated at 33.33 ppm, which equates to 66.66 ppm two-up A4 productivity, which is slower than its A4 media-handling speeds. In contrast, one leading competitor offers higher productivity when printing in two-up formation compared to its A4 speeds.
- With SRA3 simplex workflow on 80gsm media, the device operated at 31.81 ppm, which equates to 63.62 ppm two-up A4 productivity, which, again, is lower than its A4 media-handling speeds. In contrast, one leading competitor offers higher productivity when printing in two-up formation. However, it is much faster than another close competitor, whose speed decreases significantly when handling SRA3 sizes.

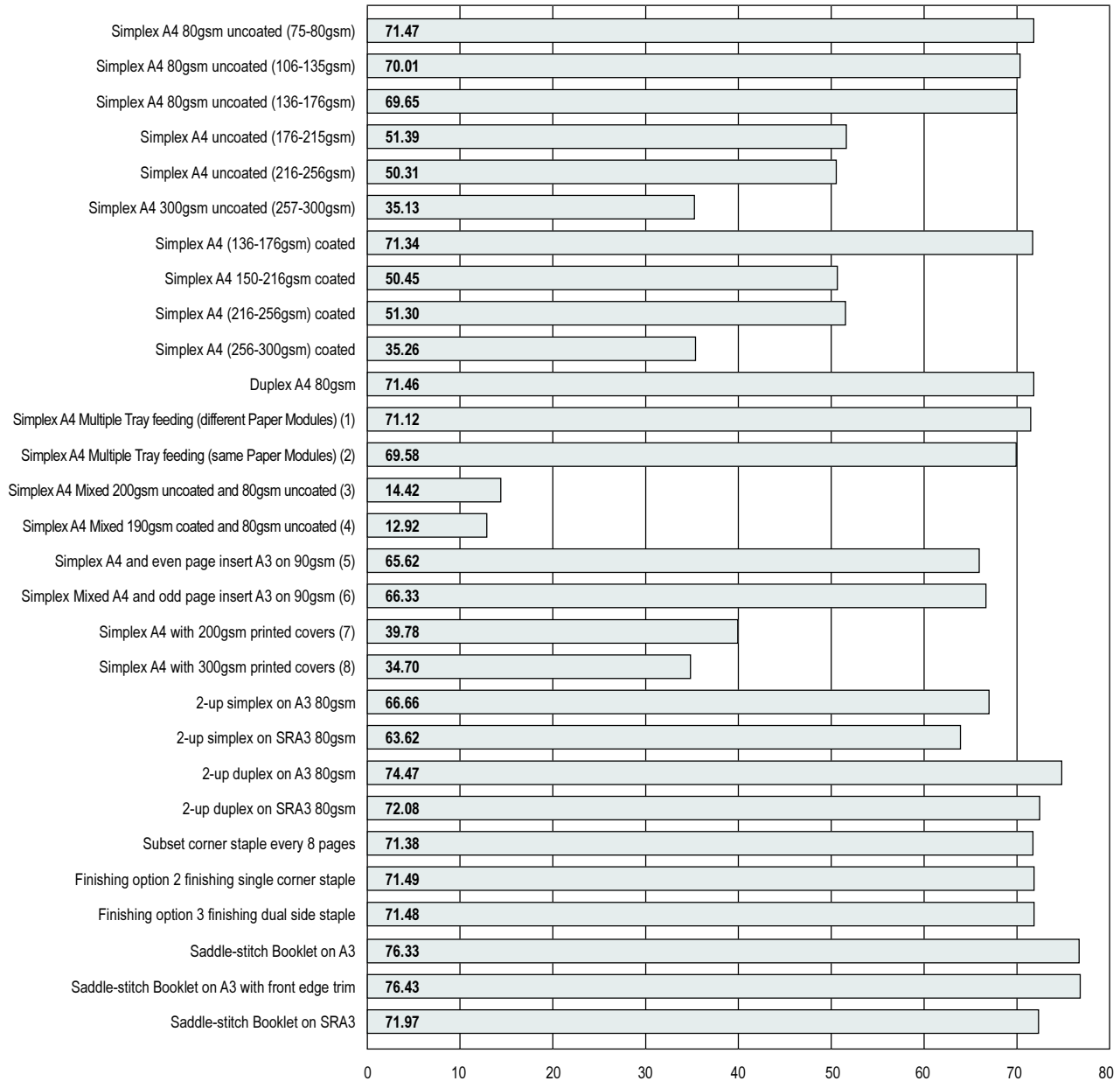
- + With A3 and SRA3 duplex workflows on 80gsm media, the device operated at 37.23 ppm and 36.04 ppm, respectively, which equates to 74.46 ppm and 72.08 ppm two-up A4 productivity, respectively, delivering faster two-up productivity versus its A4 throughput speeds. These results place the device close to a leading competitor and well ahead of another, especially with SRA3 workflow.
- The EFI controller's RIP productivity when handling BLI's large 1,600-page test file was disappointing. Although the RIP time of 3 minutes was competitive with that of rival units, its throughput time after first page out was only 56 ppm (78.8% of rated engine speed), with the device suffering from pauses during printing even after RIPPING had been completed.
- + BLI's RIP job stream, which involves releasing seven high-resolution A3 files at once, each with a native PDF file size of 200 MB, was handled very well by the EFI controller. It output the seven single-page high-resolution files in 86 seconds in 1200-dpi mode, outperforming all competing units tested to date by BLI.
- + The controller's Suspend on Mismatch feature automatically checks the media specified in each job and sidelines any jobs that cannot be started based on media loaded in the device—a valuable feature that can reduce downtime and increase productivity.
- + Using the Quick DocMerge feature, the operator can group jobs employing the same settings into a single merged job, which allows the Fiery controller to process jobs scheduled for print more efficiently.
- + Using Fiery Command WorkStation on any PC on a network, operators and managers can view the current queue and see if the device has a problem, which helps to prevent delays in reacting to downtime.

Maximum Throughput Speeds

	Number of Clicks Achieved in Hour	A4 Impressions per Minute	Number of Operator Intervention Steps	Number of Forced Device Stoppages
A4 Simplex	4,093	68.22	0	0
A4 Duplex	4,079	67.98	0	0
A3 Simplex	2,013	67.10	0	0
A3 Duplex	2,180	72.69	0	0
SRA3 Simplex	1,873	62.43	0	0
SRA3 Duplex	2,116	70.53	0	0

Maximum throughput speed over the course of an hour is tested using single-page test documents. The test device is fully loaded with the media and toner supplies prior to job commencement and the stacker(s) emptied. Timing starts after the first page has been output to remove processing and initiation time. Operator intervention times are classified as paper and toner changes and stacker emptying based on a fully loaded cut-sheet device. Forced device stoppages are classified as events that stop the device pending operator intervention such as a stacker unload. In the event that a forced stoppage is required, BLI operators wait until the "stacker full" message appears, then unload the stacker immediately to minimize the delay period.

Maximum Throughput Speed Across Multiple Workflows



RIP Efficiency Analysis - Simplex 1,600 page NASA test file sent twice as single set jobs

In BLI's media impact on productivity test, 5 sets of a 48-A4-image job are sent to the device, with throughput time assessed between sets 2 and 5. Images are reduced in the print file to compensate for inserts and oversized images in certain jobs, as specified below.

- (1) p1, p10, p20, p30, p40, p48 printed from different paper decks, both trays loaded with 80gsm paper
- (2) p1, p10, p20, p30, p40, p48 printed from the same paper deck, both trays loaded with 80gsm paper
- (3) p1, p10, p20, p30, p40, p48 printed on 200gsm media
- (4) p1, p10, p20, p30, p40, p48 printed on 190gsm coated media
- (5) p10, p20, p30, p40 printed on A3 media, both trays loaded with 80gsm paper (printed document size submitted reduced to 44 pages to maintain 48-page-A4-impression size)
- (6) p11, p21, p31, p41 printed on A3 media, both trays loaded with 80gsm paper (printed document size submitted reduced to 44 pages to maintain 48-A4-impression document size)
- (7) p 1 and p 48 printed on 200gsm uncoated media
- (8) p 1 and p 48 printed on 300gsm uncoated media

RIP Efficiency Analysis - Simplex 1,600-Page NASA Test File

	Time to Release From PC (secs.)	RIP Time (secs.)	Time to First Page Out (secs.)	Time for Job Completion (secs.)	Time From Job Release to Final Page (ipm)	Time From First Page Out to Final Page (ipm)
Simplex 1,600-page NASA test file printed on to A4 80gsm	N/A	181.03	13.06	1,713.52	56.03	56.47
Simplex 1,600-page NASA test file sent twice as single-set jobs printed on to A4 80gsm*					56.26	56.52

* BLI analysts noted no delays between the completion of the first job and the beginning of the second job.

Testing of RIP time, imposition handling and first-set-out time is conducted using a 1,600-page PDF with high-resolution images and text elements running throughout the file. The file is sent to the paused PostScript driver print queue at the desktop where the job is allowed to spool completely prior to release, removing the test PC's impact from the test process. Various stages through the job cycle are recorded as seen in the table above. The job is then repeated, this time with the same job spooled twice at the print queue. The queue is released again and the times are again recorded. The times for the second set are taken from the moment the data starts to be fed to the RIP (i.e., when the job first shows the printing message in the print queue).

★★★★☆ Image Quality

Halftones	★★★★☆
Fine Lines	★★★★★
Text	★★★★★
Solid Darkness	★★★★☆
Colour Consistency	★★★★☆
Mixed-Page-Element Handling	★★★★☆
Overall Visual Assessment	★★★★☆

- + Fine line reproduction in default mode (screen set to Dot 190) was of the highest quality seen to date by BLI, with crisp lines and curves down to 0.25 pt. across all colours evaluated in the test. The biggest advantage the device has versus the competitors BLI has tested is in reverse black fine line printing, where white lines on a solid black background were crisp, well defined and of consistent thickness.
- + The same class-leading results were seen in text reproduction, with clear definition of all text sizes and colours down to the 3-pt.-level size. Specifically, it displayed a clear advantage when printing small fonts in white on black backgrounds, especially with serif fonts, in which the bizhub PRESS C1070 is the only device to have produced all the letters clearly defined down to the 3-pt.-level size.
- + Mean colour drift across BLI's corporate Pantone logo colour test document on uncoated media was Delta E 2.0, which is lower than that seen with rival units tested by BLI.

