Color Production Printer



RICOH Pro C5300s/C5310s





The quality and reliability you need with the size and affordability you want.

The RICOH Pro C5300s/C5310s, built as a right-sized solution, combines high-quality color, exceptional media handling, powerful performance, and a range of finishing options. With professional-grade speeds and advanced technologies, they deliver a total package. And it all comes in a compact footprint.

Capture and capitalize on more opportunities.

- High productivity with full-color output up to 80 ppm
- \bullet Exceptional image quality with VCSEL Laser resolutions up to 2400 imes 4800 dpi
- Best-in-class media support for specialty stocks, oversized sheets and heavier weights
- Accurate registration and color consistency for higher-quality jobs
- \bullet Automatic duplexing up to 13" \times 19.2" and weights to 360 gsm
- Intuitive user controls with a 10" Smart Operation Panel
- Expansive selection of finishing options for greater flexibility
- Choice of Ricoh and FFI Controllers to match workflows
- Integrate with Ricoh software solutions to create efficiencies that drive measurable results from prepress to job and device management
- ENERGY STAR® certified for lower operating costs and sustainability goals
- User authentication and data encryption protect sensitive information











Set your firm up for more wins with a compact, high-caliber color printer that's easy-to-use and requires minimal maintenance.

- Always be ready to deliver professional presentations that show off the genius of your ideas with vibrant color and pristine image quality.
- Give teams the ability to explore their creativity and fully execute concepts across more media types.
- Produce compelling comps for client approval and provide your print service provider with proofs to ensure your vision is produced as intended.
- Benefit from the convenience of having professional finishing in a streamlined design.

In-plants

Keep more work in-house and remain a vital resource with an affordable system that enhances your productivity and creates efficiencies.

- Exceed customer expectations with precise registration and the ability to match more colors.
- Offer more applications with support for a wide range of media including specialty stocks, synthetics, envelopes and oversized sheet options.
- Create professionally-finished booklets, course guides, marketing materials and more with tab inserts and thick covers.
- Meet compliance requirements with robust security and support sustainability goals with a system that is Energy Star and EPEAT Gold certified.





Commercial Printers

Offload short-run jobs from high-volume systems to balance workload and increase your margins.

- Run client proofs for specialty jobs that require color matching approval.
- Gain a high-quality, dependable system to handle rush jobs and workload spikes.
- Print on-demand work such as flyers, inserts and postcards on coated media and heavy weight stocks.

Franchise/Pay-for-print:

Grow your business with a dedicated color printer that easily manages an expansive range of media.

- Reliable performance and intuitive controls make it easy for operators of all levels to run the system.
- Command premium prices with vibrant color, precise registration and high-quality image reproduction.
- Offer customers more unique options with specialty stocks and produce high-value applications on demand with oversized media options.

The success of your business depends on technology that can help you achieve your productivity and profit goals. And you require high-quality output that meets the demands of your most important clients.

The RICOH Pro C5300s/C5310s delivers on both — brilliantly.

Configure a true end-to-end solution with **robust finishing options and software** to match your workflow.



Powerful controllers to manage your workflow.

The RICOH Pro C5300s/C5310s comes standard with Ricoh's versatile GW controller and offers two unique EFI options. The embedded Fiery E-27B provides robust job and color management, while the server based Fiery E-47B provides even more power for a higher-level of performance and control over job processing — from make-ready to delivery.

- 1 Produce full-color booklets in-house and in-line: Choose the 3,500-Sheet SR5120 Booklet Finisher to create saddle-stitch booklets up to 30 sheets/120 pages. For fully automated wire-bound booklets choose the GBC StreamWire.
- **Keep jobs running continually:** With the High Capacity Stacker SK5040 you can stack up to 5,000 sheets and easily move it with a Roll-Away Cart.
- **Eliminate offline manual insertion:** Add a one-tray or two-tray Cover Interposer to easily feed preprinted inserts and covers into your workflow.
- 4 Avoid job redos: Reduce toner adhesion on stacked, coated paper when you use the optional Buffer Pass Unit to cool media before sending it to the finishing unit.



- **Seep jobs flowing through production:** Install the optional Decurl Unit to minimize paper curling and improve stacking.
- **Streamline information capture:** Copy and scan jobs up to 240 images per minute using the standard 220-Sheet Document Feeder, which scans duplex color in a single pass.
- 7 Be known for superb reproduction quality: Deliver brilliant color and smooth, subtle gradations with Vertical Cavity Surface Emitting Laser (VCSEL) technology and PxP-EQ toner technology.
- 8 **Refill paper without downtime:** Rely on the Active Tray Indicators to tell you which tray is in use so you can fill other trays while the system is running.

