

RICOH Pro 8100EX/8100s/8110s/8120s

SYSTEM SPECIFICATIONS

Specifications

Configuration	Console
Standard Modes	Pro 8100EX – Copy Pro 8100s/8110s/8120s – Copy/Print/Scan
Print/Copy Process	Electrostatic transfer with indirect image transfer system
Fusing	Oilless belt fusing method
System Memory	2GB RAM / 500GB (250 x 2) HDD
Document Feeder	Standard 200-Sheet ADF with single-pass color duplex scanning
Control Panel	Full-color 10.4" SVGA touch panel
Copy Resolution	Up to 1200 x 4800 dpi
Paper Registration	Sensor and Mechanical
Quantity Indicator	1 – 9,999
Original Size	Up to 11" x 17" (297 x 432mm) (from platen)
Warm-Up Time	Less than 360 sec. (from main switch)
Recovery Time from Sleep to Scan	Pro 8100EX: 11sec. Pro 8100s: 11sec. Pro 8110s: 11sec. Pro 8120s: 11sec.
First Copy Speed	Pro 8100EX: 6.3 sec. Pro 8100s: 6.3 sec. Pro 8110s: 5.6 sec. Pro 8120s: 4.6 sec.
Output Speed	Pro 8100EX and Pro 8100s: 95 ppm Pro 8110s: 110 ppm Pro 8120s: 135 ppm
ADF Speed	Simplex: 110 ppm Duplex: 220 ppm B&W or Full-color
Paper Capacity	Tray 1: 1,100 x 2 Trays 2 – 3: 550 x 2 Total Standard / Max. Capacity: 3,300 / 8,850 sheets
Paper Size	Tray 1: 8.5" x 11" Trays 2 – 3: 5.5" x 8.5" to 11" x 17"
Paper Weight	Trays 1 – 3: 14 lb. Bond – 95 lb. Cover (52 – 256 g/m ²)
Magnification	7 reduction and 5 enlargement
Zoom	25% to 400% in 1% increments
Power Requirements	208-240V/50/60Hz (dedicated)
Typical Electricity Consumption (TEC)	Pro 8100EX: 12.3 kWh/week Pro 8100s: 12.3 kWh/week Pro 8110s: 14.3 kWh/week Pro 8120s: 18.6 kWh/week
Max. Power Consumption	Pro 8100EX: 2,800W Pro 8100s: 2,800W Pro 8110s: 3,020W Pro 8120s: 3,270W
Dimensions (WxDxH)	52" x 43.3" x 57.5" (1,320 x 1,100 x 1,460mm)
Weight	915 lbs. (415 kg)
Copier Features	Duplex, Simplified Display, Auto Paper Selection, Auto Reduce/Enlarge, Auto Start, Auto Tray Switching, Auto Image Density, User Codes (1,000), Job Programs (25), Electronic Sort/Stack, Image Rotation, Rotate Sorting, Interrupt Copy, User Tools, Job Presets, Book/Series/Combine Copying, Cover/Chapter/Slip Sheet, Tabs, Sample Copy, Stamps/Numbering, Bates Numbering, Shift/Erase/Margin Adjustment, Customizable Home Screen, Import/Export of Preference Settings, Eco-Friendly Indicator, Power On/Off Timer, External USB Keyboard Support, MFP Browser for @Remote, Copy Reservation (8), A3/DLT Counter.
Security Features	DataOverwriteSecurity System (DOSS), Data Encryption (Address Book, SSL Communication, S/MIME, IPsec Communication, HDD) User Authentication (Windows, LDAP, Basic, User Code, 802.1x Wired), Unauthorized Copy/Print Control, Quota Setting, SMTP over SSL, Mandatory Security Information Print (Compulsory Security Stamp)
Printer Specifications (Standard)	CPU: Intel® Celeron® Processor P4505 – 1.86 GHz RAM: 2 GB HDD: 500 GB (250 GB x 2) Max Print Resolution: 1200 x 4800 dpi via VCSEL Standard Interfaces: Ethernet (1000/100/10Base-TX), USB2.0 Type A/Type B, SD slot Optional Interfaces: IEEE 1284/ECP, Wireless LAN (IEEE802.11a/b/g/n), Bluetooth Network Protocol: TCP/IP (IPv4, IPv6), IPX/SPX (with NetWare option), AppleTalk Network Operating Systems: Windows XP/Vista/7/Server 2003/Server 2003R2/Server 2008/Server 2008R2; NetWare 6.5; UNIX Sun Solaris, HP-UX, SCO OpenServer, RedHat Linux, IBM AIX; MAC OS X 10.2 or later; SAP R/3; NPDS Gateway; IBM iSeries AS/400 using OS/400 Host Print Transform Print Drivers: Standard: PCL5c, PCL6 (XL), PDF, XPS Optional: Adobe PS3, IPDS Fonts: PCL: 45 scalable + 13 international; PDF: 136 Roman; IPDS: 108 Roman (optional)

