RICOH Pro C900/C900s
Color Production System
Improve Capacity and Flexibility

workflow
speed
versatility
This fast, flexible system meets all your business needs. Faster performance for variable data printing. Higher throughput during peak production. Greater flexibility for inline finishing. Lower costs for full-color applications. The RICOH® Pro C900/C900s delivers all of these advantages, and much more. With this cost-effective, production-class color system, you can also have convenient scanning and copying. Either way, you can accept more specialty jobs and capitalize on every opportunity to grow your business.

The RICOH Pro C900 delivers high-volume color printing while the RICOH Pro C900s adds built-in scanning, copying and document serving functionality. Both systems offer extensive inline finishing options.
Versatile Imaging, Exceptional Color
Equipped to produce an incredible variety of color documents, this versatile digital color production system empowers you to take on new kinds of jobs, finish them faster and keep your customers coming back for more.

- Deliver every document faster with a 90 page-per-minute print engine. This high-speed, high-volume system lets you add capacity, offload work from other systems or migrate jobs to more cost-effective technology—all of which grow revenue.
- Maintain profitability. The RICOH Pro C900/C900s is engineered to provide maximum uptime enabling you to consistently deliver jobs on time.
- Replace toner bottles, as well as reload and auto-link Media Trays, without stopping jobs in progress, enabling long, unattended print runs.
- Never let your choice of media hinder productivity. The RICOH Pro C900/C900s handles heavy media weights without slowing down, so you can reduce turnaround time for direct mail and Variable Data Printing (VDP) jobs.
- Navigate through the print controller and program tasks quickly on the user-friendly, easy-to-read, 10.4-inch color touch-screen display.
- Add the service and support network of Ricoh, a trusted global brand, and the result is a responsive organization dedicated to your business needs.

Multifaceted Capabilities
The RICOH Pro C900s offers versatile scanning, copying and document storage, making it ideal for environments that need one system to do it all.

- Capture originals with resolutions up to 1200 dpi for exceptionally smooth reproduction of images, text, graphics and tonal gradations.
- Integrate documents into unique workflows or distribute documents throughout the enterprise with a full array of Scan-to destinations, including e-mail, URL, FTP, SMB, mailbox, hold queue, and more.
- Save precious production time by scanning hardcopy originals directly into any TWAIN-compliant desktop application.
- Preview, modify and reprint commonly used documents without re-RIPing them by storing them on the 410 GB Document Server.

Consistent, Repeatable Quality
The RICOH Pro C900/C900s delivers consistent, high-quality color output on a wide variety of media, even in demanding production environments.

- Captivate customers with exceptional 1200 x 1200 dpi image quality. The RICOH Pro C900/C900s provides the same high resolution as higher-volume systems, so you can send short-run jobs to a less expensive solution.
- Expect consistent toner coverage in high-color areas because of the system’s stabilizing, single-direction development method.
- Produce a wider range of colors using specially formulated toner technology.
- Achieve consistent color quality from print-to-print and over long runs with innovative self-checks and real-time calibration that adjust and compensate for color shifts.
Engineered for Reliable Performance

Take a Closer Look at the RICOH Pro C900/C900s Production System
Build the perfect digital color production system for your company’s needs with the flexible RICOH Pro C900/C900s.

Trained Customer Replaceable Units
Trained Customer Replaceable Units (TCRUs) enable trained operators to replace key hardware components quickly without waiting for the service technician. The end result is greater uptime, which enables you to generate more revenue.

Easy Toner Replacement
Replace toner on the fly without interrupting production. Just load a toner bottle into the slot and slide it in.

Convenient Inline Finishing
Choose the right finishing capabilities for a variety of specialty requirements. With multiple options, you can configure a complete, end-to-end document finishing solution that aligns with your customers’ needs. Inline finishing also lets you process complex jobs without taking them offline for manual finishing.

@Remote™
Ensure accurate, timely meter reads and billing. The RICOH @Remote™ diagnostic solution collects device service and error log data remotely and reports media and toner alerts.

Workflow
Select from three powerful print controllers, depending on your specific workflow and application requirements.

