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Xerox® AltaLink® C8100 Series Color Multifunction Printer

Customer Expectation and Installation Guide



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1. Product Overview

Want work done right? AltaLink® will help you do a lot more than just print. You can automate document workflows and connect to the systems that run your business – seamlessly. Protected by comprehensive security features, they are true Workplace Assistants that will free up time for you to do more of what really matters.

A Productive Work Experience for All

Feel right at home instantly with AltaLink®.

The intuitive and personalized tablet-like interface balances simplicity and efficiency and reduces steps to complete tasks with a single tap.

Native mobility features make it easy for workers to print from their mobile devices with advanced AltaLink® capabilities such as Xerox® @PrintByXerox App, Xerox® Print Service Plug-in for Android™ or AirPrint™. You can even copy, scan, or email without touching the user screen with AltaLink's touchless workflows (with the Auto Start feature).

AltaLink® Devices bridge the physical and digital worlds with apps and advanced scanning capabilities that allow you to digitize, route, and process information in a snap. Automate tedious tasks to save time, reduce errors with 1-Touch shortcuts, or simply allow AltaLink's Adaptive Learning to automate repetitive and complex tasks.

Translate documents to 40 languages. Convert hard copy to audio for easy listening on the go. Get your handwritten notes off the page and turn them into shareable text. Redact content for confidentiality. And convert scans to Microsoft applications — all from the ever-growing Xerox® Workflow Central Platform.

The Right Fit for Every Need

Big jobs, small jobs, and everything in between — AltaLink® can be customized to do it all. Your choice of finishing options and accessories means you can configure your device for any type of document.

Stay in the fast lane with access to the Xerox App Gallery. It's your gateway to a growing collection of apps designed to simplify time-consuming, repetitive, or complex processes as your business evolves.

Streamline IT support as your fleet grows. Fleet Orchestrator allows you to automatically and securely adjust configurations and settings on all your devices simultaneously. Perform interactive training and support your users right from your desktop with the Remote Control Panel.

Comprehensive Security

Stop threats where they start with comprehensive protection that's trusted by the most security-minded businesses and governments.

Built-in security, including the AltaLink® Trusted Boot that protects the integrity of the device start-up process from malicious actions, Trellix Whitelisting and integrations* with Trellix ePO®* and Cisco® ISE that neutralize threats instantly at the device and protect the network. Configuration Watchdog monitors and automatically remediates critical IT-defined security settings.

Protect sensitive documents from unintentional disclosure with AltaLink's Imaging Security - a proprietary marking and infrared detection technology.

Native integration with popular SIEM tools simplifies reporting and management of security events. Xerox® Printer Security Audit Service, available as part of Xerox® Intelligent Workplace Services, helps maximize printer fleet, document, and content security.

*Trellix Whitelisting and integrations formerly known as McAfee® Whitelisting and integrations. Trellix ePO® formerly known as McAfee® ePO®. Trellix brand name will be reflected in future firmware releases.

Color Where it Counts

A high-resolution output of 1200 x 2400 dpi and best-in-class HD Super Fine EA Toner plus superior color rendering and consistency will give your documents clarity and impact. You can also upgrade your AltaLink® C8100 Series with the Xerox® EX-c C8100 Print Server Powered by Fiery®, delivering more options for professional-looking documents.



System/Device Specification

For information related to the topics listed below, please consult the Detailed Product Specification document: <https://www.office.xerox.com/>

System Specification
Copy and Print
Mobile and Cloud Ready
Scan
Fax
Security
Print Management
Features and Accessories
Device Specification
System Certification/Regulatory Compliance
Paper Handling
Finishing
Copy
Print
Unified Address Book for Fax, Email, and Scan to...
Device Management
Accounting
Supplies

Digital Front End Specification

For information related to the topics listed below, please consult the Detailed Product Specification document: <https://www.xerox.com/en-us/connectkey/altalink-high-volume-printers>

Xerox® EX-c C8100 Print Server Powered by Fiery® (Optional)

2. Optimum Product Performance

Average Monthly Print Volume and Maximum Duty Cycle

Print Speed and Monthly Volume	AltaLink® C8130	AltaLink® C8135	AltaLink® C8145	AltaLink® C8155	AltaLink® C8170
Simplex Speed ¹ Color/B&W	Up to 30/30 ppm	Up to 35/35 ppm	Up to 45/45 ppm	Up to 55/55 ppm	Up to 70/70 ppm
Average Monthly Print Volume	5,000 to 12,000 pages	5,000 to 15,000 pages	8,000 to 20,000 pages	8,000 to 22,000 pages	10,000 to 40,000 pages
Monthly Duty Cycle	Up to 90,000 pages	Up to 110,000 pages	Up to 200,000 pages	Up to 300,000 pages	Up to 300,000 pages

What is a Duty Cycle?

Duty Cycle is a print device's maximum rated capacity to perform continuously over a single month under normal conditions. It is not expected to be sustained on a regular basis.

What is AMPV?

The average monthly print volume (AMPV) is the print device's rated capacity for consistent performance month after month under normal conditions.

What is the difference between AMPV and Duty Cycle?

When discussing a print device's capabilities, there is often a misconception regarding Duty Cycle and AMPV. Duty Cycles are guidelines for a maximum monthly print volume and not intended for continuous operation, while AMPV allows consistent performance over time under normal conditions.

Printing the maximum monthly print volume over a sustained period is not recommended.

¹Declared in accordance with ISO/IEC 24734

System Productivity

Productivity

The continuous print speeds shown in the table below are for feeds from Trays 1 – 4 Output to the lower center tray. Speed from the Bypass Tray (5) will be slightly lower.

SEF= Short Edge Feed

LEF= Long Edge Feed

Simplex and Duplex Productivity

Size	Weight	C8130 Color/Black Speed		C8135 Color/Black Speed		C8145 Color/Black Speed		C8155 Color/Black Speed		C8170 Color/Black Speed	
		Simplex ppm	Duplex ipm	Simplex ppm	Duplex ipm	Simplex ppm	Duplex ipm	Simplex ppm	Duplex ipm	Simplex ppm	Duplex ipm
8.5 x 11 in./A4 LEF	16 lb – 28 lb Bond (60 gsm – 105 gsm)	30/30	30/30	35/35	35/35	45/45	45/45	55/55	55/55	70/70	70/70
11 x 17 in./A3 SEF	16 lb – 28 lb Bond (60 gsm – 105 gsm)	17/17	11/11	20/20	13/13	22/22	15/15	27/27	19/19	35/35	24/24
8.5 x 14 in./B4 SEF	16 lb – 28 lb Bond (60 gsm – 105 gsm)	20/20	12/12	23/23	14/14	26/26	17/17	32/32	21/21	41/41	26/26
5.5 x 8.5 in./A5 SEF	16 lb – 28 lb Bond (60 gsm – 105 gsm)	30/30	30/30	35/35	35/35	45/45	45/45	55/55	55/55	70/70	70/70
8.5 x 11 in./A4 LEF	Transparency	17/17	NA	17/17	NA	25/25	NA	25/25	NA	32/32	NA
8.5 x 11 in./A4 LEF	Lightweight Cardstock 28 lb Bond – 90 lb Index (106 gsm – 169 gsm)	26/26	26/26	26/26	26/26	36/36	36/36	36/36	36/36	42/42	42/42
11 x 17 in./A3 SEF	Lightweight Cardstock 28 lb Bond – 90 lb Index (106 gsm – 169 gsm)	14/14	9/9	14/14	9/9	18/18	14/14	17/17	13/13	24/24	17/17
8.5 x 14 in./B4 SEF	Lightweight Cardstock 28 lb Bond – 90 lb Index (106 gsm – 169 gsm)	16/16	10/10	16/16	10/10	21/21	16/16	20/20	15/15	28/28	19/19
8.5 x 11 in./A4 LEF	Gloss 80 lb Text – 100 lb Text (106 gsm – 169 gsm)	17/17	17/17	17/17	17/17	25/25	25/25	25/25	25/25	42/42	42/42

