B&W Production Printer

RICOH
Pro 8300s

☑ Printer ☑ Copier ☑ Scanner

RICOH
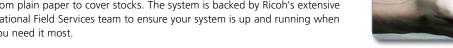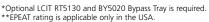imagine. change.

Pro 8300s

96 ppm monochrome

Drive more productivity from a smaller footprint

Your organization depends on cost-efficient, reliable, user-friendly black-and-white printing, copying, scanning and sharing. With space at a premium, the RICOH Pro 8300s was designed to deliver the productivity you need in a more compact footprint to make sure every user can meet their needs quickly and easily. Supporting a broad range of media — including coloured papers — and the finishing options you rely on to make educational materials, business documents and customer communications crisp and professional, this system increases the efficiency of producing any job. The new, tablet-like 17" Smart Operation Panel, robust Paper Library and intuitive controls ensure that even novice users can achieve outstanding results every time.

Spend less time and energy for great results

Produce projects in-house with razor-sharp text, lines and images in black-and-white at up to 1200 × 1200 dpi resolution. Do it fast, with output up to 96 pages per minute and a total paper capacity of up to 8,800 sheets* with optional trays to make shorter work of long print jobs. Meet environmental goals and control total operating cost with a device that is ENERGY STAR® certified, meets EPEAT® Gold** criteria and prints on a wide variety of media from plain paper to cover stocks. The system is backed by Ricoh's extensive National Field Services team to ensure your system is up and running when you need it most.

*Optional LCIT RT5130 and BY5020 Bypass Tray is required.
**EPEAT rating is applicable only in the USA.

Professional results at high volumes

Rely on predictable performance at up to 1,000,000 pages per month with pristine results, project after project. Uniform toner particles create smooth halftones and gradations for precise results on charts, graphs, photos and line drawings, whether producing customer letters, policy manuals, classroom handouts, testing materials or flyers. Choose from a range of automated, business-critical finishing options, including stapling, hole-punching and saddle-stiching, to save time and deliver a professional image at the touch of a button. Whether working in a business, healthcare or educational environment, make the right impression with every document you print.

Capture, store and share documents securely

Keep information moving — and safe. Use one-pass scanning to capture both sides of the page at up to 220 images per minute, or enjoy the convenience of scanning pages from books and manuals on the glass platen. The RICOH Pro 8300s makes information storage and sharing simple to support document-heavy workflows in legal, healthcare, enterprise and education environments. Choose from a wide range of delivery options — including Scan-to-email, folder, URL and more — to store and distribute important files, or save directly to a USB or SD card. From digitizing records to making reproductions for meeting handouts and course-packs, share information in the format that makes the best sense for your audience.

Satisfy the varied needs of teams in education, business, government and beyond

The media choices you're counting on

The RICOH Pro 8300s provides the media support for a robust range of stocks from 52 to 300 g/m²* to help you deliver your message most effectively. Print on sheets up to 13" × 19.2"* for low-cost booklets, trifolds, classroom posters, technical documentation and more. The improved Contact Image Sensor (CIS) recognizes a wider range of coloured papers, so you can further help documents stand out on a broad range of coloured media and retain rich blacks in text and graphics.

*Optional LCIT RT5110 is required.

User-friendly controls, apps and automation

The tablet-like 17" Smart Operation Panel provides more than a clear view; it shares the same library of productivity applications your staff members are accustomed to using on Ricoh office printing devices. Create short-cuts and customized icons for preconfigured settings on frequently produced jobs to complete them fast and in fewer steps, whether simply printing on specific substrates or finishing projects with stapling or saddle-stitching. Use the robust Paper Library to get predictable, repeatable results. Choose your specific paper and the system will select the best settings automatically to deliver optimal printing quality. Thumbnail previews allow you to confirm jobs prior to printing to reduce costly rework and reprints.

Rely on active and passive data security

There is no room for compromise when it comes to data and document security, and the RICOH Pro 8300s offers the administrative tools to help meet rigid security requirements. Restrict access to confidential information with User Authentication, and rely on Secure Socket Layer (SSL) and HDD encryption to help protect information from tampering and hackers automatically. Ricoh's DataOverwriteSecurity System (DOSS) renders latent information on the hard drive as unreadable. Opt for RICOH @Remote to collect meter data, generate detailed production reports and automate service alerts in order to manage your business even more closely and effectively.