- + Peak colour drift across BLI's corporate Pantone logo colour test document on uncoated media was Delta E 3.5, which is better than that seen with rival units tested by BLI.
- + Mean colour drift across BLI's corporate Pantone logo colour test document on coated media was only Delta E 2.4, which is among the best in class based on BLI tests.
- Peak colour drift across BLI's corporate Pantone logo colour test document on coated media was Delta E 4.4, with only one of the 12 target colours (Fedex green) falling outside the Delta E 4.0 target value. While not quite as impressive as the Konica Minolta bizhub PRESS C7000—which delivered all colours inside Delta E 4.0—the results are still good when compared to some rival devices.
- The device can be equipped with an optional relay unit, which has a built-in densitometer that enables linearization quality control. At the time of BLI's tests the bizhub PRESS C1070's relay unit did not allow the operator to set a frequency for auto-calibration; instead, the operator could set the device to perform checks before print runs, after media changes, or manually. Konica Minolta advises that firmware has now been updated to allow the operator to program the frequency to run mid print run.
- + The device offers a clean cycle, which prompts the operator to flush the system with blank sheets after the removal of a jam to ensure that no dust or paper remnants remain in the paper path.
- + Halftone curves were reproduced to a high standard on coated paper, with smooth gradation from light to dark across all four primary colours.
- Halftone curves on uncoated paper were less smooth than on coated media, with the black curve rising very steeply at the higher density regions.
- Solid output in all four primary colours displayed a rich, smooth appearance. Peak optical densities on coated and uncoated media were competitive for magenta and yellow, higher than the competitive average for black, and lower than average for cyan.
- When printing BLI's 100% solid coverage 100-sheet test run, cyan and yellow colours showed density variance over the print run on a par with other competing devices. Magenta showed slightly higher levels of variance than output produced by competitors on uncoated paper, whilst black output showed significantly higher levels of variance, especially on the uncoated media, where an optical density variance of 0.37 was measured throughout the print run. This is in contrast to the excellent results obtained from the Konica Minolta bizhub PRESS C7000 which showed a variance of only 0.13.
- + The general appearance of greyscale output in default mode produced by the Konica Minolta bizhub PRESS C71070 on both coated and uncoated media was very good; photographic images had a smooth appearance and displayed very good detailing in light and dark contrast areas.
- + Overall depth of field and crispness of fine details was very good, and is greatly improved over that of the previous-generation product.

SUPPORTING TEST RESULTS

100% Solid Black Coverage Density Measurements

	190gsm Uncoated Media	200gsm Coated Media
Min. Optical Density	1.60	1.84
Max. Optical Density	1.97	2.10
Average Optical Density	1.79	1.97
Variance	0.37	0.26

BLI assessed solid black reproduction of a 100% coverage document using the default device and driver conditions over the course of a 100-sheet print run. The BLI test target was sent to print on 190gsm UPM DIGI Color Laser A3 uncoated media and 200gsm UPM DIGI Finesse A3 coated media, with density readings taken at nine different locations on the printed output on the 1st, 50th and 100th page using an X-Rite 508 densitometer.

Front-to-Back Solid Black Density Measurements

	190gsm Uncoated Media	200gsm Coated Media
Front-Page Average	1.87	2.06
Back-Page Average	1.91	2.02
Deviation	0.05	0.07

Measurements are taken on test prints produced using default settings on both uncoated and coated paper using an X-Rite 508 densitometer. Measurements are based on 15 readings spaced across the long edge of an A3 test chart. The higher the density measurements, the darker the image. Density measurements are taken on both the front and back of printed samples, with the front sample being a single-page file and the back printed sample being a duplex print of a two-page test chart with page one blank. An average across the 15 results for each test chart is recorded, along with the mean deviation from the average. The larger the deviation, the greater the difference in density across the page.

100% Solid Cyan Coverage Density Measurements

	190gsm Uncoated Media	200gsm Coated Media
Min. Optical Density	1.11	1.38
Max. Optical Density	1.24	1.51
Average Optical Density	1.18	1.44
Variance	0.13	0.13

BLI assessed solid cyan reproduction of a 100% coverage document using the default device and driver conditions over the course of a 100-sheet print run. The BLI test target was sent to print on 190gsm UPM DIGI Color Laser A3 uncoated media and 200gsm UPM DIGI Finesse A3 coated media, with density readings taken at nine different locations on the printed output on the 1st, 50th and 100th page using an X-Rite 508 densitometer.

Front-to-Back Solid Cyan Density Measurements

	190gsm Uncoated Media	200gsm Coated Media
Front-Page Average	1.14	1.41
Back-Page Average	1.16	1.41
Deviation	0.04	0.04

Measurements are taken on test prints produced using default settings on both uncoated and coated paper using an X-Rite 508 densitometer. Measurements are based on 15 readings spaced across the long edge of an A3 test chart. The higher the density measurements, the darker the image. Density measurements are taken on both the front and back printed samples, with the front sample being a single-page file and the back printed sample being a duplex print of a two-page test chart with page one blank. An average across the 15 results for each test chart is recorded, along with the mean deviation from the average. The larger the deviation, the greater the difference in density across the page.

100% Solid Magenta Coverage Density Measurements

	190gsm Uncoated Media	200gsm Coated Media
Min. Optical Density	1.24	1.42
Max. Optical Density	1.44	1.56
Average Optical Density	1.37	1.51
Variance	0.20	0.14

BLI assessed solid magenta reproduction using the default device and driver conditions over the course of a 100-sheet print run, using a 100% coverage document. The BLI test target was sent to print on 190 gsm UPM DIGI Color Laser A3 uncoated media and 200gsm UPM DIGI Finesse A3 coated media, with density readings taken at nine different locations on the printed output on the 1st, 50th and 100th page using an X-Rite 508 densitometer.

Front-to-Back Solid Magenta Density Measurements

	190gsm Uncoated Media	200gsm Coated Media
Front-Page Average	1.25	1.44
Back-Page Average	1.35	1.44
Deviation	0.09	0.03

Measurements are taken on test prints produced using default settings on both uncoated and coated paper using an X-Rite 508 densitometer. Measurements are based on 15 readings spaced across the long edge of an A3 test chart. The higher the density measurements, the darker the image. Density measurements are taken on both the front and back printed samples, with the front sample being a single-page file and the back printed sample being a duplex print of a two-page test chart with page one blank. An average across the 15 results for each test chart is recorded, along with the mean deviation from the average. The larger the deviation, the greater the difference in density across the page.

100% Solid Yellow Coverage Density Measurements

	190gsm Uncoated Media	200gsm Coated Media
Min. Optical Density	0.92	0.99
Max. Optical Density	0.99	1.04
Average Optical Density	0.96	1.02
Variance	0.07	0.05

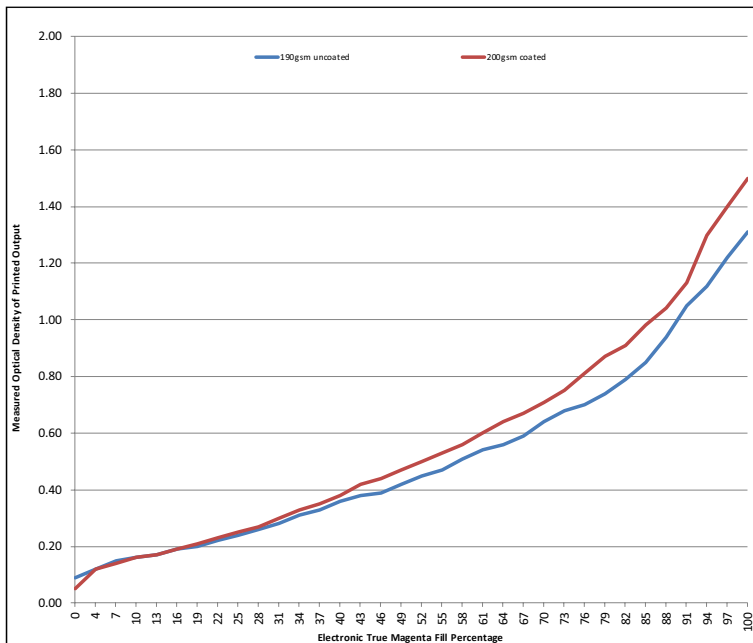
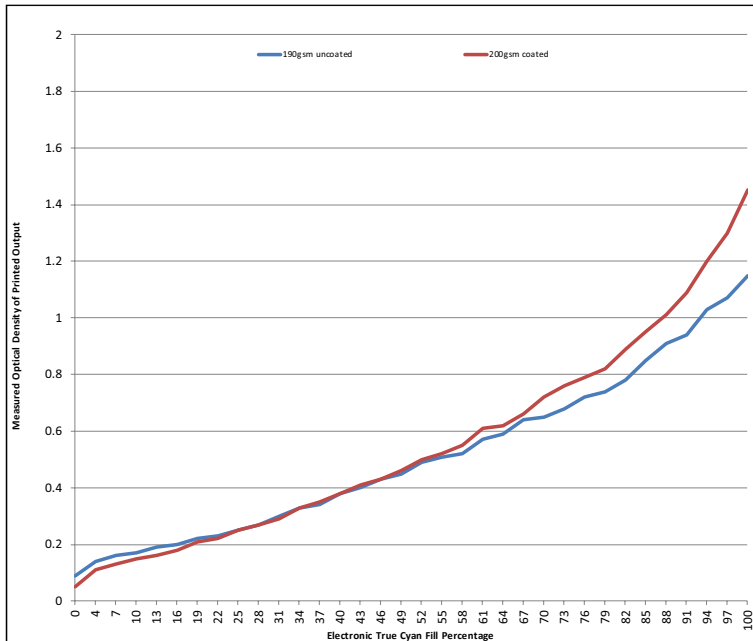
BLI assessed solid yellow reproduction using a 100% coverage document and the default device and driver conditions over the course of a 100-sheet print run. The BLI test target was sent to print on 190gsm UPM DIGI Color Laser A3 uncoated media and 200gsm UPM DIGI Finesse A3 coated media, with density readings taken at nine different locations on the printed output on the 1st, 50th and 100th page using an X-Rite 508 densitometer.

