Xerox® AltaLink® Multifunction Printers

B8145/B8155/B8170

xerox™

AltaLink® B8100 Series Multifunction Printers are built on Xerox® ConnectKey® Technology. For more information, go to **www.ConnectKey.com**.

System Specification	AltaLink® B8145	AltaLink® B8155	AltaLink® B8170
Speed	Up to 45 ppm	Up to 55 ppm	Up to 72 ppm
Monthly Duty Cycle[1]	Up to 200,000 pages	Up to 250,000 pages	Up to 300,000 pages
Hard Drive / Processor / Memory	Minimum 128 GB SSD / **Optional:** 500 GB HDD / Intel® Atom™ Quad Core 1.91 GHz / 4 GB system memory		
Connectivity	Ethernet 10/100/1000 Base-T, High-speed USB 2.0 direct print, Wi-Fi/Wi-Fi Direct with optional Xerox® Dual Band Wireless Kit, NFC, Bluetooth (iBeacon)		
Controller Features	Unified Address Book, Remote Control Panel, Configuration Cloning, Fleet Orchestrator, Configuration Watchdog		
Copy and Print			
Copy and Print Resolution	**Copy:** Up to 600 x 600 dpi; **Print:** Up to 1200 x 2400 dpi		
First-Print-Out Time (as fast as)	3.8 seconds	3.2 seconds	3.0 seconds
First-Copy-Out Time (as fast as) (from platen/ warmed up state)	4.4 seconds	3.7 seconds	3.2 seconds
Page Description Language	Adobe® PostScript® 3™, Adobe® PDF, PCL® 5c / PCL® 6		
Print Features	Print from USB, Print from Cloud Repositories (Dropbox, One Drive and Google Drive), Encrypted Secure Print, Xerox® Earth Smart Driver Settings, Job Identification, Booklet Layout, Store and Recall Driver Settings, Bi-directional Real-time Status, Scaling, Job Monitoring, Application Defaults, Two-sided Printing (as default), Hold All Jobs, Long Sheet (Banner) Printing, Print Around, Print on Alternate Paper		
Mobile and Cloud Ready			
Mobile Connectivity	Near-Field Communication (NFC); **Optional:** Wi-Fi Direct, Wi-Fi (802.11 b/g/n/ac), AirPrint (iOS) including iBeacon (Bluetooth)		
Mobile Printing	AirPrint®, Mopria®, Xerox® Print Service (Android), @PrintByXerox App; **Optional:** Xerox® Workplace Mobile App (iOS/Android)		
Mobile Scanning	AirPrint®, Mopria®; **Optional:** Xerox® Workplace Mobile App (iOS/Android)		
Mobile Apps and Xerox® App Gallery	Automate everyday processes with apps that translate, redact, eSign, personalize print, convert, route, collaborate and communicate. Visit **xerox.com/WorkplaceApps** to find apps by industry or workflow. Software and services: Xerox® DocuShare® (**xerox.com/ecm**), XMPie® (**xerox.com/XMPie**), Xerox® Workplace Solutions (**xerox.com/WorkplaceSolutions**).		
Xerox® Workplace Suite and Xerox® Workplace Cloud	**Optional:** Xerox® Workplace Suite is a modular set of workflows designed to save customers time and money by providing effective control over their print fleet, while enabling worker productivity and mobility through a set of robust workflows. Xerox enables ultimate customer flexibility by offering these capabilities in both an on-premises server version (Workplace Suite) and with a cloud based-version (Workplace Cloud) of this solution.		

Xerox® AltaLink® B8145/B8155/B8170 Multifunction Printer

Scan	
Standard Features	**Destinations:** Scan to USB / Email / Network (FTP/SMB), HTTP, HTTPS, SFTP destinations; **File Formats:** PDF, PDF/A, XPS, JPEG, TIFF; **Convenience Features:** Scan Preview, Scan to Home, Searchable PDF, Single/Multi-Page PDF / XPS / TIFF, Password Protected PDF, Unified Address Book, Optical Character Recognition (OCR), Scan to Folder, 1-Touch Apps, TWAIN Support
Optional Features	Scan to Cloud Repositories (Dropbox, One Drive and Google Drive)[2]. Xerox® Scanning App for DocuShare®, other solutions available through various Xerox Business Innovation Partners at **xerox.com/Software-Solutions**

Fax	
Standard Features	Internet Fax, Network Server Fax Enablement, Fax Build Job
Optional Features	Walk-up Fax (one-line and two-line options available, includes LAN Fax, Direct Fax, Fax Forward to Email or SMB Share)

Security	
Standard Features	802.1x, IPsec, HTTPS, SFTP and Encrypted Email, McAfee® Embedded Control Whitelisting, McAfee® ePolicy Orchestrator®, McAfee Enterprise Security Manager[2], LogRhythm SIEM[2], Network Authentication, SNMPv3, SHA-256 Hash Message Authentication, TLS 1.1/1.2, Security Certificates utilizing ECDSA, Automatic Self-signed Certificate, Cisco® Identity Services Engine (ISE) integration, automated threat response through McAfee® DXL/Cisco® pxGrid integration, Local Authentication (Internal Database), FIPS 140-2. User Access and Internal Firewall, Port/IP/Domain Filtering, Audit Log, Access Control, User Permissions, Configuration Watchdog, TPM, Trusted Boot Encrypted Storage Drive (AES 256-bit, FIPS 140-2), Firmware Verification, Job Level Encryption via HTTPS and Drivers, Signed Email Under evaluation for Common Criteria Certification (ISO 15408), Encrypted Secure Print
Optional Features	McAfee® Integrity Control, Smart Card Enablement Kit (CAC/PIV/.NET)[3], Xerox® Integrated RFID Card Reader, Encrypted Hard Disk (AES 256-bit, FIPS 140-2) with Image Overwrite, Xerox® Workplace Cloud/Suite Print Management and Content Security; learn more at **xerox.com/WorkplaceSolutions**

Print Management	
Standard Features	Xerox® Standard Accounting (Copy, Print, Scan, Fax, Email), Network Accounting Enablement
Optional Features	Xerox® Workplace Cloud/Suite, other network accounting solutions available through various Xerox Business Innovation Partners. Xerox® Virtual Print Management Service; learn more at **xerox.com/PrintManagement**

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Single-Pass Duplex Automatic Document Feeder (DADF) saves time by simultaneously scanning both sides of two-sided documents up to 270 impressions per minute (ipm).