Size	Weight	C8130 Color/Black Speed		C8135 Color/Black Speed		C8145 Color/Black Speed		C8155 Color/Black Speed		C8170 Color/Black Speed	
		Simplex ppm	Duplex ipm	Simplex ppm	Duplex ipm	Simplex ppm	Duplex ipm	Simplex ppm	Duplex ipm	Simplex ppm	Duplex ipm
11 x 17 in./A3 SEF	Gloss 80 lb Text – 100 lb Text (106 gsm – 169 gsm)	8/8	5/5	8/8	5/5	14/14	8/8	14/14	8/8	24/24	17/17
8.5 x 14 in./B4 SEF	Gloss 80 lb Text – 100 lb Text (106 gsm – 169 gsm)	10/10	6/6	10/10	6/6	16/16	9/9	16/16	9/9	28/28	19/19
8.5 x 11 in./A4 LEF	Cardstock 65 lb Cover – 120 lb Index (177 gsm – 220 gsm) Heavyweight Cardstock 140 lb Index – 110 lb Cover (257 gsm – 300 gsm)	17/17	17/17*	17/17	17/17*	25/25	25/25*	25/25	25/25*	32/32	32/32*
11 x 17 in./A3 SEF	Cardstock 65 lb Cover – 120 lb Index (177 gsm – 220 gsm) Heavyweight Cardstock 140 lb Index – 110 lb Cover (257 gsm – 300 gsm)	8/8	5/5*	8/8	5/5*	14/14	8/8*	14/14	8/8*	17/17	13/13*
8.5 x 14 in./B4 SEF	Cardstock 65 lb Cover – 120 lb Index (177 gsm – 220 gsm) Heavyweight Cardstock 140 lb Index – 110 lb Cover (257 gsm – 300 gsm)	10/10	6/6*	10/10	6/6*	16/16	9/9*	16/16	9/9*	20/20	15/15*

Size	Weight	C8130 Color/Black Speed		C8135 Color/Black Speed		C8145 Color/Black Speed		C8155 Color/Black Speed		C8170 Color/Black Speed	
		Simplex ppm	Duplex ipm	Simplex ppm	Duplex ipm	Simplex ppm	Duplex ipm	Simplex ppm	Duplex ipm	Simplex ppm	Duplex ipm
8.5 x 11 in./A4 LEF	Glossy Cardstock 65 lb Cover – 120 lb Index (177 gsm – 220 gsm)										
	Heavy Glossy Cardstock 140 lb Index – 110 lb Cover (257 gsm – 300 gsm)	17/17	17/17*	17/17	17/17*	25/25	25/25*	25/25	25/25*	32/32	32/32*
11 x 17 in./A3 SEF	Glossy Cardstock 65 lb Cover – 120 lb Index (177 gsm – 220 gsm)										
	Heavy Glossy Cardstock 140 lb Index – 110 lb Cover (257 gsm – 300 gsm)	8/8	5/5*	8/8	5/5*	14/14	8/8*	14/14	8/8*	17/17	13/13*
8.5 x 14 in./B4 SEF	Glossy Cardstock 65 lb Cover – 120 lb Index (177 gsm – 220 gsm)										
	Heavy Glossy Cardstock 140 lb Index – 110 lb Cover (257 gsm – 300 gsm)	10/10	6/6*	10/10	6/6*	16/16	9/9*	16/16	9/9*	20/20	15/15*

*Auto duplex capable up to 300 gsm. Paper weighing over 220 gsm likely to have some usage restrictions.

Note: The table is for base configuration, dependent on optional accessories, operating environment, and job programming.

Heavy and glossy papers may result in increased image mottle. It is recommended that high-quality papers available through Xerox, with even paper formation, be used to minimize the amount of mottle.

Media and Substrate

- For detailed information on throughput materials, please refer to the Xerox Materials Usage Guide and the Recommended Materials List:
Americas: <https://www.xeroxpaperusa.com/en-us/resources/recommended-media-list>
EMEA: <https://www.xerox.co.uk/printer-supplies/printer-papers/engb.html>
- Media weights heavier than 80 lb Cover (216 gsm) may experience more frequent misfeeds from the High Capacity Feeder
- Using coated (e.g., gloss, matte coated, or photo finished/proofing) media and/or cardstock (i.e., >90 lb Index/164 gsm) may result in degraded reliability performance. Customers using these materials exclusively or extensively will see a decreased performance in image quality and product reliability
- Attempts to feed heavier than recommended paper stocks and/or misuse of the media settings may cause machine damage or poor image quality. Using media at run modes other than that recommended for the grade may cause machine damage and poor image quality
- Specialty media may not provide optimum image quality at the extremes of the environmental range

Environmental Features

- AltaLink® C8100 series delivers cutting-edge reductions in energy consumption
- Conserve energy with green technologies:
 - 2400 dpi, HD Super Fine Emulsion Aggregate (EA) Toner: Lower power required compared to conventional toners for even more energy savings and brilliant glossy output, even on ordinary paper
 - Induction heating: The newly developed, heat-efficient IH fuser does not require preheating, which reduces power consumption in standby mode by 44% compared to a resistance heating device. Plus, the device recovers from sleep mode in less than 10 seconds
 - LED scanner: The power consumption of scanners using LED lighting is 1/3 of traditional scanners using fluorescent lamps
- Manage Resource Usage and Print Responsibly:
 - Energy management: With Cisco® EnergyWise, enabled by Xerox® Power MIB (Management Information Base), you can control, manage, and report your device's power consumption information and set optimal power states and timeout intervals
 - Earth Smart printing: Innovative new Earth Smart feature allows you to choose the most environmentally sensitive options for your print jobs
 - Sustainability features (Xerox® Earth Smart Settings, Duplex, N-up, Turn-off Banner and Print ID, Smart Sample Set, Hold All Jobs)
- Xerox operates a worldwide equipment Take-Back and reuse/recycle program. Contact your Xerox Sales Representative (1-800-ASK-XEROX) to determine whether this Xerox® Product is part of the program. For more information, visit: www.xerox.com/environment

Packaging Take-Back Service for Xerox® Products: Return spent imaging supplies through the Xerox Green World Alliance collection/reuse/recycling program. For more information, visit www.xerox.com/About-Xerox/Recycling

Whenever possible, Xerox encourages you to recycle packaging locally as it reduces greenhouse gas emissions associated with transportation. However, if unable to recycle locally, please check with your local sales and service team for recycling instructions

US only: If unable to recycle locally, we offer a packaging Take-Back and recycling service to our customers for Xerox® Products, where customers pay for the return shipping and Xerox pays for the recycling. If you are interested in this service, please send your packaging to: Xerox Corporation, ESSO – Scrap, 6500 State Route 63, Middletown, OH 45044

The Xerox® AltaLink® C8100 series is Energy Star certified. For more information, please visit the [Industry Certifications site](#).

3. Maintenance and Support

This section helps define the support and services that Xerox will supply and what is expected of the customer.

Software Upgrades

- To ensure that device software is up to date, the product supports automatic software upgrades for general release and maintenance software. Upgrades are installed automatically without user intervention when the Xerox remote services and fleet upgrade options are enabled on devices (default settings). Install timing can be set by the device administrator.
 - The automatic software upgrade can be disabled by the device administrator as documented in the System Administrator Guide

Alternatively, customers can initiate their own upgrades:

- Updated device software along with the software upgrade utility is located on www.xerox.com
- Fleet Orchestrator can be utilized for device/fleet upgrades. Refer to the System Administrator Guide

Support Services

Call Procedure: Xerox Customer Support Centers are available to provide general information, answer questions, and take service calls. You can reach the Customer Support Center at the following toll-free phone numbers:

Technical Support Contact Information			
Geography	Country	Phone Number	Email
Americas	US	1-800-821-2797	
	Canada	1-800 ASK XEROX (800 275 9376)	
	Mexico	800 0093769	
	Brazil	08009793769/70	
	Chile	800200600	cac.xlas@xerox.com
	Peru	80077777	callcenterxper@xerox.com
	Ecuador	1800937691	cac.xlas@xerox.com
EMEA	UK	0370 900 5501	
	France	0825 012 013	
	Switzerland (French-speaking)	043 299 90 01	
	Belgium (French-speaking)	2 713 14 52	
	Embourg (French-speaking)	352 480123	
	Germany	069 999915632	
	Switzerland (German-speaking)	043 299 90 00	

Austria (German-speaking)	01 207 9000	
Italy	02 999 53 428	
Switzerland (Italian-speaking)	043 299 90 02	
Holland	020 656 3620	
Belgium (Flemish-speaking)	2 713 14 53	
Spain	915203346	
Portugal	0707 200578	
Denmark	7010 7288	
Norway	815 00308	
Finland	09 69379666	
Sweden	0771 178808	
Bulgaria	+359 2 4606939	
	+359 2 4606919	
Eurasia	+8 (800) 70088 82 (toll-free for Russia)	
Russia	+7 (495)956 37 12 (toll-free for Moscow)	
Ukraine	+38 (044) 201 20 37 (toll-free for Ukraine)	
Hungary	+36 1 436 8800	
Turkey	+90 212 3547200	
Poland	+22 878 78 78	
Czech	+420 227 036 444	
Slovakia	+421 2 4363 5594	
Israel	+972 73 7151900	
	+972 73 7151919	
Romania	+4021 30 33 600	
India	1 800-103-1225	
	+91 120 5022000	
Egypt	+20224612888	

Customer training is available on a fee basis upon request. Please see your Xerox Customer Representative for details.