RB5000 Ring Binder
The Ring Binder automates the entire binding process, by punching, collating and applying the ring bind without any manual intervention. Choose two ring sizes for documents up to 50 or 100 sheets.

GBC StreamPunch™ III
This interchangeable die punch unit rapidly produces punched and collated documents in a variety of binding styles—which are then bound in an off-line operation.
**GB5000 Perfect Binder***
Meet customer demand for inline perfect-bound books from 10 to 200 pages (400 pages in duplex mode). This finisher automatically trims collated pages (three sides or one side) and applies the perfect binding without operator intervention, so you can reduce labor costs.

**SK5000 High Capacity Stacker**
The High Capacity Stacker enables longer unattended print runs, providing up to 10,000-sheet stacking capability when two SK5000 units are configured. Each stacker comes with a roll-away cart for transporting stacked output to off-line bindery operations.

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**BY5000 500-Sheet Multi-Bypass Tray**
Access up to seven different paper sources to produce documents with covers, tabs and colored pages.

**Intuitive Operation Panel**
Use the intuitive, easy-to-read Operation Panel to gain direct access to the Job Queue, the built-in Document Server and other advanced functions. (Available on the RICOH Pro C900s only)

**High Resolution Color Scanner with ARDF**
Scan full-color or black & white originals directly into the Document Server or distribute them to e-mail, URL, FTP, mailbox, and more. Load a mix of different-sized documents into the 100-Sheet ARDF, then hit one button and make sets for all stakeholders. (Available on the RICOH Pro C900s only.)

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**Status Light**
Easily check system status at-a-glance with a helpful status indicator light.

**Large Capacity Tray with Air-Assist Feeding**
With two trays that each hold up to 2,000 sheets, including sizes up to 13” x 19.2”, the LCIT RT5020 Large Capacity Tray* allows you to easily accommodate 11” x 17” jobs with full bleed—including crop marks, registration marks and color bars.

*The Pro C900 can be configured with up to two optional LCITs. The Pro C900s can be configured with one additional optional RT5020 LCIT.

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**Broad Range of Media**
Run a wide variety of conventional and specialty stocks (in sizes up to 13” x 19.2”) and take on more jobs, regardless of media requirements. Print drivers support advanced page programming for mixed media, so you can automate the selection of stocks during job preparation and submission. You can also load a mix of different-sized documents into the ARDF, then hit one button and make sets. (ARDF available on the Pro C900s only.)

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**Intuitive Operation Panel**
Use the intuitive, easy-to-read Operation Panel to gain direct access to the Job Queue, the built-in Document Server and other advanced functions. (Available on the RICOH Pro C900s only)

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*Please contact your RICOH Pro C900/C900s Sales Representative for availability.*
Optimize Color Performance

The Color Controller C-80*, powered by Creo Color Server Technology, offers full graphic arts management tools for out-of-the-box job control and editing, making it ideal for any production environment.

- Maximize productivity. The Creo Fusion board allows you to RIP one file while printing a separate file simultaneously, as well as make changes to a processed job without re-RIPing the file.
- Streamline job processing with seamless integration to graphic arts workflows, including Kodak (Scitex) Brisque, Kodak Prinergy and Agfa:Apogee.
- Apply separate rendering styles to text and images to optimize final output quality while accelerating job processing time.
- Capitalize on the rapidly expanding personalization market with extensive built-in VDP capabilities.
- Expect accurate, consistent results with out-of-the-box color and image quality.
- Bridge the gap between offset and digital printing with built-in JDF support.

*Only available on the RICOH Pro C900.

Advanced Workflow Control

The Color Controller E-80, powered by EFI® Fiery® QX100 Server technology, is ideal for handling complex print jobs with exceptional speed.

- Improve overall print management. The E-80 controller meets the needs of printing environments where advanced color management, high productivity and speed are critical to ensure success and profitability.
- Take advantage of the growing popularity of Variable Data Printing (VDP). With this controller, you can implement open architecture and flexible VDP solutions to add value to documents and increase volume of customized output.
- Increase processing speed. The E-80 controller features an extremely fast dual-processor architecture and the ability to RIP one file while printing another, enabling it to produce documents much faster than other high-speed systems.
- Achieve total control with automated workflow for all print jobs. Administration is streamlined through Command WorkStation software, which makes it easy for operators to monitor, control and troubleshoot production.
- Ensure precise color management. This controller provides outstanding color control and includes professional-grade tools for color management, proofing and controlling color workflow.