USER INTERFACE

Intuitive Tablet-Like 10.1-inch Color Touchscreen is customizable and lets you perform tasks in just a few taps. Try it out at **xerox.com/AltaLink8100UI**.

PAPER INPUT[4]

Two 520-sheet Adjustable Trays (common with all configurations). Tray 1 handles media sizes up to 11.7 x 17 in. / A3 and Tray 2 handles media sizes up to 12 x 18 in. / SRA3.

Envelope Kit (optional — replaces Tray 1) provides feeding of up to 60 envelopes.

High Capacity Tandem Tray Configuration holds a total paper capacity of up to 3,140 sheets.

Bypass Tray handles up to 100 sheets; Custom sizes: 3.5 x 3.9 to 12.6 x 52 in. / 89 x 98 mm to 320 x 1,320 mm.

High Capacity Feeder (optional) holds 3,000 sheets of letter/A4 paper, increasing the maximum paper capacity to 6,140 sheets.

INNOVATIVE TECHNOLOGIES

Xerox® Integrated RFID Card Reader (optional) adds card-based authentication with support for over 90 access cards.

Near Field Communication (NFC) Tap-to-Pair allows users to tap their mobile device to the AltaLink B8100 Series user panel and quickly connect with the MFP.

Smart Proximity Sensor detects when users are nearby. It conserves energy during inactive periods and automatically activates the device when a user approaches.

PAPER OUTPUT / FINISHERS[4]

Office Finisher (optional) provides advanced finishing functions, optional crease/score and saddle-stitch booklet, making it capable of 60-page booklets (2 to 15 sheets).

Business Ready (BR) Finisher (optional) gives you advanced finishing functions at a great value.

C-Fold/Z-Fold Unit (optional) adds C-fold, Z-fold and Z-half-fold to the BR Finisher or BR Booklet Maker Finisher.

BR Booklet Maker Finisher (optional) create 64-page saddle-stitched booklets (2 to 16 sheets).

Dual Offset Catch Tray (available when no finishers are installed; Single Offset Catch Tray with finishers).

Integrated Office Finisher (optional with B8145/B8155) provides 500-sheet stacking and 50-sheet, 2-position stapling.

Convenience Stapler (optional) staples up to 50 sheets of 20 lb. / 75 gsm media.

LONG SHEET PRINTING

Long Sheet Feed Kit (optional) provides the ability to print up to 12.6 x 52 in. / 320 x 1,320 mm media.

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Device Specification	
Control Panel Languages	US English, International English, International French, Italian, German, International Spanish, Dutch, Brazilian Portuguese, Swedish, Norwegian, Danish, Finnish, Turkish, Greek, Russian, Czech, Polish, Hungarian, Romanian, Catalan, Arabic

Accessories	
Optional	High Capacity Feeder 3000 A4/Letter Envelope Tray (Replaces Tray 1) Horizontal Transport Kit BR (Business Ready) Finisher (requires Horizontal Transport Kit) BR Booklet Maker Finisher (requires Horizontal Transport Kit) C-fold / Z-fold Unit for BR Finisher or BR Booklet Maker Finisher Convenience Stapler (includes Work Surface[5]) Integrated Office Finisher (Available AltaLink B8145, B8155) Office Finisher Booklet Maker for Office Finisher Hole Punch (2/3, 2/4, Swedish) Office Finisher Smart Card Enablement Kit[3] Walk Up Fax (One- or Two-line options, includes LAN Fax) Wi-Fi/Wi-Fi Direct with Dual Band Wireless Kit Bluetooth Kit McAfee® Integrity Control Enablement Kit USB Keyboard / Shelf Kit Xerox® Integrated RFID Card Reader Kit Unicode Font Kit Foreign Device Interface (Also known as Auxiliary Access Device) Interface for third-party access control devices, such as coin machines and card readers Long Sheet Feed Kit (banner printing) 500GB HDD Scan To Cloud Enablement Kit

Electrical Requirements	AltaLink® B8145	AltaLink® B8155	AltaLink® B8170
North America	Voltage: 110-127 VAC +/- 10 % Frequency: 50/60 Hz +/- 3 %, 15 A		Voltage: 110-127 VAC +/- 10 % Frequency: 50/60 Hz +/- 3 %, 20 A
Europe	Voltage: 220-240 VAC +/- 10 % Frequency: 50/60 Hz +/- 3 %, 10 A		Voltage: 220-240 VAC +/- 10 % Frequency: 50/60 Hz +/- 3 %, 10 A