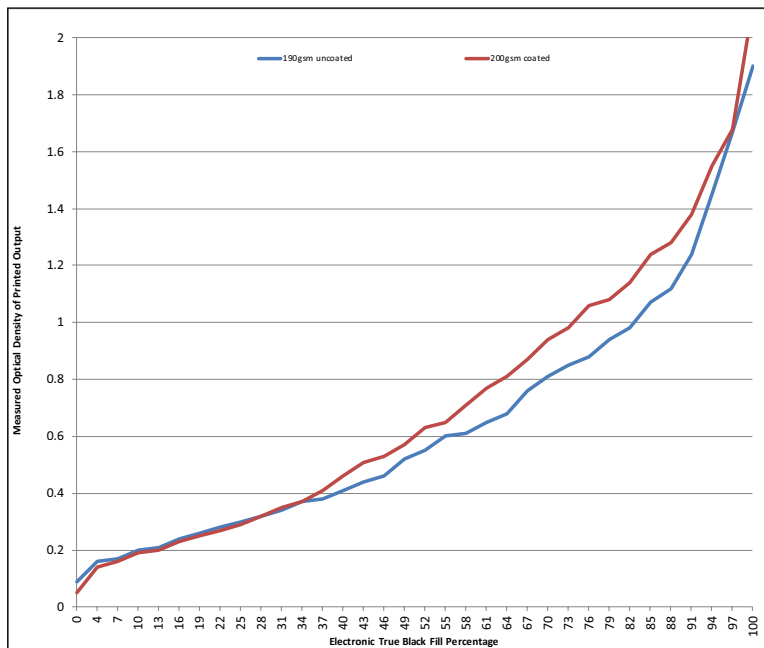
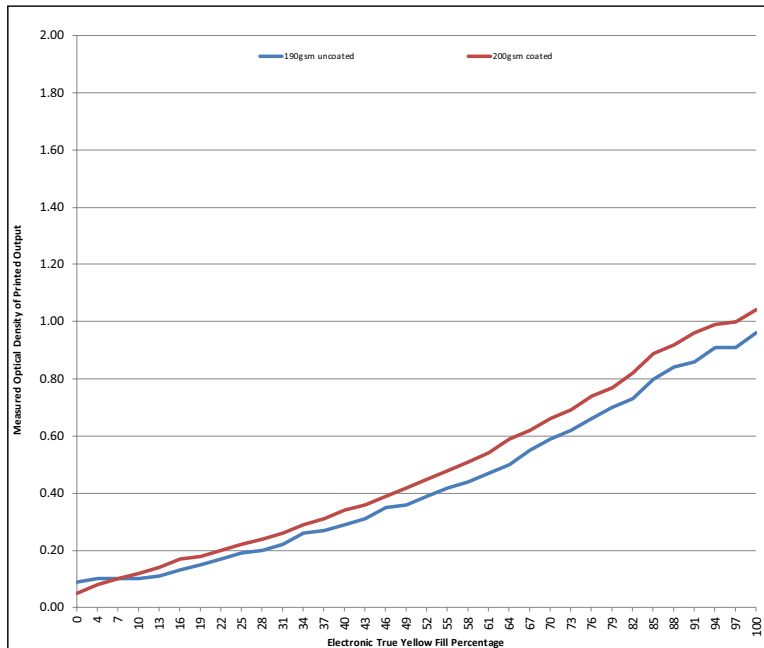
Front-to-Back Solid Yellow Density Measurements

	190gsm Uncoated Media	200gsm Coated Media
Front-Page Average	0.93	1.01
Back-Page Average	0.97	1.02
Deviation	0.04	0.02

Measurements are taken on test prints produced using default settings on both uncoated and coated paper using an X-Rite 508 densitometer. Measurements are based on 15 readings spaced across the long edge of an A3 test chart. The higher the density measurements, the darker the image. Density measurements are taken on both the front and back printed samples, with the front sample being a single-page file and the back printed sample being a duplex print of a two-page test chart with page one blank. An average across the 15 results for each test chart is recorded, along with the mean deviation from the average. The larger the deviation, the greater the difference in density across the page.

HALFTONE CHARTS





COLOUR DRIFT ANALYSIS

CORPORATE PANTONE LOGO COLOUR PATCHES COLOUR DRIFT TEST 190gsm Uncoated Paper					
	Page 250	Page 500	Page 750	Page 1,000	Maximum Drift
McDonald's Gold Pantone 123EC	1.0	1.6	2.0	1.3	2.0
Coca-Cola Red Pantone 485EC	1.3	2.3	1.7	1.1	2.3
FedEx Purple Pantone 268EC	1.1	1.5	1.3	1.5	1.5
FedEx Green Pantone 361EC	2.4	0.7	2	1.2	2.4
Microsoft Blue Pantone 279EC	1.4	0.9	0.8	1.1	1.4
Sun Microsystems Blue Pantone 7455EC	1.0	1.2	1.2	1.0	1.2
IKEA Blue Pantone 293EC	0.5	3.5	3.0	3.0	3.5
IKEA Gold Pantone 109EC	2.1	1.4	0.6	0.2	2.1
Time Fortune 500 Red Pantone 186EC	1.2	2.0	1.4	1.3	2.0
Quark Green Pantone 368EC	1.4	1.8	1.8	1.5	1.8
Viewsonic Red Pantone 207EC	1.7	1.7	0.9	1.8	1.8
T-Mobile Pink Pantone Rhod. Red	0.4	1.6	1.4	1.1	1.6
AVERAGE	1.3	1.7	1.5	1.3	

CORPORATE PANTONE LOGO COLOUR DRIFT TEST – Coated Paper					
	Page 250	Page 500	Page 750	Page 1,000	Maximum Drift
McDonald's Gold Pantone 123EC	1.6	1.3	2.3	0.4	2.3
Coca-Cola Red Pantone 485EC	0.9	1.8	2.7	1.2	2.7
FedEx Purple Pantone 268EC	2.0	1.4	2.2	1.1	2.2
FedEx Green Pantone 361EC	3.5	4.3	4.4	1.0	4.4
Microsoft Blue Pantone 279EC	1.7	2.7	2.5	1.3	2.7
Sun Microsystems Blue Pantone 7455EC	1.6	3.1	2.5	0.5	3.1
IKEA Blue Pantone 293EC	1.7	0.3	0.8	1.7	1.7
IKEA Gold Pantone 109EC	1.5	1	1.5	0.8	1.5
Time Fortune 500 Red Pantone 186EC	0.8	1.5	2.1	0.8	2.1
Quark Green Pantone 368EC	1.6	2.8	2.6	0.8	2.8
Viewsonic Red Pantone 207EC	1.0	1.5	1.7	0.4	1.7
T-Mobile Pink Pantone Rhod. Red	0.9	0.6	1.6	0.6	1.6
AVERAGE	1.6	1.9	2.2	0.9	

	Uncoated Paper	Coated Paper
Mean Delta E across all 12 Colours	2.0	2.4
Peak Delta E across all 12 Colours	3.5	4.4

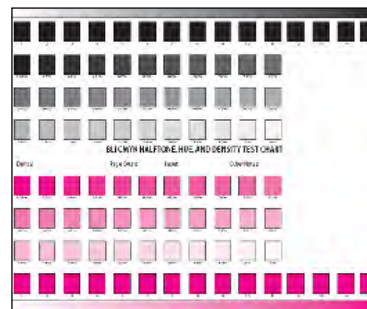
Overview of Image Quality Test Procedures

Halftone Analysis: BLI uses proprietary test files and the European Colour Initiative Altona test file to assess half-tone output and qualitative appeal of output. The test files are printed on both coated and uncoated media across a selection of image quality driver settings.

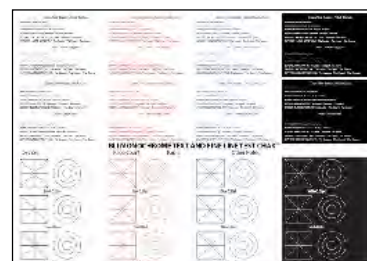
Fine Line and Text Analysis: BLI uses proprietary test files created in Adobe Illustrator and converted into PDF at press-quality settings. Files take into consideration both black and colour conversion elements in both foreground and background.

Assessments of fine lines and text are conducted using both default and maximum resolution settings. Fine lines are assessed at 0.1, and 0.25-point thickness at 90-degree and 45-degree angles and concentric circles; fonts are reviewed in Arial (sans serif font) and Times New Roman (serif font) in standard and italic formats down to 3 points. Pixel patterns down to 2 x 2 and 1 x 1 in each of the four primary colours are also checked.

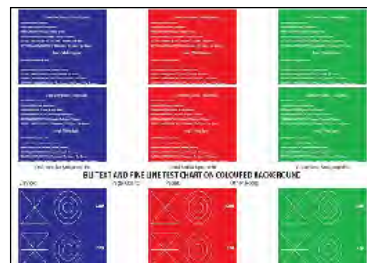
Colour Drift Analysis: BLI conducts a colour drift test on a single short-run (1,000 quantity) of a single-page job, assessing drift run of 12 corporate brand Pantone process colours printed on UPM DIGI Color Laser 90gsm uncoated paper at 250-sheet intervals. Each colour drift result represents the drift from the colour generated on the first printed page, measured using an EFI ES1000 spectrophotometer and analysed using Gretag MacBeth EyeOne Share software.



BLI Halftone, Hue and Density Test Chart



BLI Fine Line and Text Test File1



BLI Fine Line and Text Test File2

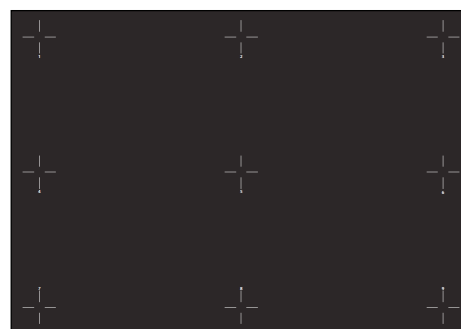


Colour Drift Analysis

Solid Darkness: BLI uses a four-page proprietary test file for each of the four primary colours with 15 patches of solid black distributed evenly across the long edge of an A3 image, with the image repeated on pages one and four, with pages two and three left blank. The document is printed in duplex, and the solid density of the 15 patches on both sides is measured using an XRite 508 densitometer; the minimum, maximum and average, along with the deviation from the average, are reported.



BLI Solid black/greyscale Test File



BLI 100% Coverage Solid Black Test File

Mixed-Page-Element Handling: BLI assesses mixed-page-element handling using proprietary and industry-standard test files. Test files are sent using both default settings and with different image quality adjustment options selected. Quality of fine lines, fonts, solids and light/mid and dark contrast halftone images is assessed to determine the best settings to deliver high-quality output across all elements. The test is repeated on both coated and uncoated media.



ECI Altona Test File



BLI Mixed-Page-Element Test File



Ease of Use

- + The touchscreen control panel is easy to master and will make the training of new users a quick process.



