

Colour Production Printer

# RICOH Pro C5300s SERIES

**RICOH**  
imagine. change.

Copier  Printer  Scanner



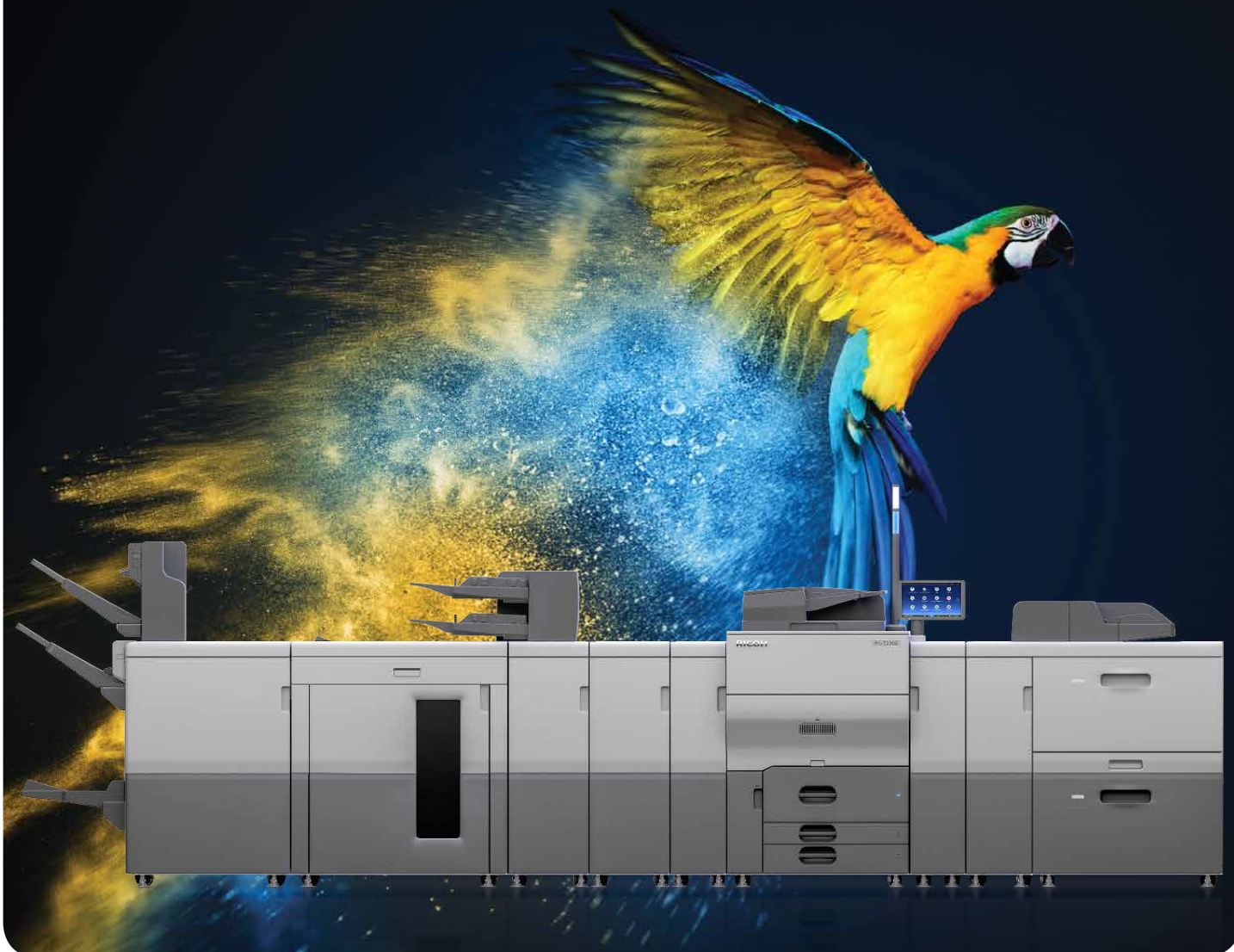
**RICOH**  
Pro C5300s  
65 ppm  
Monochrome  
Full colour

**RICOH**  
Pro C5310s  
80 ppm  
Monochrome  
Full colour

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

Capture and capitalise on more opportunities with RICOH Pro C5300s series. Built as a right-sized solution, it combines high-quality colour, 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.