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Device Specification (continued)			
Power Consumption	AltaLink® B8145	AltaLink® B8155	AltaLink® B8170
Running (Average)	115V: 717 watts 230V: 674 watts	115V: 806 watts 230V: 760 watts	115V: 929 watts 230V: 908 watts
Standby Mode	115V: 71 watts 230V: 71 watts	115V: 72 watts 230V: 70.3 watts	115V: 91.1 watts 230V: 79 watts
Auto Off/Sleep Mode	115V: 0.67 watts 230V: 0.71 watts (Default time to sleep mode = 0 minutes)	115V: 0.67 watts 230V: 0.71 watts (Default time to sleep mode = 0 minutes)	115V: 0.68 watts 230V: 0.75 watts (Default time to sleep mode = 0 minutes)
Warm-up (from Off)	As fast as 85 seconds		
Recovery from Sleep	As fast as 4.5 seconds		
Operating Environment			
Required Temperature Range	50 to 82° F / 10 to 28° C		
Required Relative Humidity	15 % to 85 %		
Sound Power Levels	Operating: 63.7 / 64.2 dB(A) Standby: 4.0 / 4.0 dB(A)	Operating: 65.2 / 67.3 dB(A) Standby: 4.3 / 4.3 dB(A)	Operating: 70.4 dB(A) Standby: 4.3 dB(A)
Dimensions and Weight			
Base Configuration	Width: 24.4 in. / 620 mm Depth: 28.5 in. / 723 mm Height: 44.5 in. / 1,130 mm Weight: 286 lb. / 129.5 kg		Width: 24.4 in. / 620 mm Depth: 31.2 in. / 793 mm Height: 46 in. / 1,169 mm Weight: 319.2 lb. / 144.8 kg
With Office Finisher (with Booklet Maker)	Width: 47.5 in. / 1,207 mm Depth: 28.5 in. / 723 mm Height: 44.5 in. / 1,130 mm Weight: 370.3 lb. / 168 kg		Width: 47.5 in. / 1207 mm Depth: 31.2 in. / 793 mm Height: 46 in. / 1,169 mm Weight: 406 lb. / 184.2 kg
Base Configuration with Business Ready (BR) Finisher	Width: 55 in. / 1,395 mm Depth: 28.5 in. / 723 mm Height: 44.5 in. / 1,130 mm Weight: 382.3 lb. / 173.4 kg		Width: 55 in. / 1,395 mm Depth: 31.2 in. / 723 mm Height: 46 in. / 1,169 mm Weight: 415.4 lb. / 188.4 kg
Base Configuration with BR Booklet Maker Finisher	Width: 59 in. / 1,496.3 mm Depth: 28.5 in. / 723 mm Height: 44.5 in. / 1,130 mm Weight: 419.7 lb. / 190.4 kg		Width: 59 in. / 1,496.3 mm Depth: 31.2 in. / 723 mm Height: 46 in. / 1,169 mm Weight: 453.3 lb. / 205.6 kg
Base Configuration with BR Booklet Maker Finisher and C-fold / Z-fold Unit	Width: 64.3 in. / 1,632 mm Depth: 28.5 in. / 723 mm Height: 44.5 in. / 1,130 mm Weight: 530.6 lb. / 240.7 kg		Width: 64.3 in. / 1,632 mm Depth: 31.2 in. / 723 mm Height: 46 in. / 1,169 mm Weight: 564.2 lb. / 255.9 kg
Base Configuration with BR Booklet Maker Finisher, C-fold / Z-fold Unit and High Capacity Feeder	Width: 93 in. / 2,361 mm Depth: 28.5 in. / 723 mm Height: 44.5 in. / 1,130 mm Weight: 598.8 lb. / 271.6 kg		Width: 93 in. / 2,361 mm Depth: 31.2 in. / 723 mm Height: 46 in. / 1,169 mm Weight: 632.8 lb. / 287 kg
System Certification / Regulatory Compliance			
Certifications	To view the latest list of certifications, go to **xerox.com/OfficeCertifications**		

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Paper Handling	AltaLink® B8145	AltaLink® B8155	AltaLink® B8170
Single-pass Duplex Automatic Document Feeder (DADF)			
Capacity[4]	130 sheets		250 sheets
Speed (Up to)	82 ppm black-and-white (simplex) 141 ipm black-and-white (duplex)		135 ppm black-and-white (simplex) 270 ipm black-and-white (duplex)
Paper Sizes Sensed	3.4 x 4.9 in. to 11.7 x 17 in. / 85 x 125 mm to 297 x 432 mm		
Weights	16 lb. to 32 lb. bond / 60 to 128 gsm		
Bypass Tray (Standard)			
Capacity[4]	100 sheets		
Sizes	**Custom Sizes:** 3.5 x 3.9 in. to 12.6 x 52 in. / 89 x 98 mm to 320 x 1320 mm (SEF); **Optional:** Long Sheet Feed Kit (Banner Printing)		
Weights	16 lb. bond to 110 lb. cover / 52 to 300 gsm, **Long sheets/banners** (>19 in. / 483 mm): 28lb Bond - 120lb Index / 106 - 220 gsm		
Media Types	Bond Card Stock Card Stock Reloaded Custom Envelopes Glossy Card Stock Glossy Card Stock Reloaded Heavyweight Card Stock Heavyweight Card Stock Reloaded Heavyweight Glossy Card Stock Heavyweight Glossy Card Stock Reloaded Hole Punched Labels Letterhead Lightweight Lightweight Card Stock Lightweight Card Stock Reloaded Lightweight Glossy Card Stock Lightweight Glossy Card Stock Reloaded Plain Plain-Reloaded Preprinted Recycled Transparencies **Long Sheets/Banners:** Card Stock Card Stock Reloaded Lightweight Card Stock Lightweight Card Stock Reloaded		
Trays 1 and 2 (Standard)			
Capacity[4]	520 sheets each		
Sizes	**Tray 1:** Custom Sizes: 5.5 x 7.2 in. to 11.7 x 17 in. / 140 x 182 mm to 297 x 432 mm (SEF) **Tray 2:** Custom Sizes: 5.5 x 7.2 in. to 12 x 18 in. / 140 x 182 mm to SRA3 (SEF)		
Weights	16 lb. bond to 110 lb. cover / 52 to 300 gsm		
Media Types	Bond Card Stock Card Stock Reloaded Custom Envelopes Glossy Card Stock Glossy Card Stock Reloaded Heavyweight Card Stock Heavyweight Card Stock Reloaded Heavyweight Glossy Card Stock Heavyweight Glossy Card Stock Reloaded Hole Punched Labels Letterhead Lightweight Lightweight Card Stock Lightweight Card Stock Reloaded Lightweight Glossy Card Stock Lightweight Glossy Card Stock Reloaded Plain Plain-Reloaded Preprinted Recycled Transparencies		

