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.

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.

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.
Innovation Speed Color Finishing

**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.

**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.)

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

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

**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.

**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.)

*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.

<table>
<thead>
<tr>
<th>Standard Workflows</th>
<th>Production-Focused Workflows</th>
<th>Graphics-Intensive Workflows</th>
</tr>
</thead>
<tbody>
<tr>
<td>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.</td>
<td>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.</td>
<td>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.</td>
</tr>
</tbody>
</table>

---

**EFI Fiery Print Controller Specifications (Standard)**

<table>
<thead>
<tr>
<th>CPU</th>
<th>Intel Core Duo 2.16 GHz</th>
</tr>
</thead>
<tbody>
<tr>
<td>Memory</td>
<td>2 GB</td>
</tr>
<tr>
<td>Hard Disk Drive</td>
<td>500 GB (250 GB x 2)</td>
</tr>
<tr>
<td>Operating System</td>
<td>Windows XP</td>
</tr>
<tr>
<td>Network Interface</td>
<td>Ethernet 1000/100/10BaseT (2 ports)</td>
</tr>
<tr>
<td>Network Protocols</td>
<td>TCP/IP (IPv4, IPv6), AppleTalk, SMB</td>
</tr>
<tr>
<td>Optional Accessories</td>
<td>Monitor 19” wide - included</td>
</tr>
<tr>
<td>Color Measurement</td>
<td>ES-1000 Color Spectrophotometer</td>
</tr>
</tbody>
</table>

**Color Controller E-80**

| CPU | Intel Xeon (Quad-Core) E5450 3.00 GHz x 2 |
| Memory | 2 GB |
| Hard Disk Drive | 500 GB (250 GB x 2 for data), 82 GB (for OS) |
| Operating System | Windows XP |
| Network Interface | Ethernet 1000/100/10BaseT (2 ports) |
| Network Protocols | TCP/IP (IPv4, IPv6), AppleTalk, SMB |
| Color Measurement | ES-1000 Color Spectrophotometer |

**Color Controller Creo C-80 Platform**

| CPU | Intel Core2 Quad, 2.66 GHz, 6 MB, 1333 MHz |
| Memory | 3 GB Image memory |
| Hard Disks | 250 GB User Disk |
| Configuration | 750 GB Printer (image) disk |
| Creo Color Server | FusionRA board for dedicated image processing |
| Operating System | Windows XPe |
| Ports | 4 x USB, 1 Serial Port, 2 Ethernet Ports |
| Hardware Accessories | Mouse and keyboard - included |
| Network Interface | Ethernet 1000/100/10BaseT |
| Network Protocols | TCP/IP (IPv4, IPv6), AppleTalk, Bonjour, SMB |
| Client Operating Systems | Windows 2000, 2003, XP, Vista, Mac OSX v10.3.9 or later |

**Standard Utilities**

| Print Submission & Management | EFS Driver, EFS Command WorkStation (IPC & Mac), EFS WebTools, EFS Hot Folders, EFS Virtual Printer, EFS Print Center Plug-Ins, EFS Printing, EFS Process Next, Advanced Job Re-Order, Suspend On Mismatch, Quick Doc Merge, Schedule Print |
| Color Management & Proofing | EFS Fiery ColorWise, EFS Fiery Graphics Arts Package, EFS Fiery Color Profile Suite V2.2 |
| Variable Data Printing | EFS Fiery FreeForm, EFS Fiery VDP |
| Additional Utilities | EFS Resource Manager, Creo VPS |
| Document Assembly | EFS Faci bundle (keyboard, monitor, mouse and stand) |

**Page Description**

| Page Description | PDF, PostScript 3, PPLM, VPS |
| Native Files Supported | PDF, PostScript 3, PPLM, VPS |
| Job Ticket Workflow | Creo Color Server Job Ticket |
| Print Submission | Hot Folders, Virtual Printers, Print Drivers for Mac and PC |
| Prepress Compatibility | BSQ, TIFF/TIF, PDF to Go and others |
| Variable Data Printing | Compatible with most industry standard VDP applications. Standard and optional modes, VDP file creator, color file creator, VDP, SWOP |
| Color Management | Default Profiles (Mac OS X) |
| Default Profiles | Default ICC profiles, PostScript PPD files, Profile Support |
| Image Quality | Object Oriented, Calibration and Output Curve support |
| Spot Color Support | Pantone, DIC, Pantone Go, Toyo |
| Color Measurement | X-Rite i1 Spectrophotometer (included) |
| Color Server Technology | Progressive printing (PROG’S), high-end color server, Creo Color Server Technology, standard VDP applications. Standard and optional modes, VDP file creator, color file creator, VDP, SWOP |
| Standard Utilities | Creo Color Server Technology, standard VDP applications. Standard and optional modes, VDP file creator, color file creator, VDP, SWOP |
| Professional Power Pack | Professional Power Pack (Professional Power Pack) |
| Optional Utilities | Parallel RIP—speeds up production time by running two jobs simultaneously |
| Process Power Pack | Photo Touch-up Software—photo processing software for improved results |
| Hardware Accessories | Product stand |
| Security | Password printing from client on job level, login levels set by the system administrator, remote access on administration, support installation and configuration of 3rd-party antivirus software |
| System Security | Microsoft XP Operating System security standards, auto update Microsoft hot fixes, support installation and configuration of 3rd-party antivirus software |

---

*Only available on RICOH Pro C900.*
**RICOH Pro C900/C900s Specifications**

**Main Unit**
- **Pro C900**
- **Pro C900s**

**Optional Input and Finishing Accessories**

**Optional Input Trays**
- **LCIT RT5000 Letter Size Capacity Tray**
- **RH5000 Large Capacity Tray**
- **BF5010e Booklet Maker**
- **CF5010 Cover Feeder**
- **RB5000 Ring Bind Unit**
- **RC5000 Saddle Stitch Unit**
- **BY5000 500-Sheet Multi-Bypass Tray**
- **BY5000 500-Sheet Multi-Bypass Tray**
- **RB5000 Ring Bind Unit**
- **CS5010 2-Tray Cover Interposer**
- **SR5000 3,000-Sheet Finisher/Stacker**

**Scanner Specifications (GW Controller)**
- **Scanning Resolutions**: 100/150/200/300/400/600 dpi
- **Scan Area**: Up to 11.7" x 17"  
- **Scan Speed**: 75/5755 ppm (BW/FWC)
- **File Formats**: TFF/ADF/PSF (and single), JPEG, High Compression PDF
- **Mixed Size Mode**: Supported
- **Scan-to-Destination**: Scan-to-E-mail, Scan-to-Folder, Scan-to-URL, Scan-to-FTR, Scan-to-NCP (Novell), TWAIN Scanning
- **Scan-to-Email**: SMTP, POP before SMTP
- **Resolution**: Less than 420 seconds

**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/objects
- **Original Size**: Less than 13.5 seconds
- **First-Copy Out Time**: 5.5" x 8.5" x 11" x 17"
- **Speed (Memory)**: 90/90 ppm (BW/FWC)
- **Speed (ARDF)**: 80/600 ppm (BW/FWC)
- **Zoom**: 7 reductions and 5 enlargements

**Additional Accessories**
- **Table Sheet Unit**, **Tandem Tray Converter**, **Optional Counter Interface**, **Cooling Fan for SR5000**, **Cooling Buffer Unit for SK5000**

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

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

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