Remote Services

Remote Services can be used to obtain Device Support Logs to be sent to Xerox engineering during a problem investigation:

- The device must have access to the Internet either directly or through a proxy
- An administrator initiates a data push from the device's web page. To enable this, please refer to the Systems Administrator Guide

Remote Services enable devices to perform daily data pushes. The daily push sends meters and device "health" information back to Xerox to be used for AMR/ASR, future troubleshooting, and overall understanding of device performance. No PII (personally identifiable information) or CII (customer identifiable information) data is contained in the daily data push.

Supplies and Consumables

Supplies	Description	Quantity		Part Number
Supplies				
		5% Area Coverage ¹	ISO/IEC 19798 ²	
Toner Cartridge (Metered)	Black	36,000 pages	59,000 pages	006R01742
	Cyan	21,000 pages	28,000 pages	006R01743
	Magenta	21,000 pages	28,000 pages	006R01744
	Yellow	21,000 pages	28,000 pages	006R01745
Toner Cartridge (North America and Europe Sold)	Black	36,000 pages	59,000 pages	006R01746
	Cyan	21,000 pages	28,000 pages	006R01747
	Magenta	21,000 pages	28,000 pages	006R01748
	Yellow	21,000 pages	28,000 pages	006R01749
Toner Cartridge (Emerging Markets C8130/C8135 Sold)	Black	36,000 pages	59,000 pages	006R01754
	Cyan	21,000 pages	28,000 pages	006R01755
	Magenta	21,000 pages	28,000 pages	006R01756
	Yellow	21,000 pages	28,000 pages	006R01757
Toner Cartridge (Emerging Markets C8145/C8155/C8170 Sold)	Black	36,000 pages	59,000 pages	006R01758
	Cyan	21,000 pages	28,000 pages	006R01759
	Magenta	21,000 pages	28,000 pages	006R01760
	Yellow	21,000 pages	28,000 pages	006R01761
Transfer Belt Cleaner	1 Assembly	160,000 pages		001R00623
Second Bias Transfer Roll	1 Assembly	200,000 pages		008R08103
Staple Cartridges	For BR Finisher, Integrated Office Finisher, Office Finisher, and Convenience Stapler (1 cartridge per carton)	5,000 each cartridge		008R12964
	For BR Booklet Maker (1 cartridge per carton)	5,000 each cartridge		008R13177
	For Office Finisher Booklet Maker (8 cartridges per carton)	2,000 each cartridge		008R12897
Staple Refills	For Integrated Office Finisher, Office Finisher, BR Finisher, and Convenience Stapler (3 refills per carton)	5,000 each refill		008R12941
Fan Filter	1 Assembly (AltaLink® C8170)	500,000 pages		008R08104
Additional Supply Items				
Drum Cartridge ³	1 Cartridge per Color	180,000 pages		013R00681
Waste Toner Container w/o Suction Filter ⁴	1 Cartridge (AltaLink® C8130/35/45/55)	69,000 pages		008R08101
Waste Toner Container with Suction Filter ⁴	1 Cartridge (AltaLink® C8170)	69,000 pages		008R08102

¹ Toner cartridge yield is based on 5% area coverage on 8.5 x 11 in./A4 LEF. Toner yield can vary due to many factors including, but not limited to, image area coverage, image content, media size, media orientation, run mode, application types, monthly print volumes, and image quality set-points.

² Toner Cartridge yield as declared in accordance with ISO/IEC 19798. Toner yield can vary due to many factors including, but not limited to, image area coverage, image content, media size, media orientation, run mode, application types, monthly print volumes, and image quality set-points.

³ Average drum cartridge yield is based on a run length of 5 pages of 8.5 x 11 in./A4 LEF pages, with a split of 35% color/65% black-and-white pages.

⁴ Waste Toner Container yield will vary depending on the type of image, area coverage percentage, and job run length.

4. Installation Planning

Roles and Responsibilities

This section defines the brand's and the customer's roles and responsibilities and necessary actions.

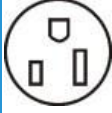

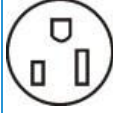
Action	Customer	Xerox
Ensure adequate space and power to configure the Xerox® AltaLink® C8130/C8135/C8145/C8155/C8170	X	
Unpack system/components		X
Install system hardware (excluding EFI option and Envelope Tray), if applicable		X
Install EFI option and components, if applicable (customer-installable)	X	
Install Envelope Tray	X	
Connect all system components prior to powering up the system		X
Install EFI Desktop Accessories on client, if applicable	X	
Ensure network configuration	X	
Confirm network integrity	X	
Acquire and install utilities and print drivers on client PCs	X	
Configure Workflow Scanning	X	
Run initial software diagnostics when directed	X	
Monitor and adjust as required	X	
Load any additional fonts	X	
Order and replace Smart Kits (Drum Cartridges, Second Bias Transfer Roll, Transfer Belt Cleaner, Waste Toner Cartridge, etc.) as needed	X	
Provide helpline support		X
Provide spare parts		X
Provide service		X

Installation Considerations

- There should be a minimum of 61.2 inches (155.6 cm) clearance from the floor to the nearest overhead obstruction
- The Base Configuration unit weighs about 316 lbs (143.1 kg)
- Electrical requirements and space requirements must be satisfied before the equipment is delivered
- One network drop is required for installation

5. Installation Requirements

Electrical Requirements

Western Hemisphere: North America and some South America			
Electrical	C8130/C8135/C8145/C8155	C8170	Convenience Stapler or CZ Fold Options
Voltage	Voltage: 110-127 VAC +/- 10% Frequency: 50/60 Hz +/- 3%, 15 A 	Voltage: 110-127 VAC +/- 10% Frequency: 50/60 Hz +/- 3%, 20 A 	Voltage: 110-127 VAC +/- 10% Frequency: 50/60 Hz +/- 3%, 15 A 
Receptacle	NEMA part #: 5-15R	NEMA part #: 5-20R	NEMA part #: 5-15R
Power Cord Length	8.5 feet (2.59 m)	8.5 feet (2.59 m)	

Eastern Hemisphere: Europe/Asia/South America/Africa			
Electrical	C8130/C8135/C8145/C8155	C8170	Convenience Stapler or CZ Fold Options
Voltage	Voltage: 220-240 VAC +/- 10% Frequency: 50/60 Hz +/- 3%, 10 A	Voltage: 220-240 VAC +/- 10% Frequency: 50/60 Hz +/- 3%, 10 A	Voltage: 220-240 VAC +/- 10% Frequency: 50/60 Hz +/- 3%, 10 A
Receptacle	Consult with local service to determine the country-specific receptacle and confirm the existence of this outlet in the proposed installation space		
Power Cord Length	2.3 meters (7.55 feet)	2.3 meters (7.55 feet)	

*Ethernet cable to be supplied by the customer

Power Cord

Use the power cord supplied with your printer. Plug the power cord directly into a properly grounded electrical outlet. Ensure that each end of the cord is connected securely. If you do not know if an outlet is grounded, ask an electrician to check the outlet.

WARNING: To avoid risk of fire or electrical shock, do not use extension cords, power strips, or power plugs. Always adhere to national and local building, fire, and electrical codes regarding length of cord, conductor size, grounding, and protection.

- Do not use a ground plug to connect the printer to an electrical outlet that does not have a ground connection terminal
- Verify that the printer is plugged into a wall outlet that provides the correct voltage and power. Review the electrical specification of the printer with an electrician if necessary
- Secure the power cord in place using the bracket provided with the printer
- Do not place the printer in an area where people can step on the power cord
- Do not place objects on the power cord
- Do not plug or unplug the power cord while the power switch is in the on position
- If the power cord becomes frayed or worn, replace it
- To avoid electrical shock and damage to the cord, grasp the plug when unplugging the power cord

The power cord is attached to the printer as a plug-in device on the back of the printer. If it is necessary to disconnect all electrical power from the printer, disconnect the power cord from the electrical outlet.

