Xerox WorkCentre 5955
55 PPM Copier • Fax • Printer • Scanner

BUYERS LABORATORY 2015 BLI HIGHLY RECOMMENDED LAB TESTED

Reliability	Excellent
Multitasking	Excellent
Administrative Utilities	Excellent
Feedback to Workstations	Excellent
Ease of Network Setup	Excellent
Print Drivers	Very Good
Scan Functions	Good
Black Print/Copy Quality	Very Good/Good
Black Print Productivity	Good
Black Copy Productivity	Good
Ease of Use	Very Good
Feature Set	Excellent
Security	Excellent
Toner/Ink Yield	Good

BLI RECOMMENDATION

Replacing the WorkCentre 5855, the Xerox WorkCentre 5955 gave an outstanding overall performance in BLI's Lab Test. The device proved to be highly reliable over its 200,000-impression test. Adding to its strong reliability is that, unlike with most competitive devices, consumable parts including the drum, fuser and separation roller can all be replaced by end users, eliminating the need for service to replace them. In addition, there is no waste toner tank that needs to be replaced for this engine. Rather, a compartment built into the drum is used to collect toner waste, essentially allowing waste toner to be replaced at the same time as the drum. The device's competitive overall image quality stood out for its high-quality text and line art; text exhibited above average darkness and character formation, and closely spaced fine lines were distinct and of consistent thickness. Enhancing the unit's ease of use is the wealth of device and job status available to users from the bidirectional print drivers and by access to Xerox's online support resources and how-to guides directly from the control panel. The device offers the highest standard and maximum paper capacities of the group. The 200-sheet capacity of the duplex single-pass feeder is the second highest of the group. The device is also built on Xerox's ConnectKey technology platform, and features Xerox's App Studio, which allows for resellers to set up nearly a dozen apps designed to simplify workflow, all of which are accessible from the device's control panel. Among the apps available are scan to Dropbox, scan to email and scan to multiple destinations. The ConnectKey

Rating scale: Excellent, Very Good, Good, Fair and Poor.

Test duration: Two months, including a 200,000-impression durability test completed in BLI's product testing facilities.

Tests were conducted using U.S. letter-size paper; A4 results may vary slightly.

About BLI: Since 1961, BLI has been a leading test laboratory in the world of digital imaging equipment. BLI is completely independent in all of its testing processes and subsequent reporting. All of BLI's product evaluations are conducted by highly experienced employees in its on-site testing facilities in the United Kingdom and United States where hundreds of new copiers, printers, wide-format devices, scanners, faxes and multi-function (MFP) products are evaluated and reported on each year.

More information on the Xerox WorkCentre 5955 is available through bliQ (www.buyerslab.com/bliQ).

technology platform also offers enhanced security offerings from McAfee and Cisco, as well as the latest in EIP architecture, which allows for scanning files directly into SharePoint and cloud-based repositories. Based on its performance in BLI's tests, BLI Highly Recommends the Xerox WorkCentre 5955 for an optimum monthly volume of 39,000 impressions.

STRENGTHS

- Excellent reliability
- High-quality printed and copied text and line art
- Tested scan speeds are faster than average in simplex modes, and significantly faster than the average of the group in duplex modes
- User-replaceable drum, fuser and separation roller minimize downtime; toner waste compartment is built into the drum, allowing for the replacement of toner waste at the same time as drum replacement
- Bidirectional print drivers display device and job status, eliminating the need to install additional software, which takes up resources
- Highly detailed feedback to workstations helps ensure that supplies are on hand when needed, reducing downtime
- Strong multitasking capabilities, including access to the control panel even while pages are being scanned through the document feeder
- Integrated address book consolidates all selectable destinations in one place, eliminating the need to search for destinations in multiple locations
- Highest standard and maximum paper capacities of the competitive group
- Xerox's new App Studio allows for Xerox's resellers to set up nearly a dozen apps designed to simplify workflow
- Maintenance Assistant enables users to send diagnostic information directly to Xerox to help support staff resolve problems
- Standard EIP architecture allows for integration with third-party software solutions to automate workflow and control costs
- Highly customizable cloning of device settings from one device to another at the web utility

WEAKNESSES

- Lack of separation between halftone levels at the darker end of the scale in copy mode
- Control panel does not allow for customization of basic functions, nor for shortcuts for quicker access to sub-menu selections
- No preview support at scan menu or for USB jobs
- Separate menus for the various scan to destinations on the control panel require users to toggle back and forth between multiple screens; no encryption support for scan files
- No point-and-click support for selection of paper source and output destination from the print drivers
- The user-replaceable drum cannot be removed without opening the side door, unless excessive force is used which could damage the device
- Default driver names are not easily identifiable
- Only some of the selections for a typical print job are available on the first print driver tab; no point-and-click support for selection of paper source and output destination

RELIABILITY

Products are tested for two months, five weeks of which consists of a durability test during which the product is run at its manufacturer-rated maximum monthly duty cycle, with 75 percent of the test volume consisting of print jobs and 25 percent consisting of copy jobs.

Test Period Duration	200,000 Impressions
Total Misfeeds/ Misfeed Rate	6/1 misfeed per 33,333 impressions
Total Service Calls (incl. PMs)	0

BLI's daily test usage is designed to replicate real-world use over an eight-hour workday, and as such includes a mix of various-size documents, simplex and duplex modes, and a mix of short, moderate and long run lengths, and on/off cycles, throughout the day. The durability evaluation also includes testing of the document feeder/scanner for an additional 10 percent of the monthly maximum volume, evenly divided over the course of the test.

