

# RICOH

## High volume full colour powerhouse



Pro<sup>™</sup> c900

# Sophisticate your document production

## Professional high volume printing

Today's printing world teems with challenges. New possibilities in digital printing have increased your clients' demands for high quality at great speed. Let us help you to meet them. Ricoh puts its solid experience as high volume market leader at the service of professional colour printing. The new Pro™C900 colour solution is the fastest powerhouse in its class. Built for heavy duty and fitted out with a wealth of finishing options, it processes the most complex printing jobs from start to finish. To give your business that extra edge, Ricoh brings you heavy production performance at an affordable price.

- Exceptional productivity at 90 pages per minute, also for heavy stock.
- High paper capacity of 11,000 pages maximum.
- Versatile paper handling.
- Real 1,200 dpi resolution for highly accurate output quality.
- Unique in-line finishing options.
- Easy operation.
- Standard built-in EFI print server controller.



# Your workflow in the fast lane

Your document processing must keep pace with a fast-moving world. For a quick turnaround, the Pro™C900 offers exceptional colour print speed. It meets your deadlines by not slowing down for heavier paper or toner replacement. A straightforward operability allows users to create highly finished documents without special training. Engineered to cope efficiently with high volume, the Pro™C900 is continually at your service.

- Unequaled productivity.
- Amazing paper capacity.
- Continuous availability.
- Optimal ease of use.

## Achieving top speeds

Professional print runs require true production power. As the heart muscle of your business, the Pro™C900 boasts:

- Highest speed in class at 90 full colour or B/W prints per minute.
- Equal print speed for heavy stock, up to 300 g/m<sup>2</sup>.
- Built-in Fiery server for swift ripping.
- Integrated workflow encompassing all steps from input to output.

## Uninterrupted productivity

To provide the quick turnarounds your customers require, the Pro™C900 manages long periods of sustained work.

Downtime is minimised through:

- Exceptional paper capacity of 11,000 sheets.
- Up to 7 trays.
- Toner replacement while running.
- SRA3 large capacity tray with Air-Assisted Paper Feed to prevent multi-feeding.



## Pro™

pro [prəʊ]: short for professional, relating to a job that requires special training. Something is qualified as professional when it displays great skill and high standards in the activity undertaken.

**Productivity. Professionalism. Progress.** Ricoh puts its extensive expertise in high-end printing at the service of the professional production market. The Pro™ line caters to the quality, speed, reliability, durability and finishing needs of printing professionals. Robust and straightforward in use, Pro™ engines are built to be the beating heart of your business.

# Easy to operate

The Pro™C900 offers Ricoh's 10.4 inch colour operation display, renowned for its ease of use. Its intuitive interface keeps the user learning curve minimal. Animated procedures appear on the display to guide you should an irregularity occur. Because the operation panel can be tilted, you have a good view of it whichever your working position. This flexibility considerably facilitates maintenance actions. If necessary, a service engineer can even extend the display's arm.

- Newly designed, intuitive interface.
- Operator Replaceable Units: our professional service program enables trained operators to perform maintenance themselves. Enjoy maximum system uptime and raise your productivity.
- Customer Replaceable Units: a few parts can be replaced or cleaned by any operator.
- Extensive, easy print management functions like Rush Printing, Print/Process Next, Advanced Job Re-Order or Suspend on Mismatch.



# Satisfying your professional wants

The Pro™C900 is a flexible colour digital solution for professionals in the commercial and graphic arts printing industry. Its uniquely integrated approach to graphic-intensive colour production synchronises all processes to work smoothly with each other.

## Print for pay

To stay on top of the game and raise your profits, you have to increase your colour production. You want to offer Variable Data Printing, but limit outsourcing. The Pro™C900 offers you:

- straightforward and accessible colour printing;
- Variable Data Printing application support;
- a low Total Cost of Ownership.

## CRD efficiency

As reprographic professional you are responsible for the documents that make your company stand out. You have to meet the most diverse requests. With the Pro™C900 you obtain:

- 1,200 x 1,200 dpi image quality;
- Variable Data Printing support;
- fast, reliable equipment to keep you up and running;
- low running costs.

## Commercial print shop power

To increase client satisfaction, you require equipment that can print colour documents at high volume. Your ability to meet deadlines depends on reliable equipment and heavy stock capability.