Connectivity for Remote Services

For Client Review of Expectations for Remote Services:	
1	To the extent necessary to fulfill Service agreements, the Customer grants Xerox, without charge, Remote Data Access. This needs to be enabled by the Customer prior to starting Services using the method prescribed by Xerox. The Customer shall cooperate and assist Xerox in providing Remote Data Access at all times. Xerox will not be responsible for failures to meet service levels where Remote Data Access is not fully maintained by the Customer.
2	Upon the request of Xerox, the Customer shall provide key contact information, such as IT contact name and phone number for support of their devices on their network.
3	Most equipment from Xerox is supported and serviced using data that is automatically collected and transferred to Xerox via electronic transmission from equipment through the Customer’s network (“Remote Data”). This Remote Data is considered confidential information under the service agreement terms.
4	Remote Data transmitted from the Customer may include device information such as registration, meter read, supply level, configuration and settings, software version, and problem/fault code data and may be used by Xerox for billing, report generation, supplies replenishment, support services, on-going and future site optimization opportunities, and product improvement purposes.
5	Remote Data Access may also enable Xerox to make available to the Customer maintenance releases or upgrades for software or firmware and to remotely diagnose and modify devices to repair and correct faults.
6	Remote Data will be transmitted to a secure off-site location in a secure manner specified by Xerox in accordance with policies published by Xerox on information security at http://www.xerox.com/information-security/enus.html for your region.
Install Support	
7	For Install Support that includes Xerox System Analysts: The Customer shall contact and/or be contacted by their Xerox Systems Analyst. For Install Support that does not include Xerox System Analysts: The Customer shall first utilize their Product System Administrator Guides available at Xerox.com , under the “Support and Drivers” link and by selecting documentation for their desired product. If unsuccessful, the Customer should go to Xerox.com and select “Technical Product Support” within the “Contacts” link to determine the appropriate contact for further support.
Connectivity Information	
8	See Table Below

Set up Remote Services on the Xerox® Device:			
Use the following to begin the establishment of Remote Services for your new Xerox® Device. This is not to replace the product System Administrator Guide or Installation Guide but to identify certain install tasks that can be completed before and after the delivery of your device. To take advantage of Xerox® Offerings, the device's embedded Device Direct feature must be enabled and/or Xerox Device Agent software such as XDA lite, must be installed on a PC. Devices must be connected and communicating either directly or through Xerox Device Agent to Xerox (or both). The following needs to be completed where applicable:	Who?		
	Customer	Professional Services/Partner	Technical Service Representative
PRE-DELIVERY: Device Networking Tasks:			
<ul style="list-style-type: none"> Non-production Devices: After signing an agreement with Xerox, an email will be sent to you with a web link to download the appropriate software to install on a PC/server that is operational 24/7. 	X		
<ul style="list-style-type: none"> Print Driver Software: Go to the “Support and Drivers” link on Xerox.com. If applicable, print drivers will be available to download and install on your client devices. 	X		
<ul style="list-style-type: none"> Installation by Professional Services (optional): To ensure that Device Remote Connectivity can be established, network data will need to be collected by a Xerox Systems Analyst. A configuration form will be provided and require completion for each device documenting connectivity and network information. Each individual device will require a configuration form, unless all devices are to be configured in the same manner. In those cases, one configuration form along with a list of applicable serial numbers on a separate sheet is acceptable. 	X	X	
<ul style="list-style-type: none"> IT Policy Compliance: You (the Customer) are responsible for obtaining approval for any internal IT policy compliance required for the device/software from Xerox to communicate via your intranet/internet to Xerox. 	X		
POST-DELIVERY/INSTALL: Device Networking Tasks:			
<ul style="list-style-type: none"> Ethernet Cable: You (the Customer) need to provide an Ethernet cable for the device to the network drop. Cable Connection can be completed by the customer or installer depending on requirements. 	X	X	X
<ul style="list-style-type: none"> Sustaining Connectivity: Remote Connectivity must be maintained to take advantage of Xerox® Offerings, which include remote diagnostics, supplies replenishment, and meter reads from appropriate products. 	X		
<ul style="list-style-type: none"> Device Direct (DD) Communications: Each device will need to be communicating to Xerox through the internet via the Xerox Device Direct method for Remote Diagnostics or customer self-help support. Follow the steps below (the Customer) to find out how to set up Device Direct, if required. Setting up Device Direct: <ul style="list-style-type: none"> Go to Xerox.com Select “Support” followed by “All Support” from the pull-down menu In the Support & Driver section, type your product into the “Search by Product” Select your product, then click on the Support link for that product In the search field, enter “Enroll Smart eSolutions” and follow the instructions provided If the search does not return any instructions: <ul style="list-style-type: none"> Click on the Documentation link for your product Open the System Administrators Guide and refer to the section of the guide, Smart eSolutions, which provides information services setup and follow the steps provided 	X	X	X

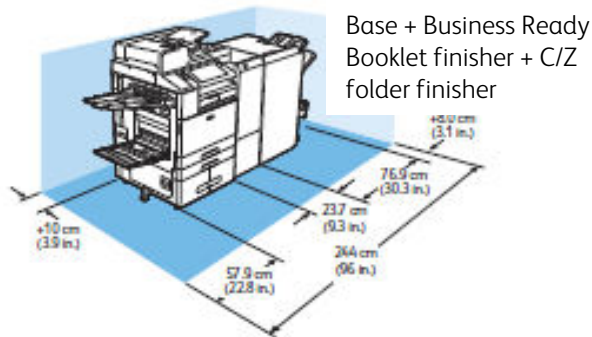
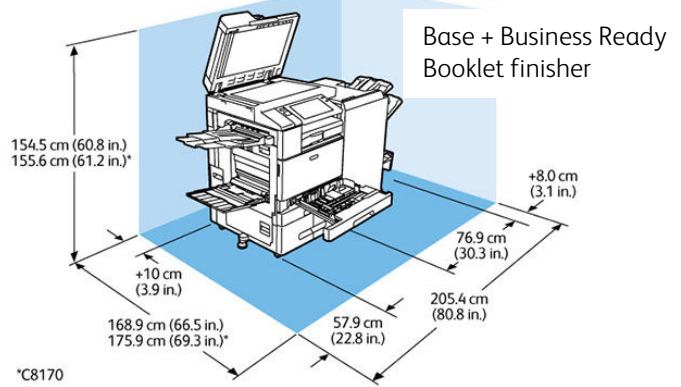
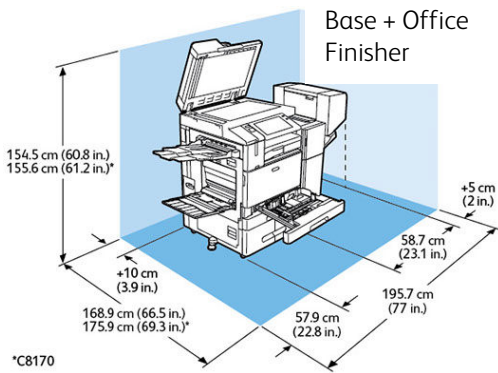
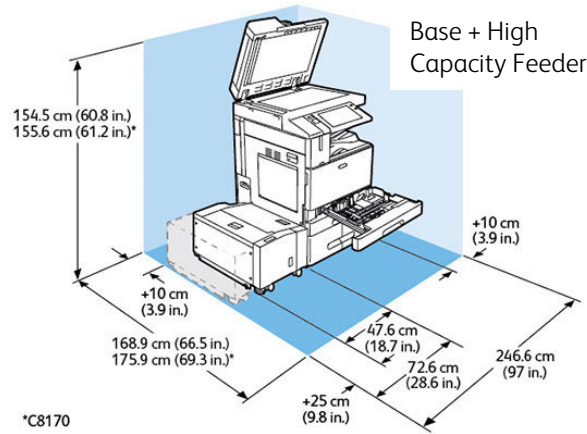
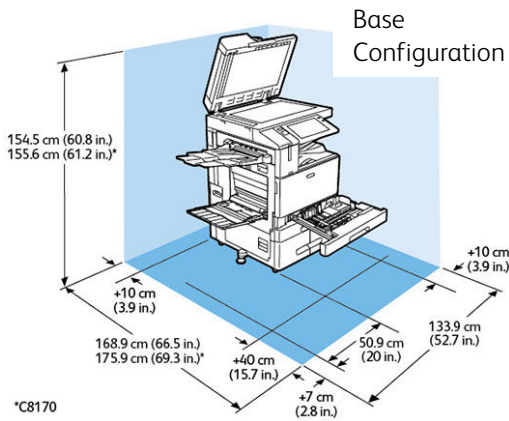
Module Dimensions