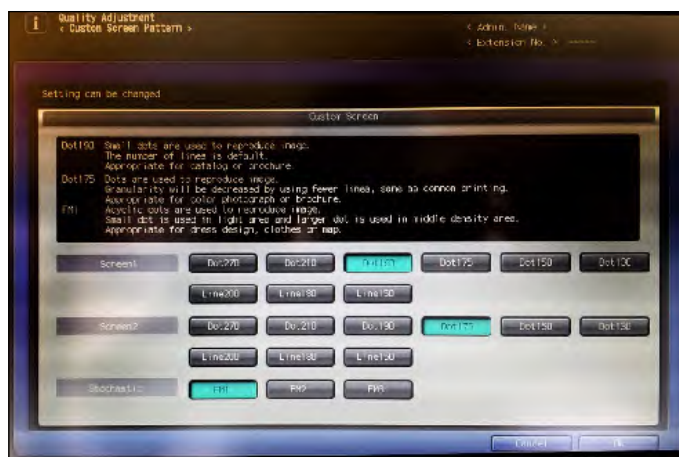
Main Control Panel

- BLI found replacing toners to be an easy and mess-free process.



Toner bottles accessed from front of device

- The waste toner bottle is located at the front of the device and is easy to access and replace—an improvement over the bizhub PRESS C7000, whose waste toner bottle was located at the rear of the device.
- + Loading paper into the unit's trays is easy, as the trays feature sturdy sliding guides for both length and width which can be locked. The trays can be locked to enable more accurate paper feeding.
- Although the bizhub PRESS C1070 offers a wide array of dot, line and FM screen options—12 in total—the operator is unable to switch among more than three at any given time. To access other screen options, operators have to access administrator settings and make the desired setting one of the ones made accessible to the user from the driver. Some competing devices make all screening options available directly from the printer driver or DFE, saving time.



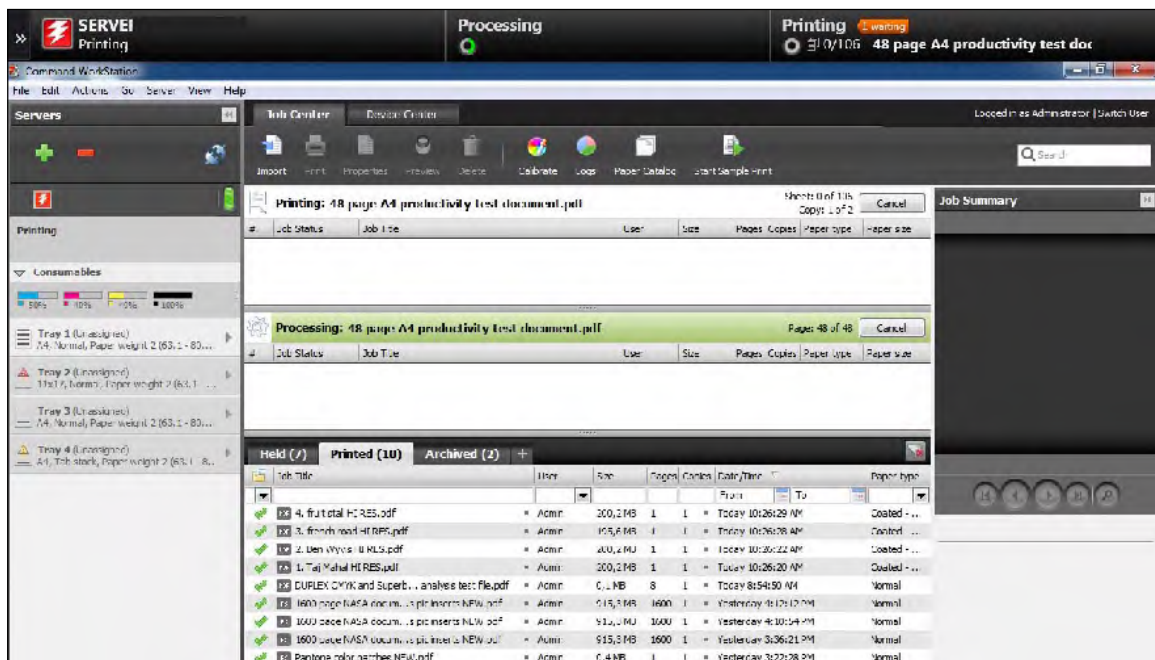
Changing engine screening patterns

- + Jam recovery instructions on the touchscreen are easy to follow and dynamically updated as jams are resolved. The finisher modules include an illustration of the main finisher regions with LEDs indicating where jams are located, which BLI found to be useful.
- Unlike with one close competitor, the engine of the bizhub PRESS C1070 is not flushed if a misfeed occurs in the paper input modules, which can increase jam clearance and device recovery times.
- + Step-by-step instructions for the replacement of consumables (toner, waste toner, staples, staple trimmings, punch waste etc.) are all well illustrated.
- + The graphical EFI print driver is well laid out and provides a high degree of functionality and extensive job programming capabilities.



Illustration showing jam locations (above), and a diagram in the centre showing jam location in output module (right).

+ EFI's Command WorkStation is a well-designed application. Colour codes quickly allow users to see the status of all jobs in the queue (e.g., which are spooled, RIPPed, printing, or completed).



Fiery Command WorkStation main screen

- + Fiery hot folders allow users to drag-and-drop documents into a hot folder which automatically applies pre-defined settings to those documents, thereby streamlining repeated print processes.
- Paper loading is face up for the large-capacity trays (Trays 3, 4 and 5), but face down for Trays 1 and 2 underneath the main engine unit (to allow for the flip-over during feeding). This could be confusing and could lead to costly mistakes when feeding side-critical media such as forms, single-coated stocks, NCR and preprinted offset shells.
- + Setting up new media in the device's media catalog is easy, with a large QWERTY keypad on the touchscreen making data entry quick and accurate.
- The utility for setting up front-to-back registration for trays was intuitive and worked well. Users can either set image shift settings manually or choose to print a Konica Minolta target sheet, which is printed single-sided from the selected tray. The user is prompted to measure a selection of distances between markers on the sheet and enter the details into the utility. The user then prints a second test target, which on this occasion is a double-sided image. Once again, the user is prompted to measure the shift between front and back crosshairs, enter the measurements into the utility and the final registration shift details are updated to the tray automatically.
- + Integration between the media catalog of the engine and the EFI controller is seamless, with changes to trays automatically updated to the EFI device information and any new registered custom media created by the operator on the device being added to the EFI media catalog.

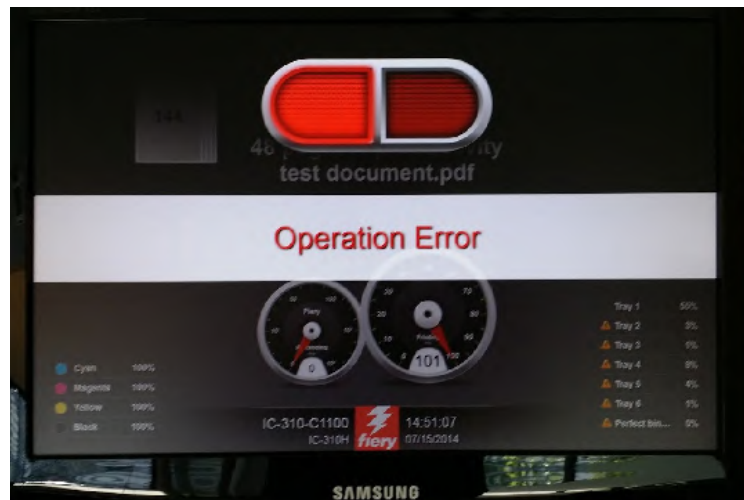
★★★★★ Job Management

- The Fiery controller includes four print queues: Direct, Hold, Sequential and Print. "Direct" spools the job at the host PC and then sends the pages to the RIP for processing and automatic submission to the print queue. The "Hold" print queue spools the job on the Fiery hard drive and processes it in the background but holds the RIPped file pending operator release. With the "Print" queue, the job is spooled at the Fiery hard drive and automatically routed for printing into the queue. Sequential printing, as the name suggests, handles jobs in the print queue on a first-in first-out basis.
- + Job submission is greatly aided by the high level of integration between the media catalogs of the device and the Fiery controller's paper library, reducing the risk of media mismatches that can cause wasted time.
- + Fiery System 10 includes Fiery Ticker, a utility that provides accurate information on toner remaining for each colour and the amount of paper remaining in each drawer. While the device is running, if an operator hasn't made any selections for a set period of time, the Ticker pops up on the screen. It indicates the name of the document currently

running and an estimated time until completion. A “speedometer” shows the speed at which the engine is currently running. The Fiery Ticker also provides failure messages, clearly indicating in red that an error has occurred on the device and what the error is.



Fiery Ticker job progress job delivery note



Fiery Job Ticker flagging device issue from the desktop

+ EFI ColorWise includes extensive colour management capabilities that allow the operator to fine-tune colour rendering and media profiles, apply spot colour rules and much more.

- + Users can see the Fiery RIP queue from any networked PC equipped with EFI Command WorkStation. The queue is colour-coded to reflect the current status of each job in the queue.
- + The system's job-building capabilities are extensive, with advanced page-level programming capabilities including mixplex, subset finishing and mixed-media selection options.
- From the device's touchscreen EFI tab, the operator can see the current state of the job in progress, but there is no indication of the time required for job completion as found on some rival units. In order to view the time remaining the operator can use EFI Fiery Ticker.
- + The job queue can be set to Suspend on Mismatch, where jobs with missing resources (media, finishing) or a colour profile mismatch, can be sidelined to allow other jobs to be processed.
- + The controller also includes an option called Force Print, which allows the operator to override a resource mismatch and force the job to be processed using a specific tray, eliminating the need to cancel and resubmit the job. Note that this can cause inaccuracies and image cropping when different media are specified at the tray level versus the media within the job ticket.
- + As mentioned earlier, EFI Hot Folders provide drag-and-drop workflow capability, streamlining the output of common print-on-demand tasks. Hot Folder support includes Microsoft Office direct submission, which allows desktop users to drag and drop supported Microsoft Office files directly into a hot folder without opening them. When a file is placed in a hot folder, the pre-programmed job settings for that folder are automatically applied to the document, saving extra steps.
- + EFI's Virtual Print Queue allows operators to set up automated printer profiles that can be used by users across the network. The operator creating the virtual queue can program printer settings and incorporate complex imposition tasks using EFI Impose. The operator can also lock down the entire print setting profile, or specify which settings are locked (i.e., cannot be changed by the desktop user), allowing users to change all other settings as required.
- + Automatic preflight checks can be applied to jobs submitted to hot folder and virtual queue workflows, which can pick up on issues such as missing fonts, spot colours, low-resolution images and VDP resources, and redirect jobs that fail the preflight test to the hold queue for further analysis.
- + Jobs can be scheduled to print at a specific time, allowing less time-critical tasks to be set to print outside peak hours.
- + Using DocMerge, the operator can combine multiple documents into a single job, choosing whether to retain the finishing attributes per document or apply a single finishing attribute to the combined document batch. This can be a great time saver when putting together information packs containing several unique information resources.