Printer Features

Sample/Locked/Hold/Store Print, Store and Print, PDF Direct Print, Mail to Print, Classification Code, Bonjour Support, Windows Active Directory Support, DDNS Support, PCL Resident Font Adoption, Mobile Driver, XPS Support, WS Print, Media Direct Print, Banner Page Print, Auto Job Promotion, Poster Print, WPS (Wi-Fi Protected Setup)

Fiery EB-32 Controller (Optional)

Scanner Specifications (Standard)

Scanning Resolution	Up to 600 dpi (TWAIN: 1200 dpi)
Scan Area	Up to 11.7" x 17" (297 x 432mm)
Scan Speed (LTR/A4)	Simplex: 120 ipm; Duplex: 220 ipm
Output Format	Single Page: TIFF/JPEG/PDF/High Compression PDF Multi Page: TIFF/PDF/High Compression PDF B&W – 1-bit (MH/MR/MMR/JBIG2), Grayscale (JPEG); Full-Color (JPEG)
Compression	B&W – 1-bit (MH/MR/MMR/JBIG2), Grayscale (JPEG); Full-Color (JPEG)
Interface Support	Ethernet (1000/100/10Base-TX), USB2.0 Type A, SD card slot, Optional Wireless LAN (IEEE802.11 a/b/g/n) SMTP/POP before SMTP
Authentication	Scan to USB/SD, WS Scanner, Scan-to Email/SMB/FTP/URL/NC/PDF/A/Digitally Signed PDF/Searchable PDF, TWAIN Scanning, LDAP Support, Universal Send, Distributed Scan Management, Preview Before Transmission, PDF Encryption, Drop Out Color Send, B&W/FC Photo, B&W/FC Text, Auto Color Selection, Auto Density, Auto Size Detection, Image Rotation, Mixed Size/SADF/Batch Mode, Reduce and Enlarge, Split Scan, JBIG2 Compression Support

Document Server Specifications (Standard)

Max. Stored Documents	3,000
Max. Pages per Document	1,000
Max. Stored Pages	9,000
Folder Management	With password, up to 200 personal folders

Accessories

RT5080 A3/DLT Large Capacity Tray (LCT)	Paper Capacity: 4,400 sheets Paper Size: Up to 13" x 19.2" Paper Weight: 14 lb. Bond – 110 lb. Cover (52 – 300 g/m ²) Size (WxDxH): 34" x 28.7" x 39.4" (865 x 730 x 1000mm) Weight: 407 lbs. (185 kg)
RT5070 A4/LT Large Capacity Tray (LCT)	Paper Capacity: 5,000 sheets Paper Size: 8.5" x 11" Paper Weight: 14 lb. Bond – 80 lb. Cover (52 – 216 g/m ²) Size (WxDxH): 21.3" x 28.7" x 39.4" (540 x 730 x 1,000mm) Weight: 233.2 lbs. (106 kg)
BY5010 Multi Bypass Tray	Paper Capacity: 550 sheets Paper Size: Up to 13" x 19.2" Paper Weight: 14 lb. Bond – 80 lb. Cover (52 – 216 g/m ²) Size (WxDxH): 27.2" x 22.1" x 8.3" (690 x 561 x 210mm) Weight: 44 lbs. (20 kg)
CI5030 2 Source Cover Interposer	Paper Size: 5.5" x 8.5" – 13" x 19.2" Paper Weight: 17 lb. Bond – 110 lb. Index (64 – 216 g/m ²) Stack Capacity: 200 sheets x 2 trays Size (WxDxH): 21.2" x 28.7" x 50.8" (540 x 730 x 1290mm) Weight: 165 lbs. (75 kg)
SR5050 3,000-Sheet Finisher with 100-Sheet Stapler	Capacity (Proof Tray): 250 sheets (8.5" x 11" or smaller) Capacity (Shift Tray): 50 sheets (8.5" x 14" or larger) Paper Size: 8.5" x 11" – 3,000 sheets Paper Weight: 8.5" x 14" – 11" x 17" – 1,500 sheets 12" x 18" – 13" x 19" – 1,000 sheets 5.5" x 8.5" – 13" x 19.2" Proof Tray: 16 lb. Bond – 80 lb. Cover (52 – 216 g/m ²) Shift Tray: 14 lb. Bond – 110 lb. Cover (40 – 400 g/m ²)
Staple	8.5" x 11" – 2-100 sheets 8.5" x 14" – 11" x 17" – 2-50 sheets Top, Bottom, 2 Staples, Top Slant 39.2" x 28.7" x 44.3" (996 x 730 x 1126mm) Weight: 246 lbs. (112 kg)
Staple Position	Top, Bottom, 2 Staples, Top Slant
Size (WxDxH)	39.2" x 28.7" x 44.3" (996 x 730 x 1126mm)
Weight	246 lbs. (112 kg)
SR5060 2,500-Sheet Booklet Finisher	Capacity (Proof Tray): 250 sheets (8.5" x 11" or smaller) 50 sheets (8.5" x 14" or larger) Capacity (Shift Tray): 8.5" x 11" – 2,500 sheets 8.5" x 14" – 11" x 17" – 1,500 sheets 12" x 18" – 13" x 19" – 1,000 sheets