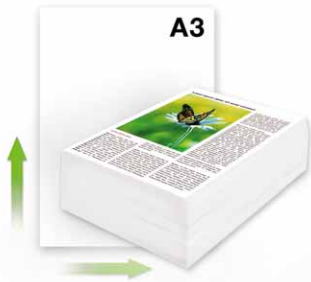
The Pro™C900's strengths are:

- non-stop operation at 90 ppm, also on heavy stock;
- minimal operator intervention with Fiery solutions;
- professional in-line finishing tools.



Power up your colour production workflow.

# Your workflow covered from start to finish



10,000 sheets



11,000 sheets

## (2) Uninterrupted production

- Huge paper capacity: 11,000 A4 sheets/10,000 A3 sheets.
- 7 different paper trays and automatic tray switching.
- Easy toner/paper refill on the fly.
- Duplex printing at full engine speed.
- Air-Assisted Paper Feed system avoids multi-feeding.



## (4) Unique in-line finishing

- Stapling, punching and double cover insertion.
- Fully automated ring binding.
- First-rate booklet making & glue binding.
- 10,000-sheet stacking capacity with tandem stackers.

## (3) Quick troubleshooting

With the new Purge Tray, paper is automatically recovered should an irregularity occur.





### (1) Easy input & processing

The Pro™C900 makes complex print jobs easy with its EFI Fiery Controller:

- Superior operability with intuitive user interface.
- LCD browser for easy reprinting.
- Standard Graphic Arts Package.
- Easy preparation of complex, customised jobs with EFI Impose & Compose.
- FACI feature: enables operation of Command Workstation on Pro™C900 by connecting a monitor, keyboard and mouse to the built-in controller. There is no need to walk over to the device to operate it, and hardware costs are minimal.



Air-Assisted Paper Feed: air is blown into the paper tray to make the sheets fan out.

# Superior colours with EFI technology

Colour printing professionals know great colour when they see it. Because quality is paramount to you, the Pro™C900 boasts state-of-the-art EFI technology. Its powerful performance and flexible workflow solutions are bound to meet your and your clients' high standards.

## All-in-one robustness

EFI server-based technology is standard built into the Pro™C900's base unit for optimal performance. The Fiery System 8.2 has an Intel Core 2 Duo 2.16 GHz CPU, 2 GB memory and 250 GB x 2 Hard Disk Drive. To ensure efficient resource management, the platform has been specifically developed alongside the Pro™C900's controller.

## Automatic colour management

Keep control over colour quality with EFI ColorWise. Calibrate the printer, or create and manage colour profiles. Advanced CMYK and RGB management functions are available.

- Optimum accuracy with ICC profiles, even from RGB applications.
- Automatic balancing of different colour management systems.
- Check output with press proofs or simulations.
- 'Print grey using black only' function for maximum cost-efficiency.

## Meeting graphic arts standards

The Pro™C900 attains the quality standard of the graphic arts market with its expert-level tools. Save time by checking output and correcting mistakes in full-screen previews.

- Halftone Simulation for perfect integration of Fiery-driven devices into blended offset/digital workflow.
- Streamlined workflow with TIFF/IT converter Hot Folder filter.
- Reliable and accurate results with 'Unlimited Separation' feature.
- Pre-flight and Image Viewer.

## Extra professional excellence

Push your image processing to the next level with the optional Fiery Graphic Arts Package Premium. Its tools for colour proofing, editing and management are tailored to graphic-intensive environments.

Graphic arts professionals will find the optional EFI Color Profiler Suite an easy to use profiling solution.



Attain professional colour quality  
with powerful Fiery tools.



# Excellence within easy reach

## Complicated jobs simplified

The Pro™C900's automated workflow solutions take much work out of your hands.

- Enhanced graphic workflow for intuitive booklet making.
- Automatic management of different paper stocks.
- Imposition feature arranges pages of print job for folding or cutting.
- Layout function for page alignment and creep adjustment.

## Ultimate efficiency

To keep tight deadlines, use the Pro™C900's management tools to your advantage:

- Drag & drop jobs into Hot Folders to automate repetitive tasks.
- Fit in a rush job while keeping up productivity.
- Combine multiple documents as a single job with Quick Doc Merge.
- Re-order jobs, schedule for overnight printing to avoid bottlenecks.