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Paper Handling (continued)	AltaLink® B8145	AltaLink® B8155	AltaLink® B8170
High Capacity Tandem Tray (Available with all models)			
Capacity[4]	**Tray 3:** 867 sheets **Tray 4:** 1,133 sheets		
Sizes	8.5 x 11 in. / A4, JIS B5, Executive (7.25 x 10.5 in) LEF		
Weights	16 lb. bond to 110 lb. cover / 52 to 300 gsm		
Media Types	Bond Card Stock Custom Glossy Card Stock Hole Punched Labels Letterhead Lightweight Card Stock Lightweight Glossy Card Stock Plain Preprinted		
Envelope Tray (Optional - Replaces Tray 1)			
Capacity[4]	Up to 60 envelopes		
Sizes	#10 Commercial (9.25 x 4.125 in.) / Monarch, DL, C5 Custom Sizes: 3.9 x 5.8 in. to 6.4 x 9.5 in. / 98 x 148 mm to 162 x 241 mm		
Weights	20 lb. to 24 lb. bond / 75 to 90 gsm		
High Capacity Feeder (HCF) (Optional with all models)			
Capacity[4]	3,000 sheets		
Sizes	Standard Sizes: 8.5 x 11 in. or 7.25 x 10.5 in. / A4 or B5 LEF		
Weights	16 lb. bond to 110 lb. cover / 52 to 300 gsm		
Total Capacity			
Device Total Capacity[4]	High Capacity Tandem Tray Module: 3,140 sheets High Capacity Tandem Tray Module with High Capacity Feeder: 6,140 sheets		

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Finishing	AltaLink® B8145	AltaLink® B8155	AltaLink® B8170
Output Trays (Standard) (Dual Offset Catch Trays not available with Integrated Office Finisher and limited to one with Office Finisher and BR Finishers)			
Stacking Tray Capacity[4]	Dual Offset Catch Tray: Up to 250 sheets each Left Side Face up Tray: Up to100 sheets		
Integrated Office Finisher (Optional with AltaLink B8145/B8155)			
Stacking Tray Capacity[4]	500 sheets of 20 lb. bond / 80 gsm – 8.5 x 11 in. / A4 or 250 sheets of 20 lb. bond / 80 gsm – 11 x 17 in. / A3		
Sizes	3.5 x 3.9 in. to 11.7 x 17 in. / 89 x 98 mm to 297 x 432 mm		
Weights	16 lb. bond to 110 lb. cover / 52 to 300 gsm		
Stapling	Single / Dual Position Auto-Stapling: 50 sheets maximum: Letter / A4 / B5 size sheets (less than 90 gsm or (2) 220 gsm covers) 30 sheets maximum: Legal / Tabloid / A3 / B4 size sheets (less than 90 gsm or (2) 220 gsm covers)		
Office Finisher (Optional)			
Stacking Tray Capacity[4]	2,000 sheets unstapled or 1,000 sheets single stapled or 750 sheets dual stapled (8.5 x 11 in. / A4)		
Stacking Tray Sizes	8.3 x 7.2 in. to 11.7 x 17 in. / 210 x 182 mm to 297 x 432 mm		
Weights	16 lb. bond to 110 lb. cover / 52 to 300 gsm		
Multiposition Stapling	50 sheets maximum: Letter / A4 / B5 size sheets (less than 90 gsm or (2) 220 gsm covers) 30 sheets maximum: Legal / Tabloid / A3 / B4 size sheets (less than 90 gsm or (2) 220 gsm covers)		
Hole Punch (Optional)	**North America:** 2/3-hole punch **Europe:** 2/4-hole punch **Optional:** 4-hole "Swedish" punch		
Booklet Maker for Office Finisher (Score/Crease, Saddle-stitch Staple) (Optional)			
Top Tray Capacity[4]	40 booklets (2-15 sheets per booklet – 20 lb. / 80 gsm or less)		
Sizes	Letter – 8.5 x 11 in. / A4 SEF Legal – 8.5 x 14 in. / B4 SEF Tabloid – 11 x 17 in. / A3 SEF		
Saddle-Stitch Stapling	2-15 sheets / 8-60 page booklet 16 lb. bond to 67 lb. bond / 60 to 256 gsm		
Score / Crease	1-15 sheets / unstapled 18 lb. bond to 28 lb. bond / 60 to 105 gsm		
Business Ready (BR) Finisher (Optional) (Requires Horizontal Transport Kit)			
Capacity[4]	Offsetting Top Tray: 500 sheets Stacking Stapling Tray: 3,000 sheets unstapled or 100 sets (dual or 4-position stapling) 11 x 17 in., 8.5 x 14 in. / A3 or 200 sets (single-position staple) 8.5 x 11 in. / A4		
Sizes	3.9 x 5.8 in to 12.6 x 19.2 in / 100 x 148 mm x 320 x 488 mm for top tray 7.25 x 10.5 in. to 12.6 x 19 in. / 182 x 203 mm to 320 x 488 mm for stacking 7.25 x 10.5 in. to 11 x 17 in. / B5 to A3 for stapling		
Weights	16 lb. bond to 110 lb. cover / 52 to 300 gsm		
Stapling	Single and multiposition stapling Auto stapling (50 sheets maximum) – 24 lb. / 90 gsm Letter, Legal, Tabloid, A3, A4, B4 and B5 sizes supported		
Hole Punch	**North America:** 2/3-hole punch **Europe:** 2/4-hole punch **Optional:** 4-hole "Swedish" punch		
BR Booklet Maker Finisher (Optional) (Requires Horizontal Transport Kit)			
Capacity[4]	Offsetting Top Tray: 500 sheets of 8.5 x 11 in. / A4 unstapled Stacking Stapling Tray: 1,500 sheets of 8.5 x 11 in. / 11 x 17 in. / A4 / A3 unstapled or 200 stapled sets of 8.5 x 11 in. / A4 (single-position stapling or dual or 4-position stapling) or 100 stapled sets of 11 x 17 in. / A3		
Sizes	3.9 x 5.8 in to 12.6 x 19.2 in / 100 x 148 mm x 320 x 488 mm for top tray 7.25 x 10.5 in. to 12.6 x 19 in. / 182 x 203 mm to 320 x 488 mm for stacking 7.25 x 10.5 in. to 11 x 17 in. / B5 to A3 for stapling		
Weights	16 lb. bond to 110 lb. cover / 52 to 300 gsm		
Stapling	Single and multiposition stapling Auto stapling (50 sheets maximum) – 24 lb. / 90 gsm Letter, Legal, Tabloid, A3, A4, B4 and B5 sizes supported		
Hole Punch	**North America:** 2/3-hole punch **Europe:** 2/4-hole punch **Optional:** 4-hole "Swedish" punch		
Booklet Maker	Saddle-stitch 2 to 16 sheets (7 sheets at 106 to 176 gsm coated or 5 sheets at 177 to 220 gsm coated) Bi-fold up to 5 sheets Letter, Legal, Tabloid, A3, A4 supported		

