**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
- Automatic duplexing up to 13" × 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 EFI 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.



- **S Keep 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.
- **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**

#### **Specifications**

Standard Modes Copy/Print/Scan

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

Fusing Oil-less belt fusing method Color PxP-EQ Toner Toner

Paper Registration Sensor and Optional Mechanical Registration Document Feeder 220-Sheet ADF with single-pass color

duplex scanning at up to 240 ipm

Optional Operation Panel

Full Color 10.1" Smart Operation Panel Pro C5310S: 80 ppm (52 - 256 gsm) 56 ppm (256.1 - 360 gsm) Output Speed (Letter)

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

VCSFI: 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 Tray 1: 8.5" × 11" Paper Size

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

Bypass: 3.94" × 5.5" to 13" × 49.6",

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

300 asm)

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

360 qsm)

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) 31.4" × 34.6" × 64.9" (incl. ADF and Status Light Pole) Power Requirements Dimensions (W x D x H)

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

#### **Printer Controller**

EFI Color Controller E-47B

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

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

1TB SATA Windows 10 IoT Enterprise 2019 LTSC HDD Operating System

EFI Color Controller E-27B

Fiery System Version Configuration Fiery FS400 Pro 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 4.400 sheets Paper Size

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

Dimensions (W x D x H) 13.8" × 21.3" × 24.6"

Weiaht 44 lbs.

A3/DLT Large Capacity Input Tray (LCIT RT5140) Paper Capacity

Paper Size

2,200 sheets 3.94 x 5.5" - 13" × 19.2" 14 lb. Bond – 110 lb. Cover (52 – 300 gsm) 34.2" × 28.7" × 25.9" Paper Weight Dimensions (W x D x H)

Weight 180 lbs

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

Paper Capacity

250 sheets up to 13" × 27.5" Paper Size 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. Weiaht

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" × 28.2" × 39.4"

90 lbs

Vacuum Feed Oversize Sheet Tray Type S9

Paper Capacity

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)

Paper Capacity Paper Size 500 sheets 3.94" × 5.5" – 13" × 19.2"

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)

Paper Capacity

200 sheets (200 sheets x 1 Tray) 5.5" x 8.5" - 11" x 17" 17 lb. Bond - 80 lb. Cover (64 - 216 gsm) Paper Weight

Dimensions (W x D x H) 19.7" × 23.6" × 23.6"

Weight 26 lbs.

Cover Interposer (CI5040)

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

Paper Weight Air Assist

Supported Double Feed Detection Supported 13" × 28.7

Dimensions (W x D x H) × 28.7" × 50.8"

110 lbs. Weight

Multi Folding Unit FD5020 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-

Single Sheet Mode: Z folding: 8.5" × 11" – 12" × 18"; Half folding: 8.5" × 11" – 13" × 19.2"; Letter folding: 8.5" × 11" – 12" × Paper Size

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"

85" v 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"

Dimensions (W x D x H) 203 lbs.

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)

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



Set Size











Copy Tray Type M42

Paper Capacity Paper Size 500 sheets

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

Dimensions (W x D x H)

Weiaht 4.85 lbs.

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

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

Staple Paper Weight

Up to 105 gsm Staple Position

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

Weight

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

Shift Tray Paper Capacity 2,000 sheets

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

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

Output Jogger Cooling Fan Ontional Optional Punch 2/3 hole 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

2 at center 25.9" × 28.7" × 38.6" 128.7 lbs. Position 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 1,000 sheets

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

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

Upper Shift Tray 1.000 sheets

Paper Weight 14 lb. Bond – 130 lb. Cover (52 – 360 gsm) Punch 2/3 hole Optional

Optional
4 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)

353 lbs.

Booklet Trimmer (TR5050)

Weight

Weiaht

One Side Edge Trimming Type

up to 30 stapled and folded sheets / 120 Trimming Capacity

pages (80 gsm) 7.2" × 10.2" – 13" × 19.2" Paper Size Stack Capacity Up to 60 sets

Supported 43.9" × 23.3" × 21.9" 166 lbs. Limitless Stack 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.

GBC StreamWire (GBC StreamPunch Ultra is required)

Paper Sizes

20 lb. Bond – 110 lb. Cover (75 – 300 gsm) 8.5" × 11" (LEF) – 32 loops Paper Weight Number of Loops

StreamWire Supply Black, White, or Silver Up to 30, 50, 60 ,70, or 80 Sheets

Tab Stock Supported 34" × 38" × 34" Dimensions (W x D x H) 500 lbs.

**Plockmatic Square Back Trimmer** 

Trimming Type
Three side Trimming One Side Edge Manual feeding via Operator assisted process

Folding Type Square Back Fold

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"

Paper Weight

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

2 – 50 sheets – 80 gsm (PBM500 upgrade kit

needed)

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

Weight Trim Module. Book Fold Module. Cover 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

EFI Fiery Central, Objectif Lune

**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",

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



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