Dimensions and Weights for Xerox® AltaLink® C8130/C8135/C8145/C8155 Color Multifunction Printer				
Configuration	Width	Depth	Height	Weight
Base Configuration	24.4 in./620 mm	28.5 in./723 mm	44.5 in./1,130 mm	316 lb./143.1 kg
With Integrated Office Finisher (C8130, C8135, C8145, C8155)	32.2 in./819 mm	28.5 in./723 mm	44.5 in./1,130 mm	340 lb./154.2 kg
With Office Finisher (with Booklet Maker)	47.5 in./1,207 mm	28.5 in./723 mm	44.5 in./1,130 mm	402.3 lb./182.5 kg
Base Configuration with Business Ready (BR) Finisher	55 in./1,395 mm	28.5 in./723 mm	44.5 in./1,130 mm	412.3 lb./187 kg
Base Configuration with BR Booklet Maker Finisher	59 in./1,496.3 mm	28.5 in./723 mm	44.5 in./1,130 mm	449.7 lb./204 kg
Base Configuration with BR Booklet Maker Finisher and C-fold/Z-fold Unit	64.3 in./1,632 mm	28.5 in./723 mm	44.5 in./1,130 mm	560.6 lb./254.3 kg
Base Configuration with BR Booklet Maker Finisher, C-fold/Z-fold Unit and High Capacity Feeder	93 in./2,361 mm	28.5 in./723 mm	44.5 in./1,130 mm	628.8 lb./285.2 kg

Dimensions and Weights for Xerox® AltaLink® C8170 Color Multifunction Printer				
Configuration	Width	Depth	Height	Weight
Base Configuration	24.4 in./620 mm	31.2 in./793 mm	46 in./1,169 mm	352.1 lb./159.7 kg
With Integrated Office Finisher	N/A			
With Office Finisher (with Booklet Maker)	47.5 in./1207 mm	31.2 in./793 mm	46 in./1,169 mm	439 lb./199 kg
Base Configuration with Business Ready (BR) Finisher	55 in./1,395 mm	31.2 in./723 mm	46 in./1,169 mm	448.4 lb./203.4 kg
Base Configuration with BR Booklet Maker Finisher	59 in./1,496.3 mm	31.2 in./723 mm	46 in./1,169 mm	486.3 lb./220.6 kg
Base Configuration with BR Booklet Maker Finisher and C-fold/Z-fold Unit	64.3 in./1,632 mm	31.2 in./723 mm	46 in./1,169 mm	597.2 lb./270.9 kg
Base Configuration with BR Booklet Maker Finisher, C-fold/Z-fold Unit and High Capacity Feeder	93 in./2,361 mm	31.2 in./723 mm	46 in./1,169 mm	665.8 lb./302 kg

Space Requirements/Service Space Envelope

The dimensions shown below provide the overall service space required, including the space to the nearest obstruction. The dimensions reflect both typical and hallway installations and are absolute minimums. In addition, please note that, when referring to the configurations below, the addition of the High Capacity Feeder (HCF) to any configuration will not require any increase in space requirements. The operational space is defined as the minimum required space to enable the operation of the device with bypass trays, output trays, and other functional device capabilities in the fully extended position. The asterisk (*) below denotes C8170 dimensions.



Service Space Requirements for Xerox® AltaLink® C8130/C8135/C8145/C8155 Color Multifunction Printer			
Configuration	Width	Depth	Height
Base Configuration	52.7 in./1339 mm	66.5 in./1689 mm	60.8 in./1545 mm
Base Configuration + Integrated Finisher (Up to 55ppm only)	60.6 in./1538 mm	66.5 in./1689 mm	60.8 in./1545 mm
Base Configuration + Office Finisher (Booklet Maker)	77 in./1957 mm	66.5 in./1689 mm	60.8 in./1545 mm
Base Configuration + Business Ready Finisher	78.5 in./1994 mm	66.5 in./1689 mm	60.8 in./1545 mm
Base Configuration + Business Ready Booklet Finisher	80.8 in./2054 mm	66.5 in./1689 mm	60.8 in./1545 mm
Base Configuration + Business Ready Booklet Finisher + C/Z Folder	90.2 in./2291 mm	66.5 in./1689 mm	60.8 in./1545 mm
Base Configuration + Business Ready Booklet Finisher + C/Z Folder + High Capacity Feeder	97.1 in./2466 mm	66.5 in./1689 mm	60.8 in./1545 mm

*Service Space Requirements for Xerox® AltaLink® C8170 Color Multifunction Printer			
Configuration	Width	Depth	Height
Base Configuration	52.7 in./1339 mm	69.3 in./1759 mm	61.2 in./1556 mm
Base Configuration + Office Finisher (Booklet Maker)	77 in./1957 mm	69.3 in./1759 mm	61.2 in./1556 mm
Base Configuration + Business Ready Finisher	78.5 in./1994 mm	69.3 in./1759 mm	61.2 in./1556 mm
Base Configuration + Business Ready Booklet Finisher	80.8 in./2054 mm	69.3 in./1759 mm	61.2 in./1556 mm
Base Configuration + Business Ready Booklet Finisher + C/Z Folder	90.2 in./2291 mm	69.3 in./1759 mm	61.2 in./1556 mm
Base Configuration + Business Ready Booklet Finisher + C/Z Folder + High Capacity Feeder	97.1 in./2466 mm	69.3 in./1759 mm	61.2 in./1556 mm

Mobility Plate Information

Carpeted flooring surfaces may require the installation of a mobility plate on the device and finishers to allow the product to be moved during normal maintenance activities.

Audible Noise

	C8130/C8135	C8145/C8155	C8170
Sound Power Levels Operating	63.9 dB(A)	68.3 dB(A)	71.3 dB(A)
Standby	3.32 dB(A)	3.35 dB(A)	3.31 dB(A)

Network Requirements

- The customer is responsible for connecting and configuring the equipment on their network
- One network drop is required for installation

Fax Telephone Line Requirements (Optional)

If the fax option is installed, the following telephone line requirements are applicable:

The telephone wall jack should be within 7 feet/2.13 meters of the middle left side of the back of the unit.

- Telephone Service Supported:
 - Sole-use, non-switchboard (direct dial)
 - RJ11 – 6-position, 4-pin modular jack
 - Single analog line
- Fax over IP (FoIP) is not supported via device analog fax option. Consider Server Fax or enterprise fax solutions or apps for use with FoIP. Contact your sales representative for more information

Convenience Stapler (Optional)

This requires a separate power outlet. Refer to section 5 electrical requirements. The same electrical outlet as the device may be used, if no other devices are present on the line. Worksurface is optional.

Sleep Mode Settings

The device automatically switches to Sleep mode after a period of inactivity or when the Smart Proximity Sensor detects that the user has walked away from the device. The customer has the ability to change the timer to a max value of 60 or 120 minutes (depending on the speed of the device) and/or disable the Smart Proximity Sensor as they see fit. The customer also has the ability to schedule when the device will enter and exit Sleep mode. The device automatically wakes from Sleep mode when either the Smart Proximity Sensor detects an object, a UI button is pressed, a print or fax job is received, or a smart card is swiped. Sleep mode settings will affect energy efficiency.

Auto Power Off Settings

The device automatically switches to OFF mode after a period of inactivity if the customer chooses to enable it. The timer for this inactivity period can be set from 1-72 hours.