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Finishing (continued)	AltaLink® B8145	AltaLink® B8155	AltaLink® B8170
C-fold / Z-fold Unit (Optional with BR Finisher and BR Booklet Maker Finisher)			
Types	C-fold, Z-fold and Z-half-fold		
Capacity[6]	40 sheets		
Sizes	C-fold and Z-fold: Letter – 8.5 x 11 in. / A4 SEF only Z-half-fold: Tabloid – 11 x 17 in. / A3 only		
Weights	16 lb. to 24 lb. bond / 64 to 90 gsm		
Output Trays	Envelope Tray: C-fold, Z-fold and Tri-fold Stacker Tray or Top Tray: Z-half-fold		
Convenience Stapler (Optional - Includes Work Surface[5])			
Capacity[6]	50-sheet stapling 5,000 staples Requires separate power outlet		

Copy	AltaLink® B8145	AltaLink® B8155	AltaLink® B8170
First-Copy-Out Time (from platen/warmed up)	As fast as 4.4 seconds	As fast as 3.7 seconds	As fast as 3.2 seconds
Sides (input:output)	1-1, 1-2, 2-2, 2-1		
Quantity	1 to 9,999		
Resolution (max)	Up to 600 x 600 dpi		
Reduction / Enlargement	Variable zoom from 25 % to 400 % in 1 % increments		
Concurrency	Program-ahead to allow job to be queued while initial job is processed (Copy, Print, Fax and Scan)		
Copy Features	Annotation and Bates™ stamping Authentication for Services Auto Paper Select Auto Reduction & Enlargement (To fit selected paper size) Auto Tray Switching Automatic 2-sided / Duplex Booklet Creation Build Job (Enables page-level programming and also lets you proof each section or delete last section as the job is built) Collation Covers (Front only, front and back, back only, printed inside and out: Blank or Printed) Dividers (blank) Edge Erase Features Help (Intuitive text and graphic descriptions) ID Card Copy Image Quality Adjustments Image Shift (with Auto Center option) Invert Image (negative or mirror image) Large Job Interrupt Multi-up (up to 15 columns by 15 rows) Sample Set Save Job Settings Single Color Stapling Transparencies		
Xerox® Copier Assistant®	Xerox® Copier Assistant® Software provides a PC-based alternative to the user interface touchscreen. Used in conjunction with a customer-supplied PC attached via the USB port, this software supports text-to-speech, screen magnification and easy PC keyboard access to basic and advanced copy features. Section 508-compliant. For more information or to download Xerox® Copier Assistant® for free, visit **xerox.com**		

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Print	AltaLink® B8145	AltaLink® B8155	AltaLink® B8170
Resolution (up to)	1200 x 2400 dpi		
Print Features	Application Defaults Banner Sheet Enable / Disable Cover Selection Delay Print (specific time) User Permissions Image Options (Toner Saver, Resolution (Standard, Enhanced, High) Job Identification (Print ID or Banner, Print ID in margins on first page only or all pages) LAN Fax (requires optional Fax Kit) Layout / Watermark N-up (up to 16 pages per sheet) Booklet Layout Long Sheet / Banner Finishing Fit to New Paper Size Hold All Jobs Paper Selection by Attribute Sample Set Saved Job Secure Print with Timed Deletion Special Pages (exception page programming: covers, inserts, exception pages) Store and Recall Driver Settings Sustainability Features (Xerox® Earth Smart Settings, Duplex, N-up, Turn-off Banner and Print ID, Smart Sample Set, Hold All Jobs) Two-sided Printing (as default) Print From Cloud Repositories (Dropbox, One Drive and Google Drive)		
Print from USB	Allows walk-up printing from Type A USB port on front panel Supports direct printing from computer via Type B USB port Supported file formats: PDF, JPEG, TIFF, PS, XPS, PCL Color jobs can be printed as black-and-white		
Operating Systems	Windows Server 2008 SP2 (32- and 64-bit) Windows Server 2008 R2 (64-bit) Windows Server 2012 and R2 (64-bit) Windows Server 2016 (64-bit) Windows Server 2019 (64-bit) Windows 7 (32- and 64-bit) Windows 8 (32- and 64-bit) Windows 8.1 (32- and 64-bit) Windows 10 (32- and 64-bit) Mac OS 10.13, 10.14, 10.15 Fedora® Core Ubuntu®		
Network Protocols	TCP/IP: HTTP/HTTPS, Internet Printing Protocol, LPR/LPD, Raw Socket Printing/Port 9100, IPv4/IPv6, WSD Microsoft Windows Networking over IP Bonjour® / AirPrint® IPv6 Most protocols not in use can be disabled		
Font Capability	PCL: 93 scalable fonts, line printer and bitmap font (including Cyrillic font support) PostScript 3: 173 Type 1 fonts, 2 Multiple Master fonts		
Xerox® Global Print Driver®	A truly universal print driver that lets IT administrators install, upgrade and manage Xerox® and non-Xerox devices from a single driver. It provides a consistent, easy-to-use interface for end-users, reducing the number of support calls and simplifying print services management.		
Xerox® Pull Print Driver	Makes it easy for IT managers to qualify, deploy and manage all print devices using a single driver in a Pull Print environment. Uses a single queue and single driver. The Xerox® Pull Print Driver extends convenience across a broad range of printing assets. IT administrators no longer need to manage and configure multiple drivers. Used in conjunction with Equitrac Office®, Ysoft® SafeQ®, Pharos® and others.		
Unified Address Book for Fax, Internet Fax, Email and Scan to...			
Features	Services supported: Fax, Internet Fax, Email, Scan to Maximum contacts: 5,000 Contacts: Supports 1 or more destinations Favorites for quick access of all services supported		