Powerful EFI Fiery Controller

The RICOH Pro C900/Pro C900s offers a standard Fiery print controller that establishes end-to-end control over job processing at every stage of production.

- Create a smooth, uninterrupted and completely transparent process that covers Web-to-print submission, ticketing, acceptance, pre-flight, make-ready, print production, job management, finishing, archiving/retrieval and accounting.
- Use advanced profile creation tools to ensure color matching across a wide range of input and output devices.
- Leverage the smartest, most effective workflow solutions and streamline every aspect of your production environment through Ricoh’s partnerships with proven industry-leading technology innovators. These partners enable Ricoh to coexist seamlessly within current production environments.
- Get a comprehensive view of the print queue of one or more networked Fiery-driven devices using EFI Command WorkStation.

The Total Green Solution

Ricoh continues its long-standing commitment to developing solutions with environmentally friendly and superior energy- and supply-saving features, without compromising productivity.
Choose the Right Controller for Your Workflow

The RICOH Pro C900/C900s offers a choice of print controllers, all of which incorporate powerful file processing and color management technology from EFI. The controller that will align best with your needs depends on the types of jobs and print volume your production environment handles.

### Standard Workflow

The standard Fiery Controller handles a wide range of applications and drives the Pro C900/C900s at peak performance. Although it is fully integrated, this controller is a server-based platform that offers excellent production and outstanding value.

### Production-Focused Workflow

Ideal for generating personalized VDP jobs, the Color Controller E-80 delivers the speed, productivity and seamless workflow controls required for high productivity and precise results. It also offers versatile color management tools designed for graphic arts applications.

### Graphics-Intensive Workflow

The Color Controller C-80, powered by Creo Color Server Technology, is a high-performance, high-end color server designed for professional graphic arts, mid-production, CRDs, creative agencies and commercial printers. It also comes equipped with the speed and workflow controls required for VDP applications.
RICOH Pro C900/C900s Specifications

Main Unit
- Main Unit Base: Pro C900
- Configuration: Base Unit includes Plotting Engine, 2 x 1,000-Sheet Tandem Tray, 1 x 500-Sheet Sheet Tray and 10.4" Operation Panel
- Printing Process: Dry electrostatic transfer with internal transfer belt, 4-drum method
- Print Resolution: 1200 dpi
- Output Speed: 8.5" x 11": 90 pages-per-minute in BW and full-color
- Warm-Up Time: Less than 420 seconds
- Maximum Input: 11,000 sheets (fully configured)

Pro C900
- Media Size: Tray 1: 8.5" x 11" (tandem), 11" x 17"
- Media Weight: Tray 1: 8.5" x 11" (tandem), 11" x 17"** (Standard Input Tray)
- Media Weight: Tray 1 & 2: 16 lb. Bond – 80 lb. Cover
- Weight: 154.2 lbs. (700 kg) or less
- Power Requirements: 240V, 24A

Pro C900s
- Media Size: Tray 1: 2 x 1,000 sheets tandem
- Capacity: Tray 1: 2 x 1,000 sheets
- Media Size: Tray 1: 8.5" x 11" (tandem), 11" x 17"** (Standard Input Tray)
- Media Weight: Tray 1: 8.5" x 11" (tandem), 11" x 17"** (Standard Input Tray)
- Media Weight: Tray 1 & 2: 16 lb. Bond – 80 lb. Cover
- Dimensions (WxDxH): 49.2" x 43.3" x 56.7"
- Weight: 2,072 lbs. or less
- Power Requirements: 208 – 240V, 24A, 50/60 Hz, Single Phase
- Maximum Power: Less than 5,500W