- 9 Know immediately when a system needs attention: View the Status Light Pole from anywhere in the room.
- **Speed through job instructions:** Complete tasks quickly and easily using the 10" Smart Operation Panel with tablet-like features.
- 11 Accurate front-to-back registration: The Bridge Unit BU5030, which is required with the Vacuum Feed LCIT, ensures precise registration in this compact footprint.
- 12 **Produce longs runs:** The Vacuum Feed LCIT RT5120 adds 4,400-sheets of media with support for coated and heavy stocks up to 360 gsm, in sizes up to 13" × 19.2".

Innovative technology. Superior color. **High productivity.**



An outstanding design that delivers on every level.

Developed to be a superior product in a compact footprint, without compromise.

- Smart features include the 10" Smart Operation Panel that guides an intuitive user experience.
- Trained Customer Replaceable Units (TCRUs) allow you to execute routine maintenance on your schedule, ensuring the system is up and running when you need it most.
- Active tray indicator lights allow media to be loaded on-the-fly, increasing efficiency for longer runs and fewer interruptions.



The power to help your business do more.

Gain a competitive edge with features that help reduce labor intensive set-up, minimize wasted output and achieve repeatable, high-quality results.

- Six media pick points offer the flexibility to boost production speeds with minimal intervention delivering exceptional output on time and on budget.
- Built-in sensors drive automation for precise front-to-back registration, producing high-quality results when duplexing business cards, direct mail, books, brochures and invitations.
- End-to-end solutions for Web-to-Print and variable data, allow you to take on more jobs and drive higher response rates for your customers.



True-to-life color that meets customer needs.

Benefit from the same imaging technologies that drive Ricoh's larger volume award-winning systems and deliver incredible details that make an impact.

- Ricoh's Vertical Cavity Surface Emitting Laser (VCSEL) technology delivers the industry's highest pixel density (4800 dpi) for the most vivid images and crisp text with shape lines.
- Parallel calibration delivers high-image quality and consistent color page after page so you can confidently match brand colors and satisfy the most discerning customer.
- Proprietary PxP-EQ Toner enhances the smooth appearance of images on textured stocks and gloss media.





Exceptional paper-handling and professional finishing.

Produce high-value applications and bring previously outsourced jobs in-house.

- End-to-end finishing options include traditional stapling and hole-punching to GBC punching, inline multi-folding, and cover interposers that permit pre-printed inserts to be inserted into the workflow.
- Raise the bar with the new SR5120 Booklet Finisher for saddle-stitch books, up to 120 pages, with heavy weight covers up to 350 gsm.
- For workflows that rely on coated media, the Vacuum Feed LCIT provides enhanced support with two multi-tray feeds for longer runs.



More media. More applications. More profit.

Expand your customer base with eye-catching output, no matter what industry you serve.

- Streamline job setup and achieve optimal output with 1,000 preset or custom profiles in an intuitive Paper Library.
- Produce impressive posters, printed tab inserts, book wraps, panel mailers, full-size tri-fold brochures and more.
- Create a range of applications with extensive media choices from light-weight gloss sheets to the most interesting synthetic and textured stocks.



A total solution with software and services.

Tap into Ricoh's expertise to realize the full potential of your RICOH Pro C5300s/C5310s. Our experienced team will assess your needs and recommend the solutions to meet your goals.

- Rely on a partnership that gives you 24/7 support and one of largest service organizations dedicated 100% to production.
- Lower reprint costs and gain the highest color fidelity with Color Management Services.
- Increase the speed and accuracy of pre-press with TotalFlow® Prep and automate your production printing with TotalFlow® BatchBuilder, a solution that batches jobs based on attributes.

RICOH **Pro C5300s/C5310s**

System specifications

Specifications

Standard Modes Copy/Print/Scan

4 drum dry electrostatic transfer system with internal transfer belt Print/Copy Process

Fusing Toner

Oil-less belt fusing method Color PxP-EQ Toner Sensor and Optional Mechanical Registration Paper Registration Document Feeder

220-Sheet ADF with single-pass color duplex scanning at up to 240 ipm

Full Color 10.1" Smart Operation Panel Operation Panel Output Speed (Letter)

Pro C5310S: 80 ppm (52 - 256 gsm) 56 ppm (256.1 - 360 gsm) Pro C5300S: 65 ppm (52 - 256 gsm) 50 ppm (256.1 - 360 gsm)