Xerox® AltaLink® B8145/B8155/B8170 Multifunction Printer

Scan	AltaLink® B8145	AltaLink® B8155	AltaLink® B8170
Concurrency	Scan while the system is printing, copying, or while it is transferring scan to network or fax jobs (priority is for return of scanned originals and printing concurrent jobs)		
Input Speed (up to)	82 ppm black-and-white and color (simplex) 141 ipm black-and-white and color (duplex)		135 ppm black-and-white and color (simplex) 270 ipm black-and-white and color (duplex)
Resolution	72 x 72 dpi to 600 x 600 dpi		
Bit Depth	1-bit (black-and-white), 8-bit (grayscale), 24-bit (color)		
Maximum Scan Area	11 x 17 in. / A3		
Scan Template Management	Support 250 scan templates Create Xerox® CentreWare® IS scan templates and share via device cloning to other multifunction printers' confirmation sheet options		
Network Protocols	SFTP, FTP, SMB, HTTP, HTTPS		
File Compression	Color TIFF (TIFF 6.0 or TTN2 with JPEG, LZW) Black-and-white TIFF (G3MH, G4 MMR compression – single or multiple pages) Searchable PDF/OCR and PDF/A-1b (MRC, JPEG, G3 MH, G4 MMR, JBIG 2 Huffman, JBIG Arithmetic Compression, Deflate (for black-and-white and within MRC)) Linearized PDF / PDF/A		
Document Management Fields (Metadata)	Features only available in Network Scan to File Templates: • 1 to 6 user programmable metadata fields per network scan to file templates and unlimited fields within the template – Metadata field consists of field name, default value and other configurations • Customized fields viewed on user interface for variable data input		
Scan Features	Mixed Size Originals Scan Build Job Scan Preview Compression Quality/File Size Control Original Type (Photo and Text, Photo, Text, Map, Newspaper / Magazine) Auto Background and Shadow Suppression Size for Size (for mixed size originals) TWAIN Support / WIA 2.0 Support Bound Originals Edge Erase Reduction/Enlargement Single Touch Scan buttons (up to 10)		
Scan to Email (Standard)			
Scan Features	• Email signatures (6 lines each of 128 character max), email message body (user configurable), email Embedded Web Server confirmation sheet options • Scan to Email S/MIME Encryption • Email signing (requires Smart Card option) • Auto send to self		
Directory Access	Address list via LDAP (Windows Active Directory, Exchange, Notes, Domino), Device Address Book		
Scan To			
Standard Features	Scan to USB Scan to Network Folder (using Secure FTP/HTTP/HTTPS) Scan to Home Scan to Network (using Secure FTP/HTTP/HTTPS) Scan to Email Scan to PC/Server Client (SMB or FTP) Scan to Mailbox		
Optional Features	Scan to Cloud Repositories (Dropbox, One Drive and Google Drive)[2]		
Workflow Scanning (Optional)			
Scanning Software	Autostore v7 eCopy ShareScan v5.2 eCopy ScanStation v5.2		
Scanning Apps and Xerox App Gallery	Scan to/from: Dropbox™, Google Drive™, Microsoft® OneDrive®, Microsoft Office 365™, Box®, Xerox® Workplace Mobile App (iOS/Android) See the full list of apps available in the Xerox App Gallery: **xerox.com/AppGallery**		

Xerox® AltaLink® B8145/B8155/B8170 Multifunction Printer

Security	AltaLink® B8145	AltaLink® B8155	AltaLink® B8170

Features	• Expanded Authentication
	  - Network authentication to access device and/or device services via Kerberos (UNIX / Windows Server 2008), SMB (Windows Server 2008, Windows server 2012), NDS, LDAP authentication
	  - Local Authentication (internal database)
	  - Smart Card authentication – 144k CAC / PIV Card Support (2048 bit certificate key) / .NET
	  - Secure Data
	  - Digitally signed PDF (when using Smart Card authentication)
	  - Encrypted and authentication to SMTP server for Scan to Email
	  - Encrypted / Password Protected PDF (when using Email and Network Scan Templates only)
	  - Secure Print (up to 10 digit PIN or Network Authentication)
	  - Immediate Image Overwrite / Securely delete jobs using approved algorithms
	  - On Demand Image Overwrite (Scheduled, Manual), includes sanitation of unused area of disk
	  - FIPS 140-2 256 bit Hard Disk Encryption, TLS, IPPS, HTTPS, SFTP, SNMPv3
	• Expanded Authorization
	  - SA access based on network credentials
	  - Authorization per user per service
	  - User Permissions required to access Print and Print Features (e.g., time restrictions) reflects in the print driver
	  - Secure Network Access
	• Configuration Watchdog (Monitor and remediate 29 security settings):
	  - Front USB Port 2
	  - Rear USB Port 1
	  - Rear USB Port 2
	  - Password Reset Access Control
	  - 802.1x
	  - Email Alerts - Group 1, 2 and 3 addresses, enablement, Recipient Group Preferences
	  - Hold all jobs
	  - Reprint Saved Jobs
	  - Scan to Mailbox enablement
	  - Fax Passcode length
	  - System timeout
	  - Show/Hide Login Name
	  - PostScript® Passwords
	  - Remote Services Setup Supplies / Consumables: Enablement
	  - Remote Services Setup Supplies / Consumables: Software Download
	  - Remote Services Setup Supplies / Consumables: Feature Activation
	  - Remote Services Setup Supplies / Consumables: Update Device Settings
	  - Remote Services Setup Supplies / Consumables: Daily Synchronization Time
	  - Remote Services Setup Supplies / Consumables: Automatically Send Diagnostic Information
	  - FIPS 140-2 Encryption
	  - Firmware Updates (Firmware Upgrade) Enable/Disable
	  - Scheduled Upgrade
	  - SNMP V1/V2 Protocols: Enable/ Disable Services
	  - Scan services on multifunction printers
	  - Remote Start (TWAIN) Scan services on multifunction printers
	  - Scan Workflow Management
	  - PII - Conceal Job Names
	  - PII - Show Concealed Job Names in Network Accounting Reports
	  - PII - Show Concealed Job Names in Audit Logs
	• IP Filter, IPsec, IPv6, TLS v1.0, v1.2, SNMPv3, HTTPs, 802.1X, SFTP
	• McAfee® Embedded Control (whitelisting), McAfee® Integrity Control (optional)
	• Port disablement including USB ports
	• Audit Log
	• Hide Print Job Names
	• Cisco® Identity Services Engine (ISE) compatible
	• Security Information and Event Management (SIEM) support for McAfee Enterprise Security Manager, LogRhythm and Splunk[2]
	• Full System Common Criteria certified by NIAP under HD Protection Profile for Hardcopy Devices v1.0 (HCD-PP v1.0)[7]		