- Print queue actions can be attached to a print job from the print driver, with users able to choose between print; process and hold; or print and hold.
- + The driver feature set is extensive, allowing operators to build jobs including basic imposition tasks (e.g., two-up gang-up) and create booklets intuitively and quickly. The settings for frequently used jobs can be saved as templates on the driver for reuse.
- + Pad printing is supported, allowing for quick creation of pads, with the operator having the ability to specify the cycles per pad and the option of adding a back cover to further aid offline finishing. Each pad set is offset to aid separation for offline finishing. This feature is a valuable time-saving function for the creation of a wide variety of output including notepads, receipt books and prescription pads.
- + Fiery Freeform VDP (Variable Data Printing), which is standard with the EFI controller, allows users to merge background stored images such as letterheads or corporate logos with variable foreground text. Up to 100 background images can be stored. Extensive support is provided for other VDP workflows including PPML, Creo VPS 1.5, VI Compose (VIPP/VPC) and PDF/VT v1.0.

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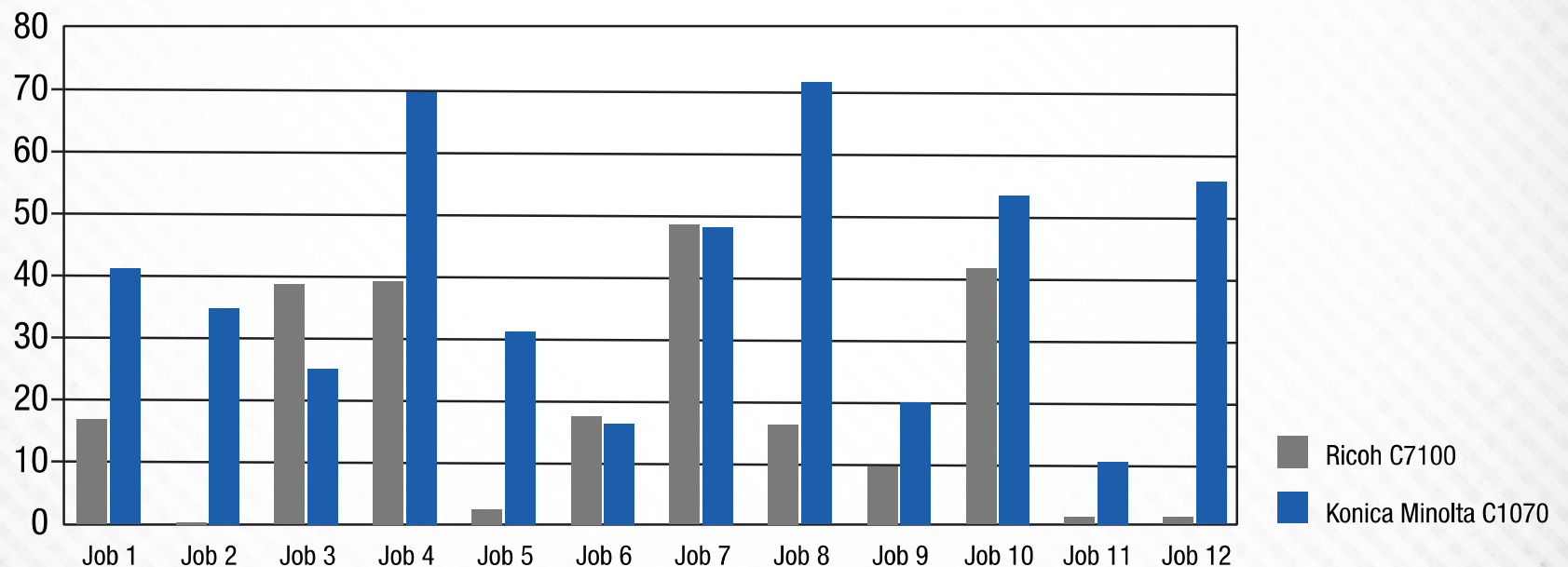
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Vice President of Marketing

T.R. Patrick, Art Director

Productivity

BW's Performance Trainers test results on 12 print jobs:

- Tests were done using real applications including a variety of media sizes, mixed plex, color/black and white and finishing.
- The **C1070 outperforms the C7100XS** in almost every application



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Giving Shape to Ideas

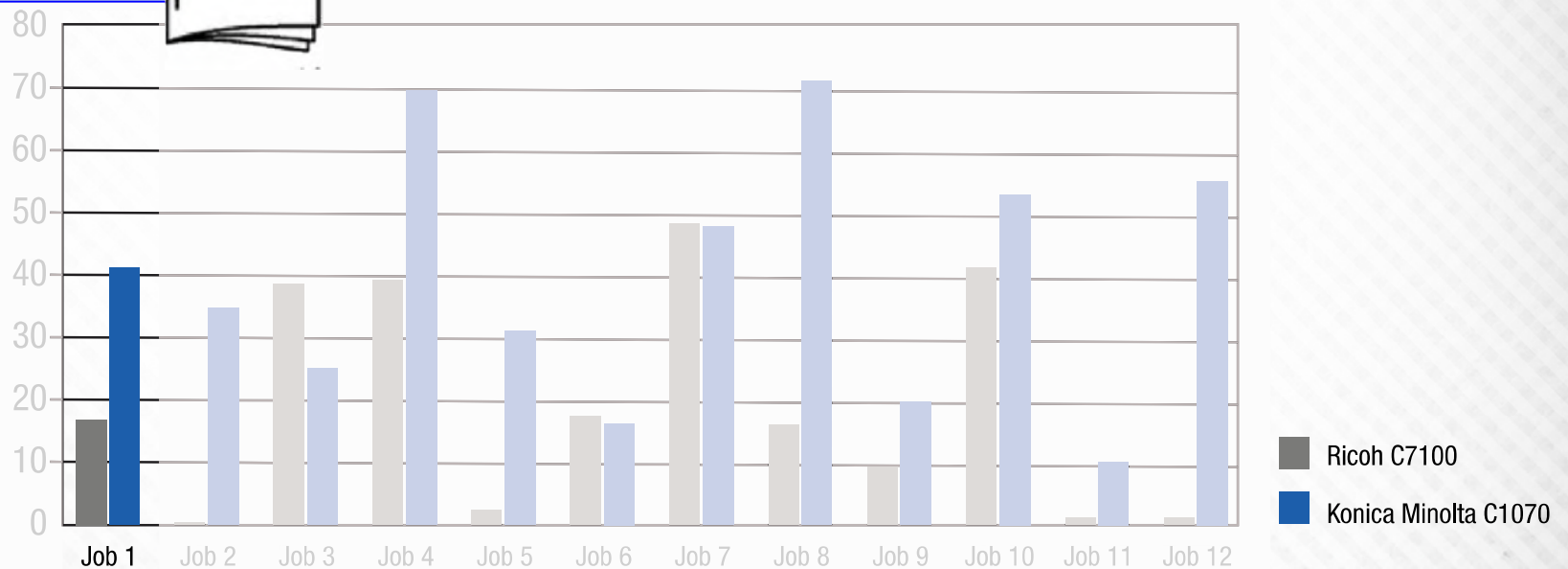
Productivity (cont'd)

Job 1:

- 50 pages A4
- Mixed Color/Black and White
- Duplex
- Double staple
- Cover Simplex 200 gsm



- The C1070 is more than twice as fast in staple mode with cover and would be **44% faster without cover.**
- **Adding a cover** to the job causes the C7100 to slow down even further.



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Giving Shape to Ideas

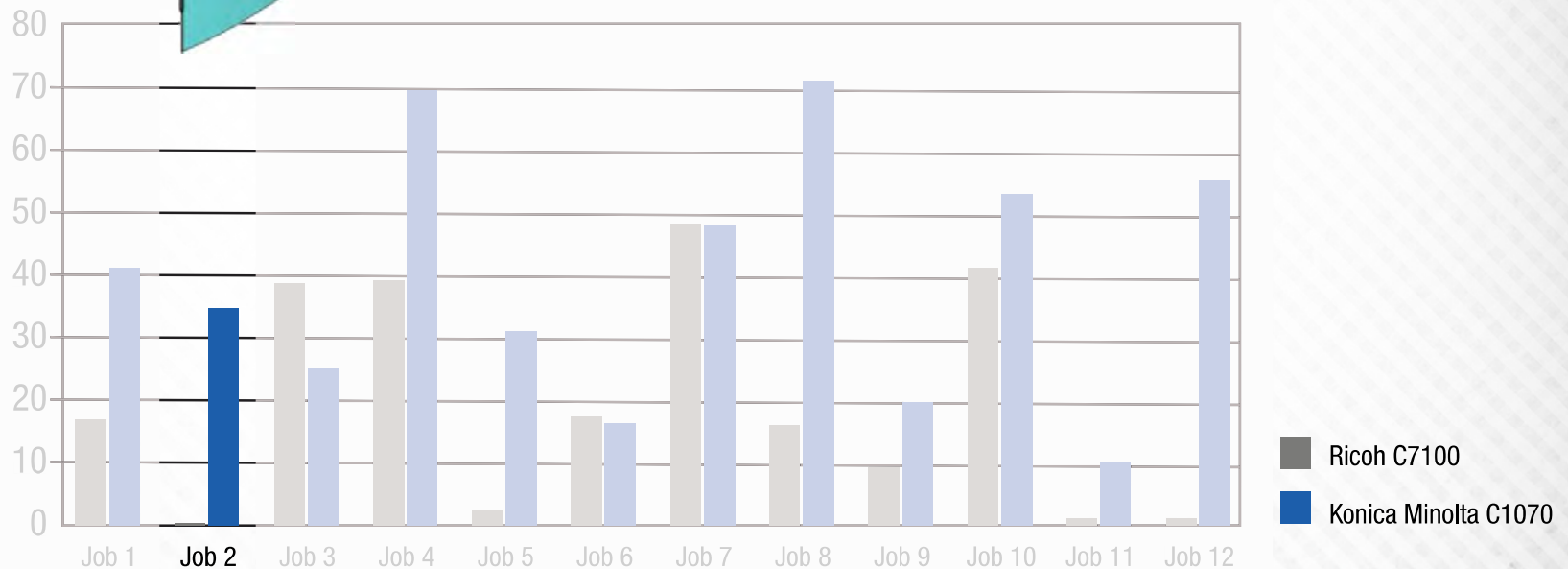
Productivity (cont'd)

Job 2:

- Full size booklet
- 16 A4 input
- Impose on SRA3
- 170 gsm coated



- This test could not be performed on the C7100 because the Ricoh bookletmaker only goes up to 163 gsm.
- When producing this job on 100 gsm the C7100 performance was 29.1 ipm. This is slightly below the performance of the C1070.