Pro C5310S: (FC) Less than 9.6 seconds (B&W) Less than 8.1 sec First Copy Output Time

Pro C5300S: (FC) Less than 11 sec (B&W) Less than 9.2 sec

Max Monthly Volume 150K

Duty Cycle

VCSEL: 2400 x 4800 dpi Resolution

Print: 1200 x 4800 dpi Copy: 600dpi Scan: 600dpi

Paper Capacity

Tray 1: 2,500 sheets (1,250 x 2) Trays 2 – 3: 550 x 2 Bypass Tray: 250 sheets

Total Standard Paper Capacity

Total Max Paper Capacity 8 550 sheets

Paper Size Tray 1: 8.5" × 11"

Trays 2 – 3: 3.94" × 5.5" to 13" × 19.2" Bypass: 3.94" × 5.5" to 13" × 49.6",

Envelopes

Paper Weight Trays 1 – 3: 14 lb. Bond – 110 lb. Cover (52 –

Bypass Tray: 14 lb. Bond – 130 lb. Cover (52

- 360 gsm)

Auto Duplex: 14 lb. Bond – 130 lb. Cover (52

- 360 gsm) 12.7" × 18.9"

Maximum Printable Area on 13 x 19.2"

Warm-up Time Typical Electricity Less than 120 seconds Pro C5300s: 5.813kWh/wk Pro C5310s: 7.273kWh/wk

Consumption (TEC)*
Max. Power Consumption 3,840 W or less **ENERGY STAR 3.0** Certified Gold Rated

208 – 240V, 16A, 60 Hz (dedicated) Power Requirements 31.4" × 34.6" × 64.9" (incl. ADF and Status Light Pole) Dimensions (W x D x H)

Weight Less than 576.4 lbs.
*Typical Electricity Consumption by ENERGY STAR program.

Paper Capacity

Printer Controller

EFI Color Controller E-47B

Fiery FS400 Pro Fiery System Version Configuration Server Type 8GR RAM

Intel Core i5-6500 processor (3.2GHz up to 3.6GHz with Turbo) HDD

1TB SATA Windows 10 IoT Enterprise 2019 LTSC Operating System

EFI Color Controller E-27B

Fiery FS400 Pro Fiery System Version Configuration Embedded Type Memory 4GR

Intel Pentium processor G4400 3.3GHz HDD 500GB

Operating System

Accessories

A4/LT Large Capacity Input Tray (LCIT RT4060)

Paper Capacity Paper Size 4 400 sheets

14 lb. Bond – 80 lb. Cover (52 – 216 gsm) Paper Weight

Dimensions (W x D x H)

Weight 44 lbs.

A3/DLT Large Capacity Input Tray (LCIT RT5140)

Paper Capacity

3.94 × 5.5" - 13" × 19.2" 14 lb. Bond – 110 lb. Cover (52 – 300 gsm) 34.2" × 28.7" × 25.9" Paper Size Paper Weight

Dimensions (W x D x H)

180 lbs

Weight

Banner Sheet Guide Tray for A3/11"x17" LCIT Type S6 Paper Capacity

250 sheets up to 13" × 27.5" Paper Size Paper Weight 14 lb. Bond - 110 lb. Cover (52 - 300 gsm)

Vacuum Feed Large Capacity Input Tray (LCIT RT5120)

4,400 sheets (2,200 sheets x 2 Trays) 3.94" x 5.5" – 13" x 19.2" 14 lb. Bond – 130 lb. Cover (52 – 360 gsm) 41.5" x 28.7" x 39.4" Paper Capacity Paper Size

Paper Weight Dimensions (W x D x H)

507 lbs.

Weight Carbonless Paper supported with optional Carbonless Paper Unit Type S13

Bridge Unit BU5030 (Required for the LCIT RT5120)

Mechanical Registration included
Dimensions (W x D x H) 8.85"

8.85" × 28.2" × 39.4" 90 lbs

Vacuum Feed Oversize Sheet Tray Type S9

730 sheets 8.27" × 16.54" – 13" × 27.5" Paper Size

Paper Weight 14 lb. Bond – 130 lb. Cover (52 – 360 gsm) Width of LCIT RT5120 will extend to 50.8"

Multi Bypass Tray (BY5020)

500 sheets Paper Capacity

3.94" × 5.5" – 13" × 19.2" Paper Size

Maximum Paper size extends up to 13" \times 27.5" by adding the

Multi Bypass Oversize Sheet Tray Type S9 14 lb. Bond – 80 lb. Cover (52 – 216 gsm) Paper Weight

Cover Interposer (CI5050)

200 sheets (200 sheets x 1 Tray) Paper Capacity 250 sinced x 1 may 5.5" × 8.5" – 11" × 17" 17 lb. Bond – 80 lb. Cover (64 – 216 gsm) 19.7" × 23.6" × 23.6" Paper Weight

Dimensions (W x D x H)

Weight 26 lbs.