RICOH Pro 8300s

Engine Specifications

Standard Modes	Pro 8300s – Copy/Print/Scan
Print/Copy Process	1-drum dry electrostatic transfer with indirect image transfer system
Fusing	Oil-less belt fusing method
Paper Registration	Sensor and Mechanical
Control Panel	Full-colour 17" Smart Operation Touch Panel
Output Speed	96 ppm
First Copy Output Time	6.3 seconds
Max Monthly Volume	1,000K
Resolution	VCSEL: 2400 × 4800 dpi Print: 1200 × 1200 dpi
Paper Capacity	Tray 1: 1,100 × 2 Trays 2 – 3: 550 × 2
Limitless Paper Supply	Supported
Paper Size	Tray 1: 8.5" × 11" Trays 2 – 3: 5.5" × 8.5" to 13" × 18"
Paper Weight	Trays 1 – 3: 14 lb. Bond – 95 lb. Cover (52 – 256 g/m²)
Paper Types	Plain, Recycled, Coloured, Letterhead, Preprinted, Pre-punched, Bond, Card, OHP*, Tab*, Transparency*, Label*, Gloss*, Matte*, Envelope*
Power Requirements	208-240 V, 50/60 Hz, 20A (dedicated)
Typical Electricity Consumption (TEC)**	12.1 kWh/wk
Max. Power Consumption	Less than 2,800 W
Warm-Up Time	Less than 300 seconds
Dimensions (WxDxH)	45" × 35.4" × 61.4" (1,141 × 900 × 1,558 mm) without Attention Light 45" × 35.4" × 68.3" (1,141 × 900 × 1,735 mm) with Attention Light
Weight	944 lbs. (428 kg)
ENERGY STAR	Certified
EPEAT	Gold Rated

*Via optional paper sources
**Typical Electricity Consumption by ENERGY STAR program

Copier Features

Duplex Copying, Simplified Display, Auto Paper Selection, Auto Reduce/Enlarge, Auto Start, Auto Tray Switching, Auto Image Density, User Codes (1,000), Job Programs (50), Image Rotation, Interrupt Copy, Job Presets, Book/Series/Combine Copying, Cover/Chapter/Slip Sheet, Tabs, Sample Copy, Stamps/Numbering, Bates Numbering, Shift/Erase/Margin Adjustment, Customizable Home Screen, Eco-Friendly Indicator, Energy Saver, Weekly Timer, External USB Keyboard Support, Web Browser, Copy Reservation (10), A3/DLT Counter, Mixed Sizes, Batch Mode

Security Features

Data Encryption (Address Book, Authentication Password, SSL Communication, S/MIME, IPsec Communication, HDD), User Authentication (Windows®, LDAP, Basic, User Code, 802.1.x Wired), Network Protocol On/Off, IP Filtering, Unauthorized Copy/Print Control, SMTP over SSL, Mandatory Security Information Print (Compulsory Security Stamp)

Printer Specifications

Configuration	Embedded
CPU	Intel® Atom® Processor BayTrail – 1.91 GHz
RAM	2 GB
HDD	640 GB
Standard Interfaces	Ethernet (1000BASE-T/100BASE-TX/10Base-T), USB 2.0 Type A (2 ports on Controller board and 4 ports on operation panel) USB 2.0 Type B (1 port on Controller board), SD slot (1 on operation panel)
Optional Interfaces	IEEE802.11a/b/g/n, Bluetooth
Network Protocol	TCP/IP (IPv4, IPv6)

Network Operating Systems

Windows® 7/8.1/10/Server 2008/Server 2008R2/Server 2012/Server 2012R2/Server 2016/Server 2019; Mac OS × 10.11 or later; NetWare 6.5, UNIX Sun Solaris 10, HP-UX 11.x/11i v2/11i v3, SCO OpenServer 5.0.7/6.0, RedHat Linux Enterprise V4/V5/V6, IBM AIX V6.1/V7.1/V7.2, SAP R/3, S/4

Print Drivers	Standard: PCL5c, PCL6 (XL), PDF Optional: Adobe PS3, Genuine IPDS
PDL	PCL 5e, PCL 6, PDF, JPEG, TIFF
Optional PDL	Adobe PostScript 3, IPDS
Fonts	PCL: 45 fonts + 13 international