Xerox® Integrated RFID Card Reader (Optional kit)	Integrated support for most industry security cards providing additional security; with embedded multifunction printer card readers in the multifunction printer panel.		

Xerox® AltaLink® B8145/B8155/B8170 Multifunction Printer

Fax	AltaLink® B8145	AltaLink® B8155	AltaLink® B8170
Network Server Fax Features			
Compatibility	ITU (CCITT) group 3; Various Xerox Business Innovation Partner Solutions		
Maximum Scan Area	11 x 17 in. / A3		
Fax Send Features	One- or Two-sided Scanning (up to 11 x 17 in. / A3) Add to Send List (200 numbers maximum) Build Job, Favorites, Delay Send (specific time) Original Type (photo, text or photo and text)		
Fax Print Features	One- or Two-sided Printing, Staple, Secure Print		
Transmission Resolution	Superfine: 400 x 200 dpi (Scan at 600 x 600 dpi) Fine: 200 x 200 dpi Standard: 200 x 100 dpi		
Internet Fax Features			
Compatibility	Direct print-ready document transmission to remote Internet Fax machines or email clients (SMTP) Reception and automatic printout of documents sent via email from remote Internet Fax machines or email clients		
Directory Access	Utilizes the Unified Address Book		
Send / Receive	Send: Multi-page TIFF, PDF, PDF/A Receive: TIFF, MTIFF, PDF, PDF/A, PS, text, PCL, PRN, JPEG		
Resolution	72 x 72 dpi to 600 x 600 dpi Bit Depth: 1-bit (black-and-white)		
Network Protocols	SMTP (send), POP3 (receive)		
Compliance	ITU-T T.37 compliant		
Walk-up Fax Features (Optional; Customer-Installable – 1 and 2 lines)			
Compatibility	ITU (CCITT) Group 3		
Speed / Modems	One or Two V.34 modems: 33,600 bps. Less than 4 seconds per page transmission time		
Compression / Speed	MH/G3, MR/G3, MMR/SG3, JBIG/SG3		
Resolution	**Walkup Send:** Standard: 200 x 100 dpi Fine: 200 x 200 dpi Superfine: 600 x 600 dpi **Receive:** Accepts all sizes		
Fax Send Features	LAN Fax (fax from print driver) Auto Fax Transmission Reduction Page-by-page Job Status at the Machine Delay Start, Build Job, Favorites Automatic Memory Resend Automatic Cover Sheets PSTN Fax Batch Send (up to memory capacity) Device Address Book (up to 5,000 contacts)		
Fax Receive Features	One- or Two-sided Printing Stapled or Unstapled Receive Print Mode – Manual (size, margin, stock, header) / Auto Output Tray Selection Up to 200 Password Protected Mailboxes Secure Receive Receive Timestamp Auto Answer Delay		
Fax Forward	Forward to Email or SMB Location Fax Forward on Receive Only		
Fax Reports	Activity, Dial Directory, Group Directory, Transmission Confirmation, Pending Fax, Options Report, On Demand Overwrite Report, Mailbox Report, Broadcast Report		
Directory Access	Utilizes the Unified Address Book Group fax available		
Auto Redial	Up to 14 attempts (per country requirements) 1 to 25 minute intervals		
Auto Resend	Up to 5 attempts		