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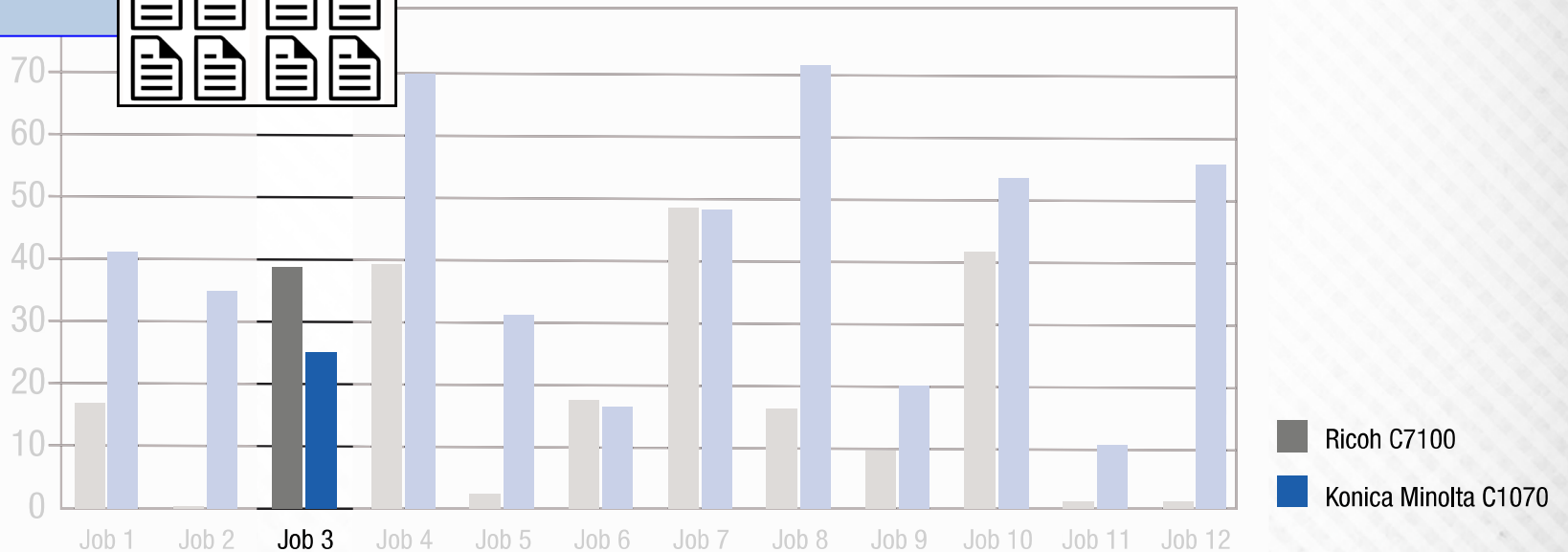
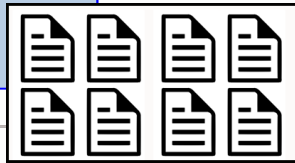
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Productivity (cont'd)

Job 3:

- N-up Postcards
- 16 pages
- 4"x6" input
- SRA3 output
- duplex
- 220 gsm uncoated

- Based on spec the C7100 is 53% faster.
- C1070 has a lower speed on media >176 gsm.



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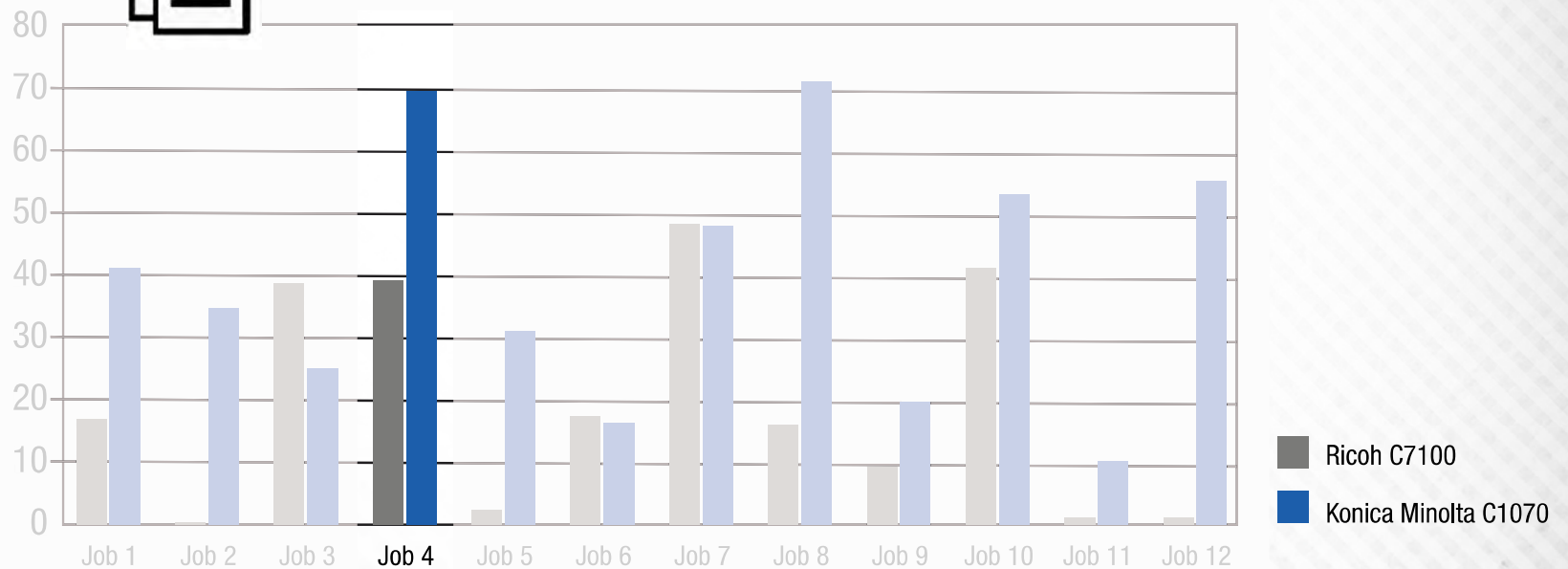
Productivity (cont'd)

Job 4:

- Job streaming
- 6 separate files
- 50 A4, duplex
- 160 gsm



- The C1070 is **76% faster** than the C7100.
- Performance loss on the C7100 due to quality controls in between the jobs.



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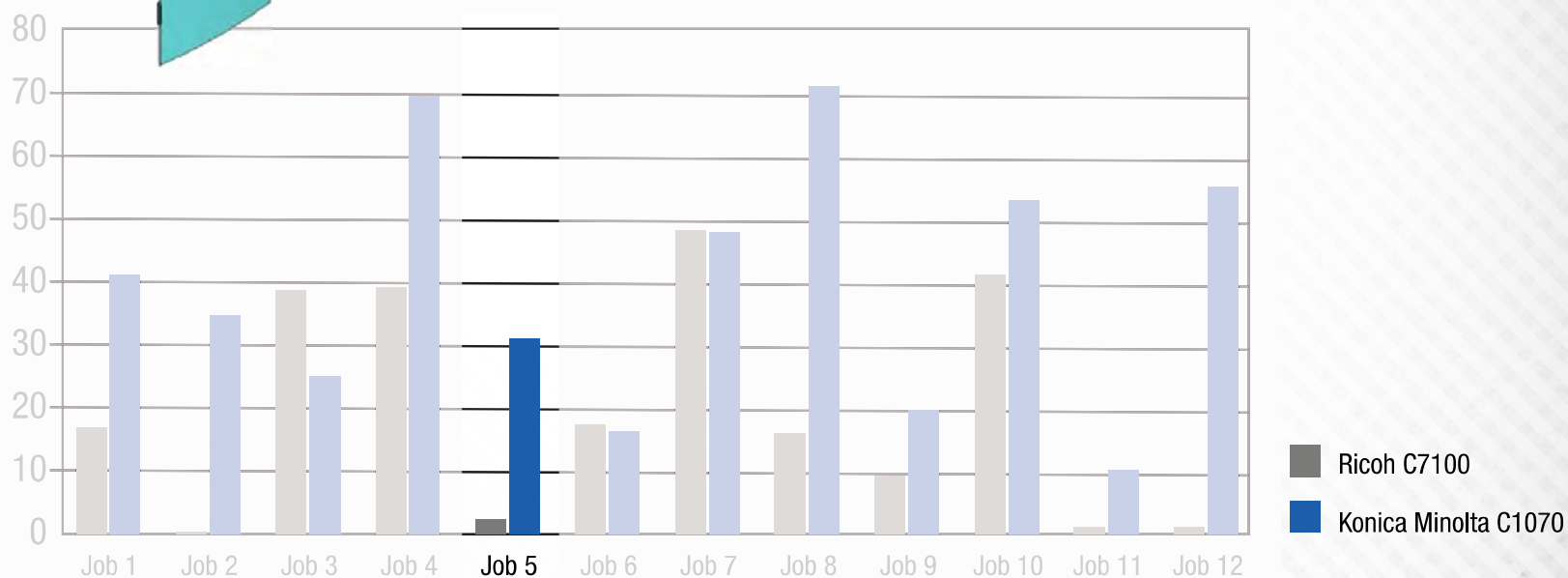
Productivity (cont'd)

Job 5:

- A4 Booklet
- Input 6 A3 pre-imposed
- Cover 200 gsm



- The C1070 is 10x faster within this range of mixed media.