Printer Features

Send to Document Server, Sample/Locked/Hold/Stored/Scheduled Print, Store and Print, Layout (N-up), Banner Page Print, PDF Direct Print, Mail to Print, Classification Code, Bonjour Support, Windows® Active Directory Support, DDNS Support, PCL Resident Font Adoption, Tray Parameter Change from Web Image Monitor, 1200 dpi Support, WSD Print, Media Direct Print (Print from USB/SD), Auto Job Promotion, Poster Print

Scanner Specifications

Document Feeder	Standard 220-Sheet ADF with single-pass colour duplex scanning
Scanning Resolution	100/150/200/300/400/600 dpi 200 dpi (Default)
Scan Area	Up to 11.7" × 17" (297 × 432 mm)
Scan Speed (Letter LEF 200 dpi)	Simplex: 120 ipm; Duplex: 220 ipm (B&W and Full-colour)
Output Format	Single Page: TIFF/JPEG/PDF/High Compression PDF Multi Page: TIFF/PDF/High Compression PDF
Interface Support	Ethernet (1000BASE-T/100BASE-TX/10Base-T), USB2.0 Type A, SD card slot, Optional Wireless LAN (IEEE802.11 a/b/g/n)
Authentication	SMTP/POP before SMTP

Scanner Features

Scan to USB/SD, Scan-to Email/Folder/SMB/FTP/URL/PDF/A, Searchable PDF (OCR Option Required), WSD Scanner, TWAIN Scanning, Scanned File Naming, LDAP Support, Distributed Scan Management, Preview Before Transmission, PDF Encryption, Drop Out Colour Send, Auto Colour Selection, Auto Density, Auto Size Detection, Image Rotation, Mixed Size/SADF/Batch Mode, Reduce and Enlarge, Split Scan, JBIG2 Compression Support

Document Server Specifications

Max. Stored Documents	3,000
Max. Pages per Document	15,000
Max. Stored Pages	15,000

Accessories

TK5020 A3/DLT Tray Unit (Option for Main Unit Tray 1)

Paper Capacity	1,000 sheets
Paper Size	8.5" × 11", 8.5" × 14", 11" × 17"

LCIT RT5130 A4/LT Large Capacity Input Tray

Paper Capacity	5,000 sheets Tray 4: 1,100 sheets Tray 5: 1,100 sheets Tray 6: 2,800 sheets
Paper Size	5.5" × 8.5" – 8.5" × 11"
Paper Weight	Tray 4 – 5: 14 lb. Bond – 80 lb. Cover (52 – 216 g/m²) Tray 6: 14 lb. Bond – 60 lb. Cover (52 – 163 g/m²)
Dimensions (WxDxH)	21.3" × 28.7" × 39.4" (540 × 730 × 1,000 mm)
Weight	233.7 lbs. (106 kg)

LCIT RT5110 A3/DLT Large Capacity Input Tray

Paper Capacity	4,400 sheets Tray 4: 1,100 sheets Tray 5: 2,200 sheets Tray 6: 1,100 sheets
Paper Size	3.94" × 5.5" – 13" × 19.2"
Paper Weight	Tray 4 & 6: 14 lb. Bond – 95 lb. Cover (52 – 256 g/m²) Tray 5: 11 lb. Bond – 110 lb. Cover (40 – 300 g/m²)
Air Assist	Supported on all trays
Dimensions (WxDxH)	34" × 28.7" × 39.4" (865 × 730 × 1,000 mm)
Weight	407 lbs. (185 kg)

BY5020 Multi Bypass Tray

Paper Capacity	500 sheets
Paper Size	3.94" × 5.5" – 13" × 19.2"
Paper Weight	14 lb. Bond – 80 lb. Cover (52 – 216 g/m²)

SR5090 3,000-Sheet Finisher with 65-Sheet Stapler

Shift Tray

Paper Capacity	3,000 sheets (8.5" × 11" (LEF)) 1,500 sheets (8.5" × 11" (SEF) 8.5" × 14" – 11" × 17")
Paper Weight	11 lb. Bond – 130 lb. Cover (40 – 350 g/m²)