- High productivity with full-colour output up to 80ppm
- Exceptional image quality with Vertical Cavity Surface Emitting Laser (VCSEL) resolutions up to 2,400 x 4,800dpi
- Best-in-class media support for specialty stocks, oversized sheets and heavier weights
- Accurate registration and colour consistency for higher-quality jobs
- Automatic duplexing up to 13" x 19.2" and weigh up to 360gsm
- Intuitive user controls with a 10.1-inch 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 compliant for lower operating costs and sustainability goals
- User authentication and data encryption protect sensitive information



# The right features, the right size, in the right place

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 series delivers on both — brilliantly.

## 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 colour 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 colour 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 colour, 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

## In-plants

Keep more work in-house and remain as 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 colours
- 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

## Marketing Agencies

Set your firm up for more wins with a compact, high-calibre colour printer that is easy-to-use and requires minimal maintenance.

- Always be ready to deliver professional presentations that show off your genius ideas with vibrant colour and pristine image quality
- Give teams the ability to explore their creativity and fully execute concepts across more media types
- Produce compelling content 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





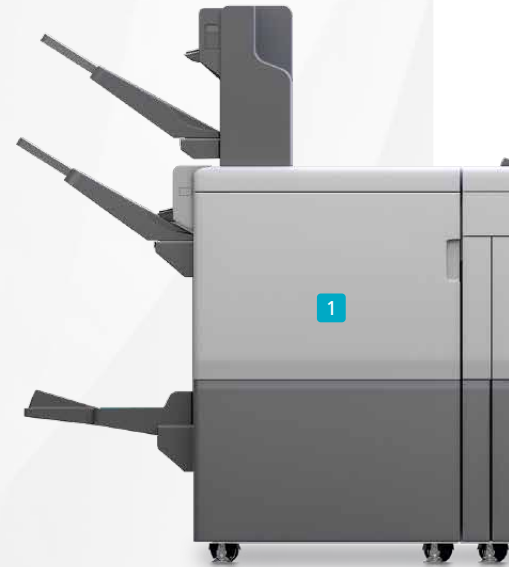
# Configure a true end-to-end solution with robust finishing options and software to match your workflow

## Powerful controllers to manage your workflow

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

- 1 Produce full-colour 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.
- 2 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.
- 3 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.
- 5 Keep jobs flowing through production**  
Install the optional Decurl Unit to minimize paper curling and improve stacking.
- 6 Streamline information capture**  
Copy and scan jobs up to 240 pages per minute using the standard 220-Sheet Document Feeder, which scans duplex colour in a single pass.





**7 Be known for superb reproduction quality**  
Deliver brilliant colour 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.

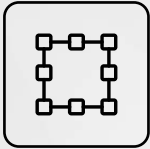
**9 Know immediately when a system needs attention**  
View the Status Light Pole from anywhere in the room.

**10 Speed through job instructions**  
Complete tasks quickly and easily using the 10.1-inch Smart Operation Panel with tablet-like features.

**11 Accurate front-to-back registration**  
The Bridge Unit BU5020, which is required with the Vacuum Feed LCIT ensures precise registration in this compact footprint.

**12 Produce long runs**  
The Vacuum Feed LCIT RT5120 adds 4,400 sheets of media with support for coated and heavy stocks up to 360gsm, in sizes up to 330mm x 487.7mm.

# Innovative technology, superior colour, 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 10.1-inch 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 labour intensive set-up, minimise 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 colour that meets customer needs

Benefit from the same imaging technologies that drive Ricoh's large 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 (4,800dpi) for the most vivid images and crisp text with sharp lines
- Parallel calibration delivers high-image quality and consistent colour page after page so you can confidently match brand colours 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 which print up to 120 pages, and with heavy weight covers up to 360gsm
- 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 which industry you serve.

- Streamline job setup and achieve optimal output with 1,000 preset of 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 realise the full potential of your RICOH Pro C5300s series. Our experienced team will assess your needs and recommend the solutions to meet your goals.