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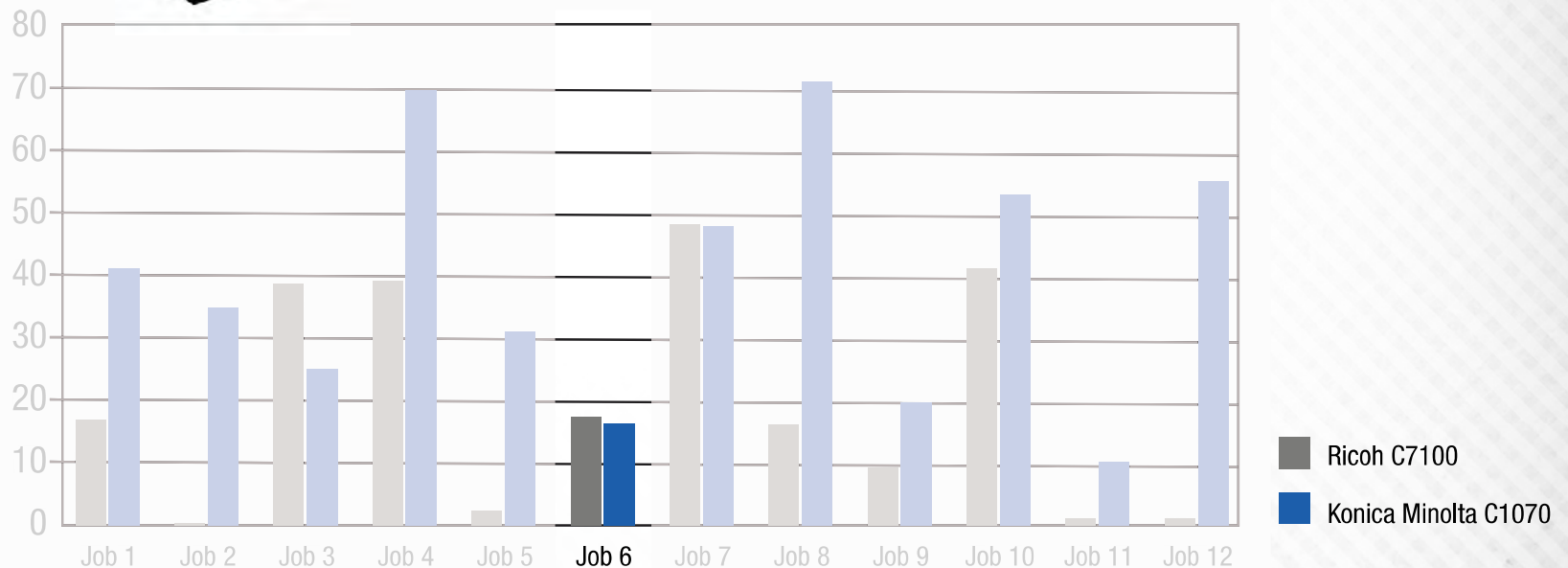
Productivity (cont'd)

Job 6:

- SRA3 input and output
- simplex output
- 300gsm coated



- Based on specs the C7100 should be twice as fast, however, the C7100 is only 8% faster.



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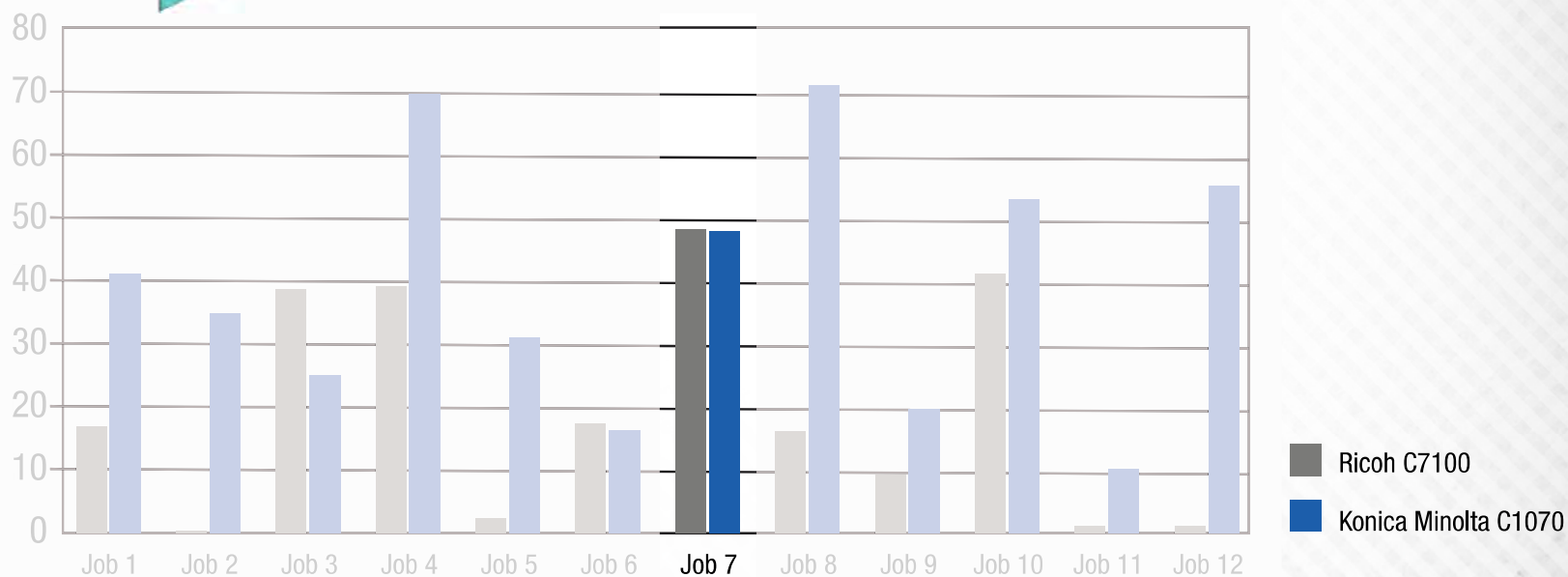
Productivity (cont'd)

Job 7:

- A5 Booklet
- 40 A4 input
- imposed to 20 A4R
- 100 gsm



- Performance is similar using A4 SEF media and the standard booklet-maker.



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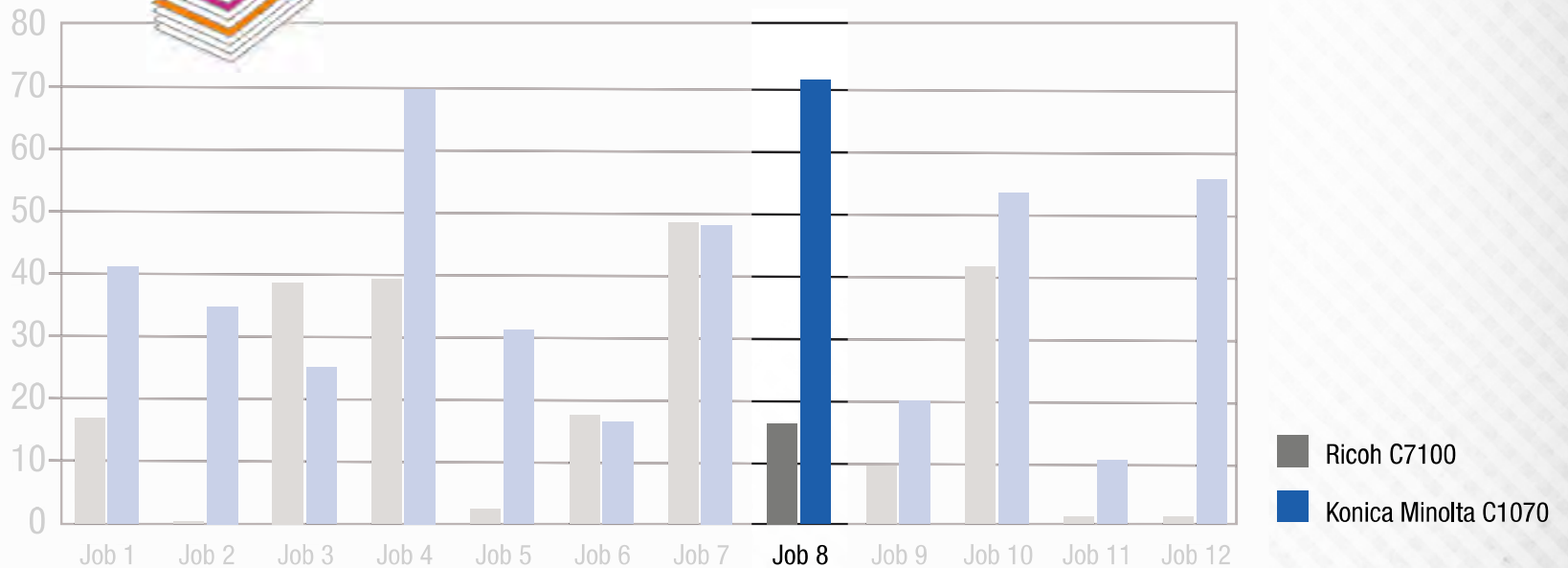
Productivity (cont'd)

Job 8:

- Inserts
- 150 A4 input
- duplex
- 90 gsm
- 3 inserts 200 gsm



- The C1070 is more than 4 times faster than the C7100, it switches trays and can maintain a much higher productivity.
- C7100 is heavily impacted by the inserts.



KONICA MINOLTA

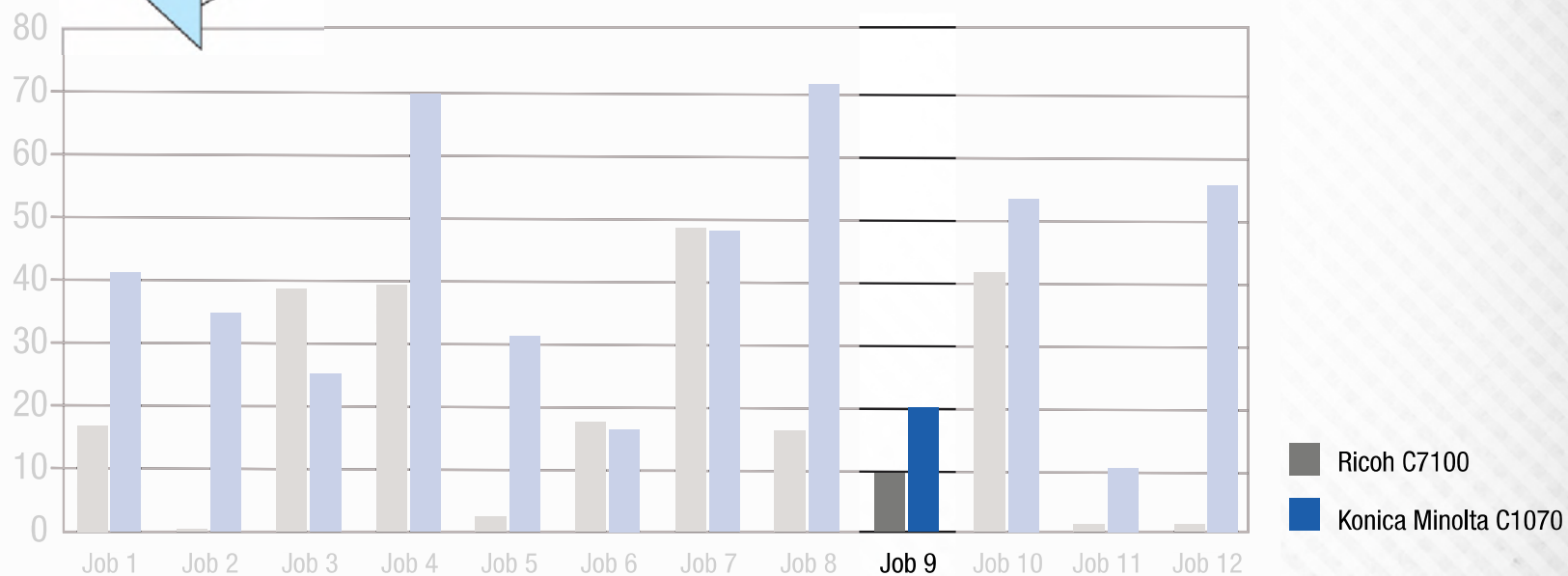
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Productivity (cont'd)

Job 9:

- Folding
- 2 A3
- duplex,
- 100 gsm

- The C1070 performed **twice as fast**.