Optional Input and Finishing Accessories

Optional Input Trays
- LCIT RT5000 Letter/Letter4 Tray RT5000 Letter/4 Letter Tray
- Large Capacity Tray: Tray 2: 1,000 sheets
- Tray 3: 2,550 sheets
- LCIT RT5020 13" x 19.2" Large Capacity Tray*
- Media Capacity: 2 x 200-Sheet Trays Air-Assist
- Media Size: 5.5" x 8.5" – 13" x 19.2"*
- Media Weight: 16 lb. Bond – 110 lb. Cover
- *Up to two LCIT RT5020 can be added per Pro C900 and one LCIT RT5020 per Pro C900s. BU5000 Bridge Unit required with second RT5020.
- BY5000 500-Sheet Multi-Bypass Tray*
- Media Capacity: 500 sheets
- Media Size: 5.5" x 8.5" – 13" x 19.2"*
- Media Weight: 16 lb. Bond – 80 lb. Cover
- *BY5000 requires an LCIT RT5020 on the Pro C900 or a second RT5020 on the Pro C900s.
- CS5010 2-Tray Cover Interposer
- Stack Capacity: 2 x 200 sheets
- Media Size: 5.5" x 8.5" – 13" x 19.2"*
- Media Weight: 17 lb. Bond – 80 lb. Cover
- SRS500 3,000-Sheet Finisher/Stacker
- Media Size: Up to 13" x 19.2"*
- Stack Tray: 16 lb. Bond – 110 lb. Cover
- Stack Capacity: Proof Tray: 500 sheets (8.5" x 11" or smaller)
- Shift Tray: 3,000 sheets (8.5" x 11" or smaller)

Staple Capacity
- 2 to 100 sheets: 8.5" x 11"*
- 2 to 50 sheets: 5.5" x 11" or 11" x 17"*

Staple Positions
- Top, Bottom, 2- staples, Top-Slant

Scanner Specifications (GW Controller)
- Scanning Resolutions: 100/150/200/300/400/600 dpi
- Scan Area: Up to 11.7" x 17"*
- Scan Speed: 750/575 (B&W/FC)
- File Formats: TIFF (Level 5 with Manchester and CCITT), JPEG, High Compression PDF
- Mixed Size Mode: Supported
- Scan-to-Destination: Scan-to-Mail, Scan-to-Folder, Scan-to-URL, Scan-to-FTP, Scan-to-NCP (Novell), TWAIN Scanning
- Scan-to-Email: SMTP, POP before SMTP
- Authentication: 200 – 600 dpi
- Max. E-Mail Addresses: 2,000 e-mail addresses, 500 groups
- LDAP: Supports up to five LDAP 4-positions
- File Type: Single/Multi-Page PDF or TIFF, Single/Multi High Compression PDF

Copier Specifications
- Scanning Element: 3-line CCD Array
- System Memory: 2 GB
- System HDD: 640 GB
- Document Feeder: Standard 100-Sheet ARDF
- Copy Resolution: 1200 x 1200 dpi
- Image Adjustment: Automatic or manual
- Quantity Indicator: Up to 9,999
- Original Type: Book/Sheet/Object
- Original Size: 5.5" x 8.5" – 11" x 17"*
- First-Copy Out Time: Less than 13.5 seconds
- Speed (Memory): 90/90 (B&W/FC)
- Speed (ARDF): 80/60 (B&W/FC)
- Zoom: 7 - reductions and 5 enlargements
- Copier Features: Auto Magnification, Directional Booklet Maker, Full Image Copy, Interrupt Copy, Original Type Setting, Duplex (1x1, 2x2, Book to 2-Sided, Front and Back to 2-Sided), Booklet Mode, Combine, Margin Adjustment, Erase 3-Edge, Cover/Slim-Sheet, Chaptering, Media Designate, Image Rotation, Electronic Sort, 4-Position Staple, Stamp, Image Adjustment, User Code, Interrupt Copy, Copy Counter, Counterfeit Prevention

Additional Accessories
- Tab Sheet Unit, Tandem Tray Converter, Optional Counter Interface, Cooling Fan for SRS500, Cooling Buffer Unit for SRS500

Consumables
- CMYK Toner: 72,000 page yield per bottle
- Based on 5% coverage

Standard Uptime Components
- TCUR Kit: Trained Customer Replaceable Parts Maintenance components replaced by customer
- Remote: Remote diagnostics
- Remote troubleshooting

For maximum performance and yield, we recommend using genuine Ricoh parts and supplies.