PRODUCTIVITY AND EFFICIENCY

Productivity is a measure of the speed at which copy, print and scan jobs are completed. Efficiency is the percentage of the device's advertised speed at which it runs in testing. BLI's experienced test technicians complete a comprehensive series of speed-related tests to simulate real-world conditions.

Copy Mode — Black

	# of Sets	CPM	Efficiency
Manufacturer's Rated Speed		55.0 CPM	
1:1 Simplex Mode	1	26.2	47.7%
	5	45.7	83.1%
	10	49.7	90.3%
	20	64.9	117.9%
	Average	**46.6**	**84.8%**
1:2 Duplex Mode	1	25.4	46.2%
	5	43.6	79.3%
	10	48.7	88.5%
	20	51.6	93.8%
	Average	**42.3**	**77.0%**
2:2 Duplex Mode	1	34.6	62.9%
	5	49.2	89.5%
	10	51.8	94.2%
	20	53.3	97.0%
	Average	**47.2**	**85.9%**
Document Feeder First-Copy-Out Time		9.05 Seconds	

Print Mode — Black

	# of Sets	PPM	Efficiency
Manufacturer's Rated Speed		55.0 CPM	
1:1 Simplex Mode	1	29.4	53.5%
	5	45.1	82.0%
	10	49.7	90.3%
	20	52.2	94.9%
	Average	**44.1**	**80.2%**
1:2 Duplex Mode	1	26.5	48.1%
	5	46.5	84.6%
	10	50.4	91.6%
	20	52.4	95.3%
	Average	**44.0**	**79.9%**
Job Stream Speed		37.1 PPM	
Job Stream Efficiency		67.5 %	

Scan Mode	Black	Auto Colour	Full Colour
Scan to E-Mail Speed Single-Sided Originals	75.0 IPM	75.0 IPM	74.4 IPM
Scan to E-Mail Speed Two-Sided Originals	127.5 IPM	109.1 IPM	110.1 IPM

Key

Manufacturer's Rated Speed:	The manufacturer's advertised speed (copies per minute [cpm] or pages per minute [ppm]) for the device.
Document Feeder First-Copy-Out Time:	The time it takes in seconds for a copy to completely exit the device when a copy is made from an original placed in the document feeder.
Job Stream Speed:	The speed at which the device runs at when completing BLI's job stream test.
Job Stream Efficiency:	The percentage of the device's advertised running speed at which it produces the job stream, derived by dividing the tested speed of the device by the manufacturer's rated speed and multiplying by 100. The closer the rate is to 100%, or if it exceeds 100%, the more efficient the unit.

Copy Modes:		1:1 Simplex Mode: Single-sided original to single-sided copy
		1:2 Duplex Mode: Single-sided original to two-sided copy
		2:2 Duplex Mode: Two-sided original to two-sided copy
Print Modes:		1:1 Simplex Mode: Single-sided print
		1:2 Duplex Mode: Two-sided print
# of Sets:		Indicates the number of sets produced of BLI's 10-page two-sided test original.
CPM / IPM / PPM:		Copies per minute / Images per minute / Prints per minute. Entries under this heading indicate the speed at which the device operated when completing the test.
INA:		Information not available. Test was not performed on the device.
"--":		Not applicable

Copier productivity tests are based on tests performed by BLI using a variation of ASTM Standard Test Method F1318 with either A4 paper (UK lab) or 8-1/2" x 11" letter-size paper (US lab).

BLI tests a unit's copy and print productivity by making multiple sets (the number of sets depends on the rated speed of the device) of BLI's 10-page two-sided Word document test original in three copy modes (1:1, 1:2 and 2:2) and in both simplex (1:1) and duplex (1:2) print modes.

BLI's job stream includes Word documents, Outlook e-mail messages, Excel spreadsheets, PowerPoint, HTML and Acrobat PDF files. This test, conducted using the PCL driver, simulates the type of traffic a typical device might experience in a real-world, multi-user environment.

BLI tests a device's scan speed by sending BLI's 10-page two-sided test original to an e-mail address as a 300-dpi PDF file. Scan speed is determined by measuring the time it takes for BLI's 10-two-sided test original to feed through the document feeder.

Additional information on productivity and BLI's test methodology is available in the Help section on bliQ. See Glossary of Terms in the Table of Contents.

IMAGE QUALITY

BLI evaluates image quality using a combination of industry-recognized copy and print documents plus BLI proprietary test charts. A wide variety of factors are assessed using a combination of BLI technicians' expert visual opinion in addition to scientific measurements using densitometry and colour spectrophotometry equipment.

	Print Quality	Copy Quality
Text	Very Good	Excellent
Line Art	Very Good	Very Good
Halftone Pattern/Fill	Good	Good
Halftone Range	Excellent	Good
Solids	Good	Good

LAB TESTING OVERVIEW

Test Environment: This product was tested in BLI's environmentally controlled US test lab, which replicates typical office conditions.

Test Equipment: BLI's dedicated test network, consisting of Windows 2008 and Microsoft Exchange servers, Windows 7 workstations, 10/100/1000BaseTX network switches and CAT6 cabling.

Test Procedures: BLI's lab testing includes both BLI proprietary and industry-standard test procedures and documents. In addition to a visual image quality evaluation, optical density of primary colour (CMYK) solid fill output is measured using a densitometer, and colour gamut and consistency are evaluated using a colour spectrophotometer. The reliability test is conducted using Georgia Pacific Spectrum and Boise Cascade paper in the US and UPM, Data Copy and Mondi paper in the UK. In both cases, 30 percent of the paper is recycled paper The media used for image quality testing is Georgia-Pacific Printing Paper (24 lb., 96 brightness) in the US and UPM Future ImageTech 100gsm paper in the UK.