## Introducing Variable Data Printing

Because variable data solutions are on the rise, the Pro™C900 comes standard equipped with Fiery FreeForm™. This entry-level tool creates effective one-on-one marketing documents. FreeForm™ creates and stores master templates to which variables can easily be added. It supports PPML and Creo VPS.

## Flexible imposition features

Ricoh's Pro™C900 is equipped with EFI Impose, a flexible PDF tool that facilitates complex finishings. Assembling books, manuals, business cards and variable data applications has never been so easy. Operators who require even more job setup functions can opt for EFI Compose.

**Simple, fast and accurate – those are the new job programming keywords. With the Pro™C900 it does not take a skilled operator to perform complex print jobs. Via the EFI driver's compact, tabbed interface, anyone can create professional booklets in a few clicks. Advanced document management and imposition features complete this picture of user-friendliness.**



Professional colour output.

# The most versatile in-line finishing solution

Finishing used to be the most labour-intensive part of the document production process. It no longer has to be. Ricoh's Pro™C900 takes the extra work out of your hands with a unique array of finishing options. Its trendsetting solutions allow you to create completely finished sets, and impress even the most demanding client.

- A variety of finishing options unmatched at this end of the market.
- Eye-catching booklet making & cover insertion.

## First class documents

Clients expect classy presentation materials, professional colour prints and beautiful brochures. Create the application you need with the Pro™C900's robust 3,000-sheet finisher with 100-sheet stapler. The optional punch unit saves you time and makes expensive pre-punch paper redundant. The BK5000 saddle stitch unit is available for cost-effective finishing of internal documents.

## Automatic booklet creation

Impress your clients with professional booklets. The BK5010e booklet maker produces accurately folded A5 and A4 sets. This solution speeds up the production of leaflets, brochures, catalogues and other marketing and sales materials. It automatically folds and saddle-stitches booklets of up to 120 pages. The optional trimmer gives a truly professional finish.

## In-line book folding

This option on the BK5010e automatically creates square back booklets with the same look and feel as perfectly bound books at a fraction of the cost.

## Advanced Z-folding

Including A3 charts and tables in an A4 presentation is straightforward. The handy Z-folder unit automatically folds A3 sheets into A4 output, or A4 documents into A5. Larger sheets now become a natural part of smaller-sized sets. There are simple answers to complex jobs.

## Professional cover insertion

To brighten high-value documents, insert a full colour or pre-printed front and back cover using the double cover interposer. It is the perfect choice to create product catalogues, user manuals and brochures with a lasting impression.



A varied range of finishings for high-value colour documents.

# The added value of automated finishing

## Ready to bind documents

Forget manually punching documents offline and hand-loading each set into a tabletop punch. The GBC StreamPunch™ III unit produces perfectly punched and ready-to-bind documents at the touch of a button. Its operation does not compromise the Pro™C900's output speed.

## Fully automated ring binding

Ricoh's Pro™ series boasts the industry's first fully automated ring binder. Its innovative technology drastically cuts down the traditional workload of finishing documents. The Pro™C900 automatically punches and binds booklets. For that extra professional touch, rings are available in two sizes and two colours.

- Binding capacity: up to 50 or 100 pages; A4-size booklets.
- Punch/stack latitude: up to 216 g/m<sup>2</sup>.
- Productivity: 55/30 booklets per hour (50-sheet/100-sheet).

## Perfectly glued books

Perfect Binder produces professional quality books with very strong, glued backs. The GB5000 is exceptional in accepting oversized paper for body pages. Capacity is up to 200 sheets per book; the cover inserter supports paper up to 300 g/m<sup>2</sup>. It is the ideal solution to offer your customers books on demand.

- Binding capacity: up to 200 pages; A4 & A5 size books.
- Standard three/one edge automatic trimming and cover page insertion.

## Stacking output

The Pro™C900's stacker readies your high-volume output for near-line or offline finishing. One unit stacks 5,000 sheets, and two can be combined. With the 3,000-sheet finisher, the maximum paper output is 13,000 sheets.

The Pro™C900 presents the most complete array of finishing options that can be combined in one device. No need to choose between booklet making or glue binding: you can have both and offer multiple ways of finishing without any extra investments. Whether your clients require basic booklets or perfect books with glued backs, you can print them on demand and accommodate every wish.