6. Operational Considerations

Image Quality Expectations

Image Quality

- The C8100 series is designed to produce consistent, uniform color and monochrome prints and copies in the product's specified Average Monthly Print Volume range
- The C8100 series is designed to produce a uniform image. Image Quality is subjective and can be impacted by lighting and is strongly influenced by paper
- Sustained production of high area coverage documents could result in a degradation of print quality

Quality, Color Management, and Print Resolution

- The appearance of the document displayed on the computer monitor screen may not match the output print due to the following reasons:
 - The range of colors that can be produced in print is different than the range of colors that can be displayed on a computer screen
 - Different display technologies have different reproductions of color
- Printed colors appear differently under different light sources
- The customer is responsible for calibration by using the provided copy and print calibration routines
- The Postscript and PCL drivers contain the ability to adjust the print quality. Image adjustments include color correction modes, ability to render images at either 600 x 600 dpi (contone or binary) or 1200x1200 dpi (binary only). All images are marked at 2400x1200 dpi. ICC profiles can adjust how RGB and CMYK objects are reproduced. There are differences between the PS, and PCL driver based on PDL image-path limitations
- When the print drivers "Color" output mode is selected, grayscale images in applications may print using composite grays, which contain a visually neutral combination of C, M, Y, and K. Pages are not guaranteed to print and bill as monochrome unless the "Black and White" output color mode is selected in the print driver

Print Expectations

Duplex (2-sided) Copying/Printing

- The Xerox® Altalink® C8100 Series can automatically perform two-sided (duplex) copying or printing on media sizes up to 12 x 19 in. (SRA3) and 300 gsm paper. Note: Paper weighing over 220 gsm is likely to have some usage restrictions
- Manual duplex can be performed on media up to 110 lb Cover (300 gsm) 12 x 19 in. (SRA3) from Tray 5 (Bypass)
- Full duplex print productivity is achieved except when paper exits to the top center tray

Registration

Printing registration specifications for 8.5 x 11 in./A4:

- ± 1.5 mm (side 1), ± 1.9 mm (side 2) along the Lead Edge
- ± 2.0 mm (side 1), ± 2.4 mm (side 2) mm along the Side Edge from Trays 1-4
- Lead Edge is ± 2.2 mm
- Side Edge ± 3.0 mm for bypass tray

Skew registration specification from side-to-side feeding for 8.5 x 11 in./A4:

- From Tray 1-4 is ± 3 mm (side 1), ± 4 mm (side 2)
- From Bypass Tray, skew is ± 4 mm

Maximum Printable Area

The product will reproduce 11x17 in. when printing on 12x18 in. paper and A3 when printing on SRA3 paper. The maximum length images (1314.8 mm) are only produced on media 52 in. long/banner. On all media, there is a Lead Edge deletion of 4 mm and a Trail Edge deletion of 2 mm. The Side Edge deletion varies with paper size. For paper less than 12 in. wide, the Side Edge deletion is 2 mm per edge. For widths greater than 12 in., the Side Edge deletion is determined by the paper width less the imageable area divided by 2.

Max Image Area: 12x18.76 in./305 mm x 476.6 mm (52 in. /1314.8 mm banner)

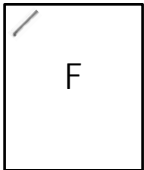
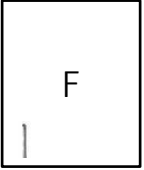

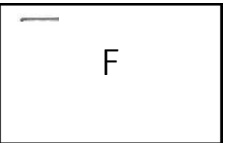
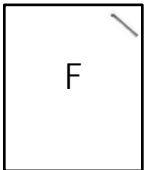
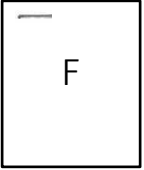


Maximum Image Assurance Area: 11.7x18.76 in./297x476.6 mm

Finishing Stapling Positions

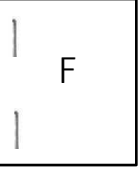
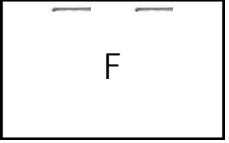
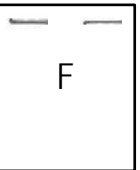

The below diagrams illustrate the various stapling positions that can be selected with the optional Finisher Accessories.

Integrated Office Finisher supported on AltaLink® C8130/8135/8145/8155

Single Stapling

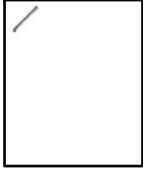
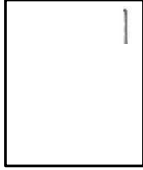


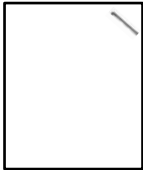
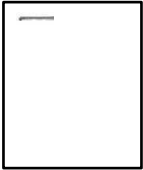
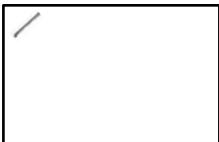

	Vertical Text		Horizontal Text	
	Front staple	Rear staple	Front staple	Rear staple
LEF				
SEF				

Dual Stapling

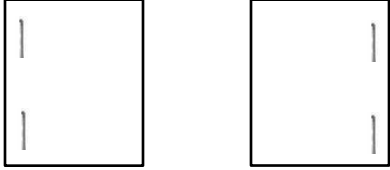

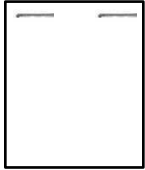
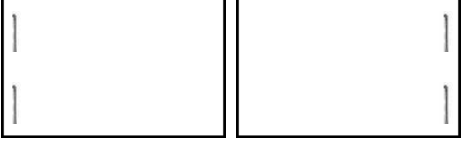
	Vertical Text	Horizontal Text
LEF		
SEF		

Office Finisher supported on AltaLink® C8130/C8135/C8145/C8155/C8170

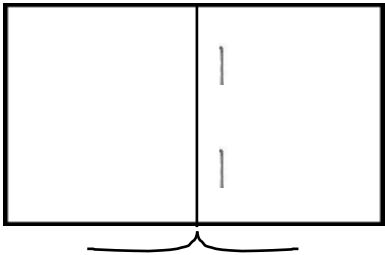
Single Position Stapling

Paper Feed Direction	Portrait		Landscape	
	Front corner stapling	Rear straight stapling	Front corner stapling	Rear straight stapling
LEF Executive, Letter, Letter-Cover, A4, A4-Cover, B5				
SEF Letter, Letter-Cover, Legal, Ledger, A4, A4-Cover, A3				

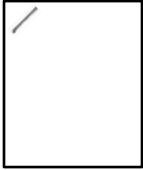
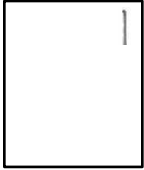


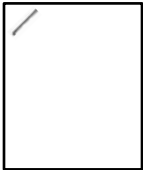
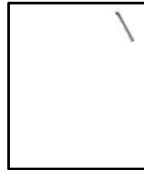

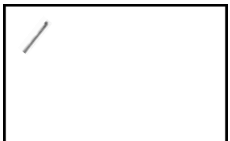
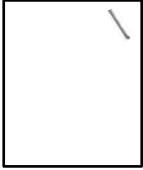
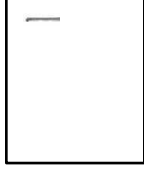


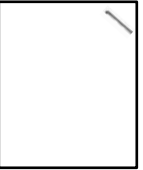
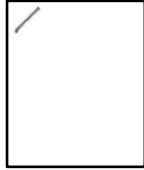
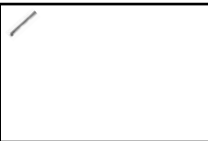

Dual Position Stapling

Paper Feed Direction	Portrait	Landscape
LEF Executive, Letter, Letter-Cover, A4, A4-Cover, B5		
SEF Letter, Letter-Cover, Legal, Ledger, A4, A4-Cover, A3		

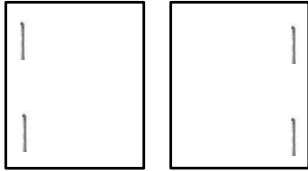

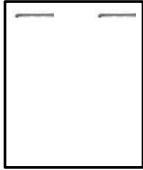
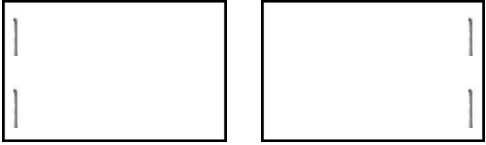
Booklet Saddle Staple

SEF	<p>Supported when the paper's cross-feed length is between 210.0 to 297.0 mm and feed length is between 279.4 to 432.0 mm.</p> <p>Letter, Letter-Cover, A4, A4-Cover, Special A4, Spanish, Legal, 11X15, B4, A3, Ledger</p>	
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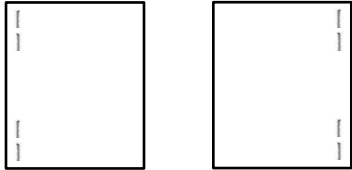