Paper Size	5.5" x 8.5" – 13" x 19"
Paper Weight	Proof Tray: 16 lb. Bond – 80 lb. Cover (52 – 216 g/m ²) Shift Tray: 14 lb. Bond – 110 lb. Cover (40 – 400 g/m ²)
Staple	8.5" x 11" – 2-100 sheets 8.5" x 14" – 11" x 17" – 2-50 sheets Top, Bottom, 2 Staples, Top Slant 8.5" x 11" – 13" x 19.2" – 20 sheets; Center 2 Position
Staple Position	Top, Bottom, 2 Staples, Top Slant
Saddle Stitch Staple	8.5" x 11" – 13" x 19.2" – 20 sheets; Center 2 Position
Size (WxDxH)	39.2" x 28.7" x 44.3" (996 x 730 x 1126mm)
Weight	246 lbs. (112 kg)
TR5040 Booklet Trimmer	Trimming Type: One Side Edge Trimming Capacity: 1-20 sheets (2-40 pages after folding)
Paper Size	Up to 13" x 19.2"
Stack Capacity	Up to 60 sheets
Limitless Stack Size (WxDxH)	Yes
Weight	43.9" x 23.3" x 21.8" (1,115 x 591 x 555mm) 165 lbs. (75 kg)
FD5020 Multi-Folding Unit (with the Pro 8100EX/8100s Series only)	Folding Type: Single Sheet Mode: Z-Fold, Half-Fold/Print inside, Half-Fold/Print outside, Letter Fold-in/Print inside, Letter Fold-in/Print outside, Letter Fold-out, Double Parallel/Print inside, Double Parallel/Print outside, Gate-Fold/Print inside, Gate-Fold/Print outside Multiple Sheets Mode: Half-Fold/Print inside, Half-Fold/Print outside, Letter Fold-in/Print inside, Letter Fold-in/Print outside, Letter Fold-out
Paper Size:	Single Sheet Mode: Z folding: 8.5" x 11" – 12" x 18"; Half folding: 8.5" x 11" – 13" x 19.2"; Letter folding: 8.5" x 11" – 11" x 17" – 12" x 18"; Gate folding: 8.5" x 11" – 13" x 19.2"; Letter Fold-out: 8.5" x 11"; Letter Fold-in: 8.5" x 11"
Size (WxDxH)	18.5" x 28.7" x 39.4" (470 x 730 x 1,000mm)
Weight	203 lbs. (92 kg)
RB5020 Ring Binder	Paper Size: 8.5" x 11"/A4 Paper Weight: 17 lb. Bond – 110 lb. Index (64 – 216 g/m ²) Stack Capacity: Binding Mode: 11 sets; Punching Mode: 100 sheets
Ring Bind Capacity	2-100 sheets
Number of Holes	LTR – 21, A4 – 23
Ring Supply	Black or White, Up to 50 or 100 sheets
Tab Stock	Supported
Size (WxDxH)	34.2" x 28.7" x 39.8" (870 x 730 x 1,010mm)
Weight	308 lbs. (140 kg)
GB5010 Perfect Binder	Booklet Size Width: 201 – 297mm Length: 140 – 216mm Less than 23mm Booklet Thickness 200 sheets Body Page Capacity 3 Edges, 1 Edge, None Cutting Directions Body Pages: 200 sheets 20 lb. Bond (80 g/m ²) Paper Weight Cover Pages: 100 lb. Cover (300 g/m ²) 50 sheets; 13; 100 sheets; 7; 200 sheets: 4 42.9" x 31.1" x 54.6" (1,090 x 791 x 1,387mm) 770 lbs. (350 kg)
Stack Capacity/Booklet Size (WxDxH)	
Weight	
DU5030 Decurl Unit	Decurl Function Three steps pressure adjustment (from operation panel) Up to 13" x 19.2" 12 lb Bond – 130 lb. Cover (40 – 350 g/m ²) 2.8" x 20" x 7.1" (71 x 509 x 181mm) 11 lbs. (5 kg)
Paper Size	
Paper Weight	
Size (WxDxH)	
Weight	
GBC StreamPunch Pro EX	Paper Size 8.5" x 11" LEF Paper Size Punched 20 lb. Bond – 110 lb. Index (216 g/m ²) Paper Weight CombBind®, Twin Loop Wire (2:1 or 3:1), ColorCoil®, VeloBind®, Three-Ring, ProClick® Die Sets
Supply Yields	Toner: Pro Toner 8100s 4 bottles/Ctn 82,000 per bottle* *6% fill on LTR size paper.
Warranty	For maximum performance and yield, we recommend using genuine Ricoh parts and supplies. The RICOH Pro 8100 Series is under warranty against defects for a period of one year from the date of purchase. Consumables are under warranty for a period of 90 days from the date of purchase or until depleted, whichever comes first. Please refer to warranty documents shipped with the product for more details.



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The RICOH Pro 8100EX model is not qualified by ENERGY STAR or EPEAT.