- Industry standard wire-binding facilitated.
- In-line production of all kinds of bound books.



Three/one edge automatic trimming.



## GENERAL

<b>Technology:</b>	4-drum dry electrostatic transfer system with internal transfer belt	
<b>Continuous print speed:</b>	Black and white/full colour: 90 prints per minute (A4)	
<b>Resolution:</b>	1,200 x 1,200 dpi	
<b>Warm-up time:</b>	Less than 420 seconds	
<b>Dimensions (W x D x H):</b>	1,250 x 1,100 x 1,440 mm	
<b>Weight:</b>	Less than 700 kg	
<b>Power source:</b>	220 - 240 V, 25 Amps, 50/60 Hz	
<b>Power consumption:</b>	Maximum:	Less than 5.5 kW
	Energy saver mode:	Less than 3.2 kW
<b>Duty cycle:</b>	400,000 pages per month	

## EFI CONTROLLER (Built-in standard)

<b>CPU:</b>	Intel Core 2 Duo 2.16 GHz	
<b>Memory:</b>	Standard:	2 GB
	Hard Disk Drive:	500 GB
<b>Network:</b>	TCP/IP, IPv4, IPv6, Apple Talk, SMB	
<b>Driver:</b>	PostScript® 3™, PCL5c, PCL6	
<b>VDP format:</b>	PPML, Fiery FreeForm, Creo VPS	
<b>Font:</b>	PCL:	80 fonts
	PostScript® 3™ :	136 fonts + 2 Multiple Master (MM) fonts
<b>Interface:</b>	Ethernet 1000/100/10 base-T	
<b>FACI feature:</b>	Standard	
<b>Fiery utilities:</b>	EFI Driver EFI Command Workstation EFI Command Workstation for Mac EFI Web Tools EFI HotFolder MS Office Filter for HotFolder EFI Virtual Printers Macintosh Print Center Plug-ins Rush Printing Print/Process Next Advanced Job Re-Order Suspend on Mismatch Quick Doc Merge Schedule Print EFI Fiery ColorWise Fiery Graphic Arts Package Mixed Media Paper Catalogue Tab Shift Insert Tab Booklet Maker EFI Impose, Fiery Edition EFI Fiery Free Form Fiery VDP Resource Manager Fiery Graphic Arts Package Premium Edition (option) EFI Color Profiler Suite (option) EFI Compose Fiery Edition (option)	

## PAPER HANDLING

<b>Paper input capacity:</b>	Standard:	2 x 1,000-sheet paper trays 1 x 500-sheet paper tray
	Maximum:	11,000 sheets
<b>Paper size:</b>	Maximum:	330.2 - 487.7 mm
<b>Paper weight:</b>	Standard trays:	60 - 220 g/m <sup>2</sup>
	SRA3 LCT RT5020:	60 - 300 g/m <sup>2</sup>
	Duplex:	60 - 220 g/m <sup>2</sup>

## CONSUMABLES

<b>Toners:</b>	Black/C, M, Y:	72,000 sheets
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## OPTIONS

<b>External options:</b>	2 x 2,000-sheet SRA3 large capacity trays <sup>1</sup> 500-sheet bypass tray 4,550-sheet A4 large capacity tray Dual station cover interposer 3,000-sheet finisher with 100-sheet stapler and jogger unit Punch unit (2/4 switchable hole punch, Scandinavian 4 hole punch) Saddle stitch unit Professional booklet maker <sup>3</sup> Z-folder GBC StreamPunch™ III <sup>2</sup> Ring Binder unit <sup>2</sup> Perfect Binder unit <sup>2</sup> Stacker <sup>2</sup> Roll away cart <sup>2</sup> Tab sheet unit A3 tray kit ES-1000 for solo spectrophotometer Cooling fan unit* Fiery Compose Fiery Graphic Arts Package Premium Upgrade EFI Color Profiler Suite
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<sup>1</sup> Up to 2 units can be attached.

<sup>2</sup> Available towards the end of 2008.

<sup>3</sup> Available early 2009.

For availability of models, optional apparatus and software, please consult your local Ricoh supplier.



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Our tomorrow

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