Business Ready (BR) Finisher supported on AltaLink® C8130/8135/8145/8155/8170

	Portrait		Landscape	
Paper size	Front corner stapling	Rear straight stapling	Front corner stapling	Rear straight stapling
LEF Cross-feed length smaller than 250.0 mm (including custom sizes) No regular sizes				
LEF Cross-feed length of 250.0 mm or above (including custom sizes) B5, Executive, 16K (TFX) 16K (GCO), UK-Quatro, Letter, Letter-Cover, A4, A4-Cover				
SEF Cross-feed length smaller than 250.0 mm (including custom sizes) UK-Quatro, Letter, Foolscap, Letter-Cover, A4, A4-Cover, Special A4, Spanish, Legal				
SEF Cross-feed length of 250.0 mm or above (including customer sizes) 11x15, B4,8K (TFX) 8K (GCO), A3, Ledger				

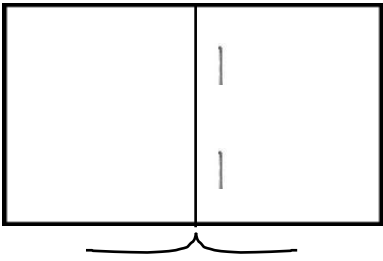
Dual Position Stapling

Pape Size	Portrait	Landscape
LEF Same as single staple		
SEF Same as single staple		

4-Position Staple

	Paper Size	Portrait	Landscape
LEF	Cross-feed length of 297.0 mm or 279.4 mm (11 inch) and feed length between 182.0 mm and 216.0 mm (8.5 inch) A4, Letter		

Booklet Saddle Staple

SEF	Supported when the paper's cross-feed length is between 210.0 to 330.0 mm and feed length is between 279.4 to 457.2 mm. B5, Executive, Letter, Letter-Cover, A4, A4-Cover, Special A4, Spanish, Legal, 11X15, B4, A3, Ledger	
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Non-standard Paper Sizes

- Plain paper with a feed length below 5.5 in. (140 mm) may jam more frequently and is not supported
- Envelopes without windows are supported through the bypass tray in sizes Monarch, DL, C5, and No. 10 (other custom sizes are supported as well). Envelope feeding reliability is highly dependent on the envelope used and the area coverage of the image being affixed to the envelope
- The optional envelope tray replaces Tray 1. The Customer is responsible for installing the envelope tray
- Envelope printing should not be used as a primary application

For further media details, refer to the recommended materials list links here:

Americas: <https://www.xeroxpaperusa.com/en-us/resources/recommended-media-list>

EMEA: <https://www.xerox.co.uk/printer-supplies/printer-papers/engb.html>

USB Print

- Independent Enabling/Disabling of USB Ports
- USB Media Print enables walk-up users to print “Print-Ready” files (PDF, PDF/A, TIFF, JPEG, TIFF) directly from most standard (FAT-32 formatted) USB Thumb Drives
- Files are sent directly from the USB drive to the print controller

Xerox® Printer Support Apps (PSA) for Microsoft® Universal Print

Microsoft® has added support for Printer Support Apps (PSA) to their Universal Print offering. This offers the ability to expose advanced print settings for Universal Print users. When “Print Properties” is selected on a Universal Print job, the Xerox® Printer Support Apps load and offer the same enhanced, fully featured, Xerox branded user experience as the Xerox V4 Print Driver.

Print Around

The Print Around feature holds a job needing additional resources (such as a different paper size) and prints the next job in queue. This function allows the device to keep working, while making sure jobs are printed correctly.

Network Connectivity Expectations

The Xerox® AltaLink® C8130/C8135/C8145/C8155/C8170 supports the following concurrent network operations:

- Wired and Wi-Fi-Direct concurrently
- Wireless and Wi-Fi-Direct concurrently

The AltaLink® C8130/C8135/C8145/C8155/C8170 does not provide concurrent wired and wireless connectivity.

USB Wireless Network Adapter

- Your Xerox® Device can be equipped with an optional Xerox USB 802.11b/g/n/ac (dual band: 2.4 GHz and 5 GHz) Wireless Adapter to enable Wi-Fi and/or Wi-Fi Direct connectivity. When utilizing this

Xerox® Device over Wi-Fi, it is important to understand the performance impacts that may result from Wi-Fi technology. Compared to a wired Ethernet connection, Wi-Fi performance varies significantly due to many factors that are specific to wireless technology

- Some of these factors include: Wi-Fi LAN Overhead, Proximity to Access Point (AP) and Physical Obstacles (i.e. Signal Strength), Network Usage/AP Loading, and Radio Frequency (RF) Interference

Bluetooth Kit: (Optional Accessory)

- Your Xerox® Device can be equipped with an optional Xerox Bluetooth Kit to enable AirPrint™ printer discovery via iBeacon
- iBeacon simplifies local AirPrint™ printer discovery and removes the need for AirPrint™ clients and the printer to be on the same subnet
- For more information, refer to Xerox System Administrators guide

Scanning Expectations

The Xerox® AltaLink® C8130/C8135/C8145/C8155/C8170 supports Scan to Network Folder (uses Unified Address Book entries), Scan to USB, Scan to PC via USB port, Scan to Mailbox, Scan to Home, Scan to Email, Scan to FTP, sFTP and HTTPS, and Scan to PC/Server Client (SMB or FTP) functionality as standard.

Scan Resolution

- The maximum image scan resolution is 600 dpi. The default scan resolution is set to 200 dpi.

Note: Several resolution settings are selectable via the User Interface touch panel. Lower resolutions will result in files that are smaller in size, thereby reducing network traffic

- When scanning, the OCR processing, image compression, file formatting, and file transfer operations all continue after the job has been completed

Security Expectations

The Xerox® AltaLink® family of products are designed to be secure out of the box. Through the use of industry-standard technologies combined with Xerox proprietary technology, our customers can be confident that their documents and intellectual property are safe from malicious actions. Additionally, Xerox® AltaLink® C8130/C8135/C8145/C8155/C8170 employ industry-leading technologies to secure our products; thus protecting them from cyber-attacks and ensuring that our products are secure network devices.

Refer to Information Assurance Disclosure (Security Guide) and Secure Installation and Operations Guides at www.xerox.com/security for detailed security capabilities under AltaLink®.

Touchscreen User Interface Notifications and Banners Expectations

The user interface of the Xerox® AltaLink® series has a notification area to display banners that alert the user.

New locations for actions:

- The Pause button has been moved to the Job Progress monitor and the Jobs app
- The Interrupt button has been moved to the Jobs app
- Device Information (IP Address, etc.) resides on the Home Screen's title bar

Xerox Extensible Interface Platform® (EIP) Expectations

Extensible Interface Platform Third Gen EIP Browser WebKit/GTK includes:

- Recent supporting technology
- Increased implementation coverage of various industry standards
- Assist EIP Application Developers with more features

Since the Second Gen EIP Browser is no longer available, visual/behavioral updates may be required in EIP Apps developed in the earlier versions.

For further details on this change, EIP in general, or EIP 5.0 specifically, please refer to the EIP Partner Portal (<https://www.office.xerox.com/en-us/eip>) and download/access the EIP SDK as needed.

External Keyboard Expectations

- The external keyboard has limited functionality with Xerox and partner solutions
- Function keys (e.g. F1-F12) (outside of its use for Control Panel Button shortcuts) (not supported)
- Page Up, Page Down, Print Screen, Scroll Lock, Ctrl, Alt, and Pause keys or other PC/macOS specific keys are not supported
- No support for key repeat
- No mouse support
- No support for wireless keyboards

Service Uptime

The number of copies or prints between service calls on a digital color copier/printer is highly dependent on customer expectations of quality and the use of applications and throughput materials.