Proof Tray

Paper Capacity	250 sheets (8.5" × 11" or smaller) 50 sheets (8.5" × 14" or larger)
Paper Weight	14 lb. Bond – 80 lb. Cover (52 – 216 g/m²)
Paper Size	3.94" × 5.5" – 13" × 19.2"
Output Jogger	Optional
Punch	Optional 2/3 hole
Staple	8.5" × 11", 8.5" × 14", 11" × 17" – 2 to 65 sheets
Staple Paper Weight	Up to 105 g/m²
Staple Position	Top, Bottom, 2 Staples, Top Slant
Dimensions (WxDxH)	25.9" × 28.7" × 38.6" (658 × 730 × 980 mm)
Weight	83.7 lbs. (38 kg)

SR5100 2,000-Sheet Booklet Finisher with 65-Sheet Stapler

Shift Tray

Paper Capacity	2,000 sheets (8.5" × 11" (LEF)) 1,500 sheets (8.5" × 11" (SEF) 8.5" × 14" – 11" × 17")
Paper Weight	11 lb. Bond – 130 lb. Cover (40 – 350 g/m²)

Proof Tray

Paper Capacity	250 sheets (8.5" × 11" or smaller) 50 sheets (8.5" × 14" or larger)

Paper Weight	14 lb. Bond – 80 lb. Cover (52 – 216 g/m²)
Output Jogger	Optional
Punch	Optional 2/3 hole

Staple

Paper Size	8.5" × 11", 8.5" × 14", 11" × 17" – 2 to 65 sheets
Paper Weight	Up to 105 g/m²
Position	Top, Bottom, 2 Staples, Top Slant

Saddle Stitch Staple

Paper Size	8.5" × 11" – 13" × 18"
Paper Weight	64-80 g/m² – up to 20 sheets
Position	2 at centre
Dimensions (WxDxH)	25.9" × 28.7" × 38.6" (358 × 730 × 980 mm)
Weight	128.7 lbs. (58 kg)

SH5000 Shift Sort Tray

Paper Capacity	1,250 sheets (8.5" × 11") 500 sheets (8.5" × 14" – 12" × 18")
Paper Weight	14 lb. Bond – 80 lb. Cover (52 – 216 g/m²)
Dimensions (WxDxH)	15.8" × 23.6" × 18.9" (400 × 600 × 480 mm)
Weight	24.3 lbs. (11 kg)

Additional Accessories

Attention Light AL3000, Punch Unit PU3090 NA, Output Jogger Unit Type M25, Decurl Unit DU5070, ADF Double-feed Detection Kit Type S7, Media Identification Unit Type S3, TCRU/ORU Type S11 (Set A), ORU Type S11 (Set B), PostScript3 Unit Type S11, IPDS Unit Type S11, NFC Card Reader Type S6, Optional Counter Interface Unit Type M12, IEEE802.11a/b/g/n, OCR Unit Type M13, VM Card Type P18, File Format Converter Type M18, EFI Printer Controller EB-35, Vacuum Feed LCIT RT5120, Bridge Unit BU5010, Vacuum Feed Banner Sheet Tray Type S9, Multi Bypass Attachment Kit for Vacuum Feed LCIT Type S9, Multi Bypass Banner Sheet Tray Type S9, SR5000 series Output Tray for Banner Sheet Type S6, Multi-Folding Unit FD5020, Finisher SR5110, Booklet Finisher SR5120, Punch Unit PU5030 NA, Trimmer Unit TR5050, Cover Interposer Tray CI5040, Cover Interposer Tray Double-Feed Detection Kit Type S11

Specifications of the system may change depending on which accessories are added.

Supply Yields

Toner: 82,000 prints per bottle*

*Based on 6% chart of Ricoh A4 LEF test chart under normal operating conditions. For maximum performance and yield we recommend using genuine Ricoh parts and supplies.

Specifications subject to change without notice.

Paper Weight (right column top)

Paper Weight	14 lb. Bond – 80 lb. Cover (52 – 216 g/m²)
Output Jogger	Optional
Punch	Optional 2/3 hole

Staple

Paper Size	8.5" × 11", 8.5" × 14", 11" × 17" – 2 to 65 sheets
Paper Weight	Up to 105 g/m²
Position	Top, Bottom, 2 Staples, Top Slant

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