Xerox® AltaLink® B8145/B8155/B8170 Multifunction Printer

Device Management	
Administrative Protocols	DHCP, BOOTP, SNMP, SLP® v2, HTTP, HTTPS, DHCP Autonet, TLS, NTP, DNS, SMB, SMTP/POP3, WSD, LDAP, Multicast DNS
Management Support	SNMP Version 1. SNMP Version 2c and SNMP Version 3 trap over TCP/IP and IP MIB access (IETF-MIBII RFC 1213) Host Resources MIB RFC 2790, Printer MIB RFC 3805, PWG-Imaging-System- Power MIB, Configuration Orchestrator, Configuration Watchdog
Xerox® CentreWare® Web	A Web-based server application for network administrators that permits Web browser-based device management from any workstation, whether running Windows, UNIX or any other operating system: • Works with any SNMP-managed printer from any manufacturer. • Provides help with device discovery and installation, health checks and troubleshooting, and device upgrades, as well as basic accounting and asset management. • Requires Windows 7 and Internet Explorer 6.0 and higher. • Auto-detect Xerox® CentreWare® Web server and download configurations files for touchless remote install
Xerox® Device Manager	Xerox® Device Manager collects and manages the data that drives fact-based decisions for your enterprise device management environment. It is a single tool to install print queues and configure, manage, monitor and report on both networked and locally connected devices – regardless of vendor – across your enterprise. Xerox® Device Manager provides: • Device monitoring and troubleshooting • Extensive reporting and discovery of new devices • Usage collection, chargeback and billing capabilities • Auto-detect Xerox® Device Manager server and download configurations files for touchless remote install
Fleet Orchestrator	Fleet Orchestrator feature offers the ability to create a group of devices that share information with each other via a secure peer-to-peer connection. The following data can be shared: Software update files, clone files, and 1-Touch App files.
Novell NDPS/NEPS	Server gateway application: centralized management tool.
Xerox® Device Types for SAP Environment	Xerox, together with SAP through our Gold-level membership in the SAP Printer Vendor Program, provides seamless connectivity between SAP systems and your Xerox® printers and multifunction printers. As an SAP customer you benefit from having SAP-certified Xerox® device types available right from SAP's online delivery model. SAP-certified device types for Xerox® printers and multifunction printers are available to download. **office.xerox.com/Software-Solutions**
Xerox® Device Types for SAP R/3 Intelligent Bar-code Utility (optional)	Provides built-in process intelligence that allows the printing of barcodes on any appropriately configured PostScript printer in specific versions of SAP environ-ment and within Latin-1 (ISO8859-1) SAP system code pages only. Used in conjunction with Xerox® PostScript Device Types for SAP environment and Xerox® Font Center Barcode Fonts. Information available at **office.xerox.com/Software-Solutions**
Xerox® Barcode Pro PS (optional)	Enables intelligent PostScript printing on Xerox® multifunction printers by storing Xerox® software, as well as the barcode fonts on the printer hard disk. Enables the printing of barcodes from any application (SAP client or mainframe) that supports PostScript printing. Information available at **office.xerox.com/Software-Solutions**

Xerox® Embedded Web Server – Integrated Device Web Pages Provided by the Device	
Device Status	Web server embedded in Network Controller: • Tray status/contents • Consumables status • Alerts • Remote Control Panel
Job Submission	Print-ready files: PS, PCL, TIFF, PDF, JPG, TXT, PRN Output feature selection (2-sided, collate, orientation, staple, hole punch, folding, output destination) Delivery options (Immediate, sample set, delay and secure, Save job or reprint)
Device Administration	Allows simple, remote installation setting of configuration options and management of the device, Fleet Orchestrator
Browsers	Internet Explorer 10.x, 11.x Safari 10.x, 11.x Mozilla Firefox 45.x through 53.x Opera 25.x through 53.x Chrome 48.x through 72.x
Support	Install print / scan drivers and online support available via **support.xerox.com**
Languages Supported	International English, International French, Italian, German, International Spanish, Dutch, Brazilian Portuguese, Swedish, Norwegian, Danish, Finnish, Russian, Simplified Chinese, Korean, Japanese, Arabic

Remote Services	
Xerox® Automatic Meter Readings (AMR)	Automates the process of collecting and submitting meter reads for tracking and billing of Xerox® device usage. Eliminates the need for time-consuming end-user involvement and ensures that meter reads are submitted to Xerox on time.
Xerox® Automatic Supplies Replenishment (ASR)	Automatically orders supplies for Xerox® output devices based on actual usage, eliminating the need to manually manage supplies inventory.

Accounting	

Xerox® Standard Accounting (Standard)	
Tracking	Copy, Print, Fax, Scan and Email usage
Accounting	Up to 2,497 User Accounts (User ID) Up to 500 General Accounts (Client) Up to 498 Group accounts (Department)
Features	• Administrator can manage the feature via the Web User Interface or device control panel in tools. • Administrator has the ability to import or export user accounts, Group Accounts, General Accounts and User limits via an industry standard CSV file.

Accounting Options – Network Accounting (Allows central server to manage all accounting)	
	• Enhanced network accounting with up-to-the-minute data on how the system is being used • Comprehensive management and enterprise scale tracking and reporting of device usage of copy, print, scan and server fax • Numerous solutions are available through Xerox Alliance Partners. For details visit **www.xerox.com** • Security enhancements with the addition of HTTPS protocol support • Device requests account authentication from third party server enabling larger databases of users and accounts • Accept Authentication Login at control panel and pass to third party Networking Account • Interface with third party accounting terminal for accounting user interface

Xerox® AltaLink® B8145/B8155/B8170 Multifunction Printer

Supplies	Description	Yield
Toner Cartridge[6]	Black	52,000 pages
Transfer Belt Cleaner	1 Assembly	160,000 pages
Second Bias Transfer Roll	1 Assembly	200,000 pages
Staple Cartridges	For BR Finisher, Integrated Office Finisher, Office Finisher and Convenience Stapler (1 cartridge per carton)	5,000 each cartridge
	For BR Booklet Maker (1 cartridge per carton)	5,000 each cartridge
	For Office Finisher Booklet Maker (8 cartridges per carton)	2,000 each cartridge
Staple Refills	For Integrated Office Finisher, Office Finisher, BR Finisher and Convenience Stapler (3 refills per carton)	5,000 each refill
Xerox® Smart Kit®		
Drum Cartridge[8]	1 Cartridge	200,000 pages
Waste Toner Container w/o Suction Filter[9]	1 Cartridge (AltaLink B8145/8155)	121,000 pages
Waste Toner Container with Suction Filter[9]	1 Cartridge (AltaLink B8170)	121,000 pages

[1] Maximum volume capacity expected in any one month. Not expected to be sustained on a regular basis.
[2] Available post-launch via software update.
[3] Not available in all geographies.
[4] Paper capacities are based on 20 lb. / 75 gsm stock; capacities will vary with different weight stocks.
[5] Sold separately in some geographies.
[6] Average standard pages. Declared in accordance with ISO/IEC 19752. 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.
[7] Under evaluation; certification expected in Q4 2020.
[8] Average drum yield is based on a run length of 5 pages of 8.5 x 11 in. / A4 LEF pages, with split of 35% color / 65% black-and-white pages.
[9] Waste Toner Container yield will vary depending on type of image, area coverage % and Job run length.

Return spent imaging supplies through the Xerox Green World Alliance collection/reuse/recycling program. For more information, visit **www.xerox.com/About-Xerox/Recycling**.

For more information, visit us at **www.xerox.com/Office**.

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