KONICA MINOLTA

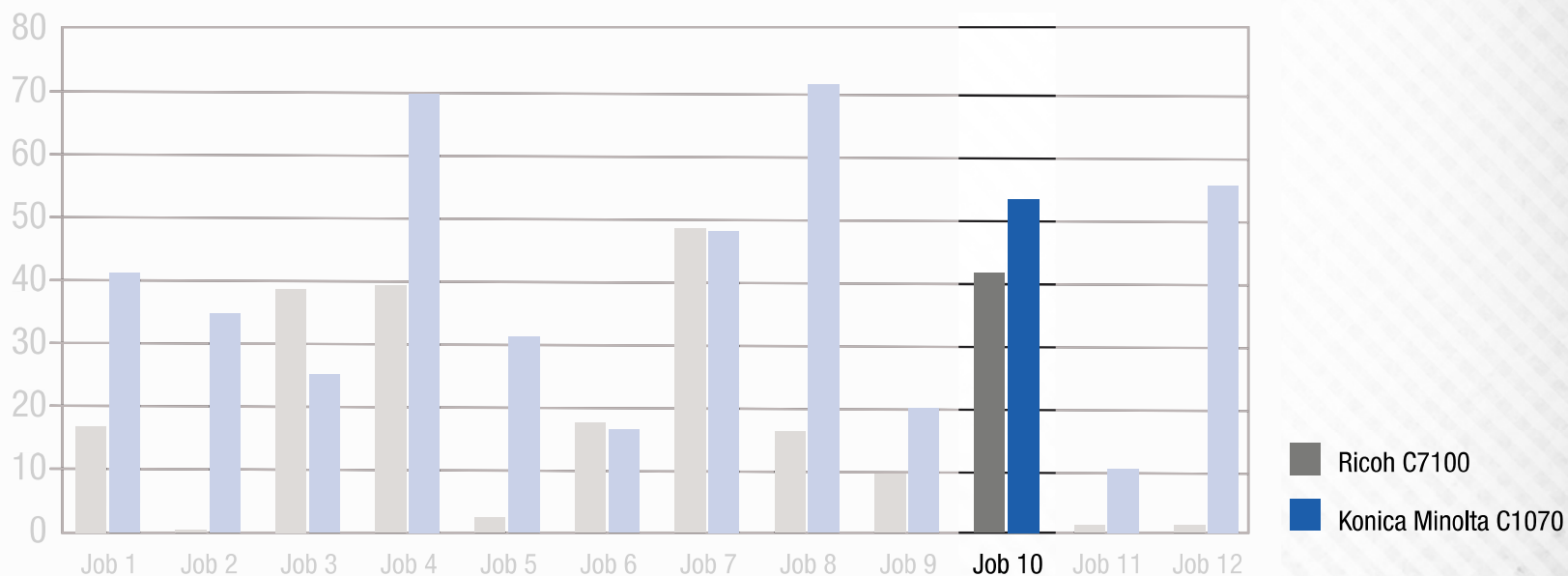
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Productivity (cont'd)

Job 10:

- Mixed Plex
- 69 A4 input
- Duplex
- 4 sheets simplex
- 90 gsm

- The C1070 is **27% faster** in making the switch from simplex to duplex



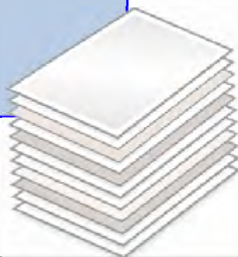
KONICA MINOLTA

Giving Shape to Ideas

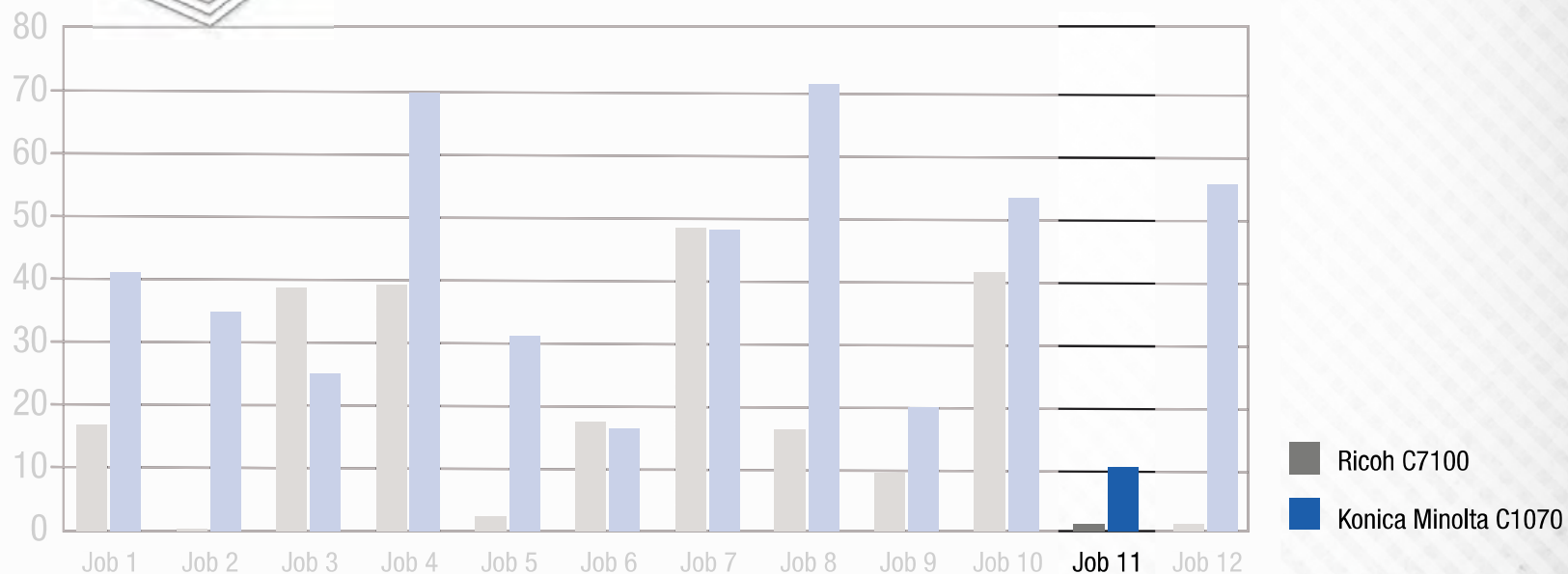
Productivity (cont'd)

Job 11:

- Mixed media
- 3 A4 input
- 250 – 90 – 160 gsm



- The C1070 is **600% faster**.
- Causes slow downs on both devices due to extreme application.



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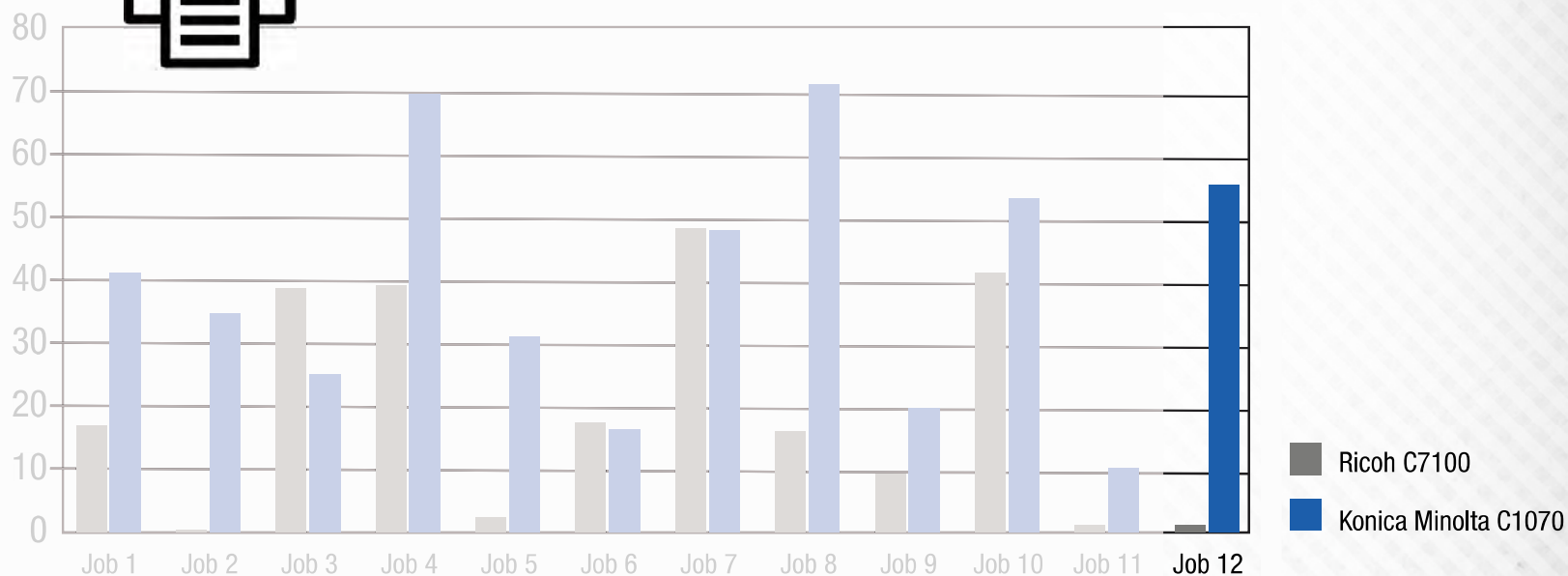
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Productivity (cont'd)

Job 12:

- Mixed sizes
- A4 – A3 – A4 input
- Simplex
- 100 gsm

- The C1070 is more than **30x faster** than the C7100



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