Solutions

The full list of supported solutions can be found at: www.office.xerox.com/software-solutions

Operational Definitions

Operational Definitions	
1-Sided	Printing on only one side of the substrate
2-Sided	Printing on both sides of the substrate
AMPV	The average monthly print volume (AMPV) is the rated capacity for consistent performance month after month under normal conditions
Daily Maintenance	Maintenance that the customer operator must complete daily to maintain quality printing
DPI	Dots Per Inch or physical resolution of the printing device
Duplex	Printing on both sides of the substrate
Duty Cycle	The printer's maximum monthly print volume. Duty cycles are guidelines and not intended for continuous operation
gsm	Grams per Square Meter
Image Registration	The alignment of the individual CMYK image to each other on the printed piece
ipm	Images per minute
lb.	Pounds
Maximum Paper Size	The largest substrate that can be physically run through the device
Maximum Print Area	The largest area that can be printed on a substrate
Media/Substrate	The material that can be imaged through a device (e.g. uncoated, coated, cover stock, transparency, etc.)
Operator Maintenance	Maintenance tasks the customer is responsible for completing
Paper Registration	The placement/alignment of the image on the sheet and sheet to sheet
Periodic Maintenance	Maintenance that occurs based on print volume
Preventative Maintenance	Any actions that are taken to prevent downtime and maintain quality printing
Print Quality	The characteristic of printed material evaluated in terms of color, register, clarity, and the degree to which it resembles the original image
Print Speed	The rated speed that a device can print
Simplex	Printing on only one side of the substrate
Uptime	The time that the device is available for printing

7. EX-c C8100 Print Server Option – Product Overview

Xerox® EX-c C8100 Print Server Powered by Fiery®

Make your Xerox® AltaLink® C8100 Series Color Multifunction Printer even more productive by adding the Xerox® EX-c C8100 Print Server. Easily produce professional, finished documents with accurate color without expert knowledge.

- Print more documents faster
- Accurate, consistent color
- Create professional, finished materials quickly and easily
- Integrate with standard workflows
- Reduce costs

FIERY DRIVEN™ ENGINES

- Xerox® AltaLink® C8130/C8135/C8145/C8155/C8170 Color Multifunction Printers
- Supports all engine finishing devices



Standard Features

- Network architecture supports TCP/IPv4, TCP/IP v6, DHCP, DNS, WINS, NTP, SMB (Microsoft peer to peer), Bonjour, HTTP/HTTPS, LDAP, SNMP, SNTTP, SMTP, TLS 1.2
- Native document conversion is the automatic conversion and printing of Microsoft Office native files (Word, PowerPoint, Excel)
- The USB Media Print feature provides an easy way to connect USB mass storage devices to the EX-c C8100 Print Server and print files from the mass storage device. Folders can also be created on the mass storage device for automatic printing
- Booklet Maker provides a wizard-based graphical user interface, which guides the user through the process of defining a booklet through a step-by-step process
- Direct Mobile Print allows users to print directly from a mobile device to the EX-c C8100 Print Server, which resides on the same wireless network
- Unique administrator password

EX-c C8100 Print Server Options

Supported Purchasable Options

- Fiery Options Bundle
- Includes: Fiery Spot-On, Auto Trapping, Hot Folders/Virtual Printers
- Fiery Hub Kit (Enables Dual IP configurations)

- Fiery Color Profiler Suite with EFI ES-2000 spectrophotometer
- Fiery Hot Folders & Virtual Printers
- Fiery Spot-On

Installation Planning

Roles and Responsibilities

Action	Customer	Xerox
Install the EFI Device	X	
Unpack and install EFI Option/components	X	
Install the utilities and printer drivers on client PCs	X	
Ensure network configuration	X	
Confirm network integrity	X	

Installation Considerations

Network Switch (Fiery Hub Kit)

When the **EX-c C8100 Print Server** is connected, it allows only one network drop with only one IP address (single IP) for the complete system (C8100 Series + Fiery Controller). Certain EIP applications (Xerox Solutions applications or Third Party Applications, etc.) are supported when in a single IP configuration. The Network Switch can be added to allow the customer to still have one network drop with a two IP address configuration to support other EIP applications (Xerox Solutions applications or Third Party Applications, etc.). This allows the EIP application direct access to the C8100 Series.

Installation Requirements

Space Requirements/Service Space Envelope

Recommend a minimum of 1 in./25.4 mm clearance for proper air flow to the fan

The **EX-c C8100 Print Server** stands beside or behind the print engine. The Fiery server connects to the print engine Ethernet port via a 10ft. (3.05 m.) crossover cable.

The **EX-c C8100 Print Server** was designed to be customer installable; however, it can be a billed Xerox install.

The **EX-c C8100 Print Server** has a separate power cord, which plugs into the customer's wall outlet.

Physical Specifications

- Dimensions (Depth x Width x Height):
 - 19.5 cm (7.7 in.) x 10.0 cm (2.8 in.) x 19.8 cm (7.8 in.) (dimensions with support stand)
 - 19.5 cm (7.7 in.) x 5.7 cm (2.2 in.) x 19.5 cm (7.7 in.) (dimensions without support stand)
 - Weight: 2.7 kg (6.0 lb.)
 - Server Shipping Box: 12.5 in. x 9.5 in. x 12.5 in.
 - Server Shipping Weight: 6.0 lbs

Environmental Requirements

Operating Environment:

- Temperature: +50° to 104° F (10° to 40° C)
 - Relative humidity: 10% to 85% (non-condensing)
 - Power supply rating: 100 - 240V, 50-60Hz, 1.5 Amps
 - Power consumption: (Typical) 20W, 0.2 Amps, (Maximum) 60 W, 0.6 Amps

Network Specifications

The Customer is responsible for supplying one network drop to enable the installation.

Protocol	Printing Services	Supported Frame Types
TCP/IP (IPv4 & IPv6)	LPD/LPR	Ethernet
Bonjour	Port 9100	
IPP	SMB	
SLP	Email (POP3/IMAP)	
DHCP	WSD	
HTTP		
LDAP		
NetBios over TCP/IP (NBT)		
SMTP		
SNMP		
SNTP		
TLS (1.2 and 1.1)		

Note: IPv6 connectivity to the MFP will not be operational when the EFI controller is connected

EX-c C8100 Print Server Specifications

- AMD GX-424CC processor, 2.4 GHz, Quad-Core, 2M cache
- 2 GB memory (ESS)
- 500 GB hard drive
- 10BaseT/100BaseTX/1000BaseT network port for network printing
- 10BaseT/100BaseTX printer port for an Ethernet cable to the printer
- 2 USB 2.0 ports and 2 USB 3.0 ports
- Linux operating system
- Fiery FS350 software
- Power button

Printer Driver Support

- Windows 8.1, Windows 10, Windows Server 2012 64-bit only, Windows 2012 R2 64-bit only, Windows Server 2016 64-bit only, Windows 2019 64-bit only
- Microsoft Certified Drivers (WHQL)

Mac (Intel)

- macOS X v10.11
- macOS Sierra 10.12
- macOS High Sierra 10.13
- macOS Mojave 10.14
- macOS Catalina 10.15

SAP

- The Fiery server supports SAP printing through a generic PostScript printer driver. This driver supports functionality for page sizes (Letter, Legal, A3, A5, and Executive), duplex printing, and finishing options
 - The general workflow for SAP printing to the EX-c C8100 Print Server would be as follows:
 - From the SAP system, configure the printer to point to a Fiery as a virtual printer port
 - The virtual printer can provide the finishing options for the printer
 - Duplex and page size options are configured in the SAP system

Unix

- The Fiery server supports Unix printing through a generic PostScript printer driver. Workaround options for Linux could also apply to Unix. More information is available at the following link: https://communities.efi.com/s/feed/0D5f200006d85f4CAA?language=en_US

Operational Considerations

Supported Solutions (non-comprehensive list)

Compatible print management applications include Xerox® Workplace Suite, PaperCut MF/NG, Kofax Equitrac Office/Express, YSoft SafeQ, Cirrato One, and more. For a complete list of integrations, please visit: <http://fiery.efi.com/xerox-apps>

It integrates with many Xerox App Gallery apps to increase user productivity by simplifying and shortening everyday tasks.

System Overview (How it Works)

Powerful Combination - EFI Printing with the Xerox Copy, Scan, and Fax workflow

- EFI Print
 - Fiery Driver or Fiery Command WorkStation
- Copy
 - C8100 Series Copy Feature Set and behavior
- Faxing
 - C8100 Series Feature Set and behavior
- Scan/Email
 - C8100 Series Scan and Email feature set and behavior
- Mobile Print
 - C8100 Series Mobile Print feature set and behavior

Software Updates

Periodically, Xerox will make software releases available. The **EX-c C8100 Print Server** must have an Internet connection to take advantage of automatic updates and ensure that the solution is maintained with the latest software and fixes. All software releases are designed to be customer installable from the Internet and it will be the customer's responsibility to ensure Internet access and perform the upgrade activities.

Reference Material

A complete set of virtual customer documentation is provided with the **EX-c C8100 Print Server**.

User documentation in other languages is also available at the following link:

<http://services.efi.com/support/vfigs/9019710383/>