Cover Interposer (CI5040)

Paper Capacity Paper Size 400 sheets (200 sheets x 2 Trays) 5.5" × 8.5" – 13" × 19.2" 14 lb. Bond - 130 lb. Cover (52 - 350 gsm)

Paper Weight Supported

Double Feed Detection Supported Dimensions (W x D x H) 13" × 28.7" × 50.8"

Weight 110 lbs.

Multi Folding Unit FD5020

Single Sheet Mode: Z-Fold, Half-Fold/Print inside, Half-Fold/Print outside, Letter Fold-in/ Folding Type

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-

Single Sheet Mode: Z folding: 8.5" × 11 Paper Size

Single Sheet viole. 2 folding: 8.5" × 11" – 13" × 18"; Half folding: 8.5" × 11" – 13" × 19.2"; Letter folding: 8.5" × 11" – 12" × 18"; Double Parallel folding: 8.5" × 11" – 12" × 18"; Gate folding: 8.5" × 11" – 12" ×

Multiple Sheets Mode: Half folding: 8.5" × 11" – 13" × 19.2"; Letter Fold-in: 8.5" × 11" – 12" × 18"; Letter Fold-out: 8.5" × 11" – 8.5" × 14"

Paper Weight Single Sheet Mode: 17 lb. Bond – 28 lb. Bond (64 – 105 gsm) Multiple Sheets Mode: 17 lb. Bond – 21 lb.

Bond (64 – 80 gsm) 18.5" × 28.7" × 39.4" 203 lbs.

Dimensions (W x D x H)

Weight

High Capacity Stacker (SK5040)

Paper Capacity Proof tray 5,000 sheets Additional 250 sheets

Paper Weight 14 lb. Bond – 130 lb. Cover (52 – 360 gsm) Standard and Optional additional carts Rollaway Cart

available 35.4" × 28.7" × 39.8" Dimensions (W x D x H)

Weight Stacker: 264 lbs.; Rollaway cart: 33 lbs













Copy Tray Type M42

Paper Capacity 500 sheets

3.94" × 5.5" – 13" × 19.2" 14 lb. Bond – 130 lb. Cover (52 – 360 gsm) 13.8" × 19.7" × 6.7" Paper Size Paper Weight

Dimensions (W x D x H)

Weiaht 4.85 lbs.

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

Shift Tray Paper Capacity

3,000 sheets

Paper Weight Proof Tray 14 lb. Bond – 130 lb. Cover (52 – 360 gsm)

Paper Capacity Paper Weight 14 lb. Bond – 80 lb. Cover (52 – 216 gsm) 3.94" × 5.5" – 13" × 19.2"

Paper Size Output Jogger Optional

Cooling Fan Punch 2/3 hole Optional Optional Staple

Paper Size 8.5" × 11", 8.5" × 14", 11" × 17" – 2 to 65 sheets

Up to 105 gsm Staple Paper Weight

Top, Bottom, 2 Staples, Top Slant 25.9" × 28.7" × 38.6" 83.7 lbs. Staple Position Dimensions (W x D x H)

Weight

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

Shift Tray Paper Capacity

2,000 sheets

14 lb. Bond – 130 lb. Cover (52 – 360 asm) Paper Weight

Proof Tray

Paper Capacity Paper Weight 250 sheets 14 lb. Bond – 80 lb. Cover (52 – 216 gsm)

Output Jogger Cooling Fan Punch 2/3 hole Ontional Optional Optional

Staple Size 8.5" × 11", 8.5" × 14", 11" × 17" – 2

Paper to 65 sheets

Weight Up to 105 gsm Paper Position Top, Bottom, 2 Staples, Top Slant

Saddle Stitch Staple

85" x 11" - 13" x 18" Paper Size Paper Weight 64-80 gsm – up to 20 sheets Position 2 at center

25.9" × 28.7" × 38.6" 128.7 lbs. Dimensions (W x D x H)

Weight

4.500-Sheet Finisher with 100-Sheet Stapler (SR5110)