- Lower reprint costs and gain the highest colour fidelity with Colour 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 series

## MAIN SPECIFICATIONS

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Model Name:	Pro C5300s, Pro C5310s
Standard Modes:	Copy/Print/Scan
Print/Copy Process:	4 drum dry electrostatic transfer system with internal transfer belt
Fusing:	Oil-less belt fusing method
Toner:	Colour PxP-EQ Toner
Paper Registration:	Sensor and Optional Mechanical Registration
Document Feeder:	220-Sheet ADF with single-pass colour duplex scanning at up to 240 ipm
Operation Panel:	Full Colour 10.1-inch Smart Operation Panel
Output Speed (Letter):	Pro C5300s: 52 - 256gsm: 65ppm 256.1 - 360gsm: 50ppm Pro C5310s: 52 - 256gsm: 80ppm 256.1 - 360gsm: 56ppm
First Copy Output Time:	Pro C5300s: Full colour: Less than 11 seconds B&W: Less than 9.2 seconds Pro C5310s: Full colour: Less than 9.6 seconds B&W: Less than 8.1 seconds
Maximum Monthly Volume:	150K
Duty Cycle:	450K
Resolution:	VCSEL: 2,400 x 4,800dpi Print: 1,200 x 4,800dpi 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:	3,850 sheets
Total Maximum Paper Capacity:	8,550 sheets
Paper Size:	Tray 1: A4 Trays 2 – 3: 100mm x 139.7mm to 330mm x 487.7mm Bypass: 100mm x 139.7mm to 330mm x 1,260mm, Envelopes
Paper Weight:	Trays 1 – 3: 52.3 – 300gsm Bypass Tray: 52.3 – 360gsm Auto Duplex: 52.3 – 360gsm
Maximum Printable Area:	323mm x 480mm on 330mm x 487.7mm
Warm-up Time:	Less than 120 seconds
Typical Electricity Consumption (TEC)*:	Pro C5300s: 5.813 kWh/wk Pro C5310s: 7.273 kWh/wk
Maximum Power Consumption:	3,840 W or less
ENERGY STAR 3.0:	Certified
EPEAT:	Gold Rated
Power Requirements:	208 – 240V, 16A, 60 Hz (dedicated)
Dimensions (W x D x H):	799mm x 880mm x 1,648mm (incl. ADF and Status Light Pole)
Weight:	Less than 262kg

\*Typical Electricity Consumption by ENERGY STAR program.

### PRINTER CONTROLLER

#### EFI Colour Controller E-27B

Fiery System Version:	Fiery FS400 Pro
Configuration:	Embedded Type
Memory:	4GB
CPU:	Intel Pentium processor G4400 3.3GHz
HDD:	500GB
Operating System:	Linux

#### EFI Colour Controller E-47B

Fiery System Version:	Fiery FS400 Pro
Configuration:	Server Type
Memory:	8GB RAM
CPU:	Intel Core i5-6500 processor (3.2GHz up to 3.6GHz with Turbo)
HDD:	1TB SATA
Operating System:	Windows 10 IoT Enterprise 2019 LTSC

### ADDITIONAL ACCESSORIES

Decurl Unit DU5080, Buffer Pass Unit Type S9, Bridge Unit BU5020, Media Identification Unit Type S3, PostScript3 Unit Type M42, IPDS Unit Type M42, OCR Unit Type M13

### CONSUMABLES

CMY Toner Yield:	26K prints/bottle*
K Toner Yield:	31K prints/bottle*
Waste Toner Bottle Yield:	110K prints/bottle*
TCRU Program:	Supported

\*Based on 8.75% coverage (Letter)

### 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® DigitalStoreFront™, EFI Color Profiler Suite, EFI Fiery™ Graphic Arts Pro, EFI Fiery ColorRight, EFI Fiery Automation, DirectSmile™, EFI Fiery Central, Objectif Lune, FusionPro VDP Creator, RICOH Supervisor

Specifications subject to change without notice.

Contact Ricoh for a list of certified media.

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[www.ricoh-ap.com](http://www.ricoh-ap.com)

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