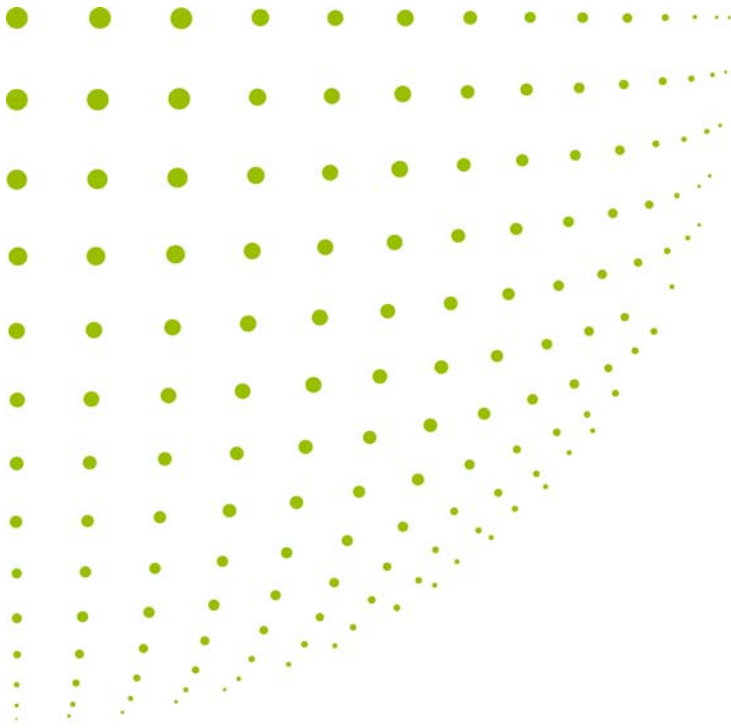


High volume full colour powerhouse



# Sophisticate your document production

New possibilities in digital printing have increased your clients' demands for high quality at great speed