Paper Capacity

3.500 sheets Lower Shift Trav Upper Shift Tray Paper Weight

1,000 sheets 14 lb. Bond – 130 lb. Cover (52 – 360 gsm)

Punch 2/3 hole Optional 39.2" × 28.7" × 55.7" Dimensions (W x D x H)

Weight 298 lbs 3,500-Sheet Booklet Finisher with 100-Sheet Stapler (SR5120) Paper Capacity

Lower Shift Tray 1.000 sheets

Upper Shift Tray Paper Weight 14 lb. Bond – 130 lb. Cover (52 – 360 gsm)

Punch 2/3 hole Optional Optional
14 lb. Bond – 130 lb. Cover (52 – 350 gsm)
7.2" × 10.2" – 13" × 19.2"
52 – 80 gsm up to 30 sheets / 120 pages
39.2" × 28.7" × 55.7" Saddle Stitch Staple Paper Size

Paper Weight

Dimensions (W x D x H) Weight 353 lbs.

Booklet Trimmer (TR5050)

One Side Edge Trimming Type

up to 30 stapled and folded sheets / 120 pages (80 gsm) Trimming Capacity

Paper Size 7.2" × 10.2" - 13" × 19.2" Stack Capacity Up to 60 sets

Limitless Stack Supported 43.9" × 23.3" × 21.9" 166 lbs. Dimensions (W x D x H) Weiaht

GBC StreamPunch Ultra

Paper Sizes

5.5" × 8.5", 8.5" × 11", 8.5" × 14", 11" × 17", 12" × 18" 20 lb. Bond – 110 lb. Cover (75 – 300 gsm) Paper Weight

Tab Punching Supported "Two-Up" Punching Supported

(W x D x H) 17.5" × 28.7" × 39.4" Dimensions Weight 220 lbs

 $\begin{array}{lll} \textbf{GBC StreamWire (GBC StreamPunch Ultra is required)} \\ \textbf{Paper Sizes} & 8.5" \times 11" (LEF) \\ \textbf{Paper Weight} & 20 \text{ lb. Bond} - 110 \text{ lb. Cover } (75-300 \text{ gsm}) \\ \textbf{Number of Loops} \\ \textbf{StreamWire Supply} & 8.5" \times 11" (LEF) - 32 \text{ loops} \\ \textbf{StreamWire Supply} & \text{Black, White, or Silver} \\ \end{array}$

Up to 30, 50, 60, 70, or 80 Sheets Tab Stock Supported 34" × 38" × 34"

Dimensions (W x D x H) 500 lbs. Weight

Plockmatic Square Back Trimmer

One Side Edge Trimming Type
Three side Trimming

Manual feeding via Operator assisted process Square Back Fold

Folding Type Trimming Capacity up to 30 stapled and folded sheets / 120

pages (80 gsm) 7.2" × 10.2" – 13" × 19.2" 69.3" × 26" × 41.9" Paper Size

Dimensions (W x D x H)

Weight

Plockmatic PBM350e Booklet Maker
Paper Size 8.5" × 11" – 12" × 18"

17 lb. Bond – 110 lb. Cover (64 – 300 gsm) 2 – 35 sheets – 80 gsm Paper Weight Set Size

2 – 50 sheets – 80 gsm (PBM500 upgrade kit

needed)

55.9" × 35.4" × 27.6" Dimensions (W x D x H)

297 lbs.
Trim Module, Book Fold Module, Cover Weight Optional

Feeder, Rotate Crease Trimmer

Additional Accessories

Decurl Unit DU5080, Buffer Pass Unit Type S9, Bridge Unit BU5020, Media Identification Unit, PostScript Unit Type M42, IPDS Unit Type M42, VM Card Type P18, OCR Unit Type M13

Consumables

CMY Toner Yield 26K prints/bottle* K Toner Yield 31K prints/bottle3 Waste Toner Bottle Yield 110K prints/bottle* *Based on 8.75% coverage (Letter)

TCRU Program Supported

Workflow Solutions Supported

Ricoh Streamline NX, Ricoh Global Scan NX, Ricoh Integrated Cloud Environment, Ricoh Smart Integration, RICOH ProcessDirector", RICOH TotalFlow Prep, RICOH TotalFlow Production Manager, RICOH TotalFlow BatchBuilder, RICOH @Remote, EFI Color Profiler Suite, EFI Fiery Graphic Arts Pro, EFI Fiery ColorRight, EFI Fiery Automation, DirectSmile*, EFI Fiery Central, Objectif Lune

Specifications subject to change without notice. Contact Ricoh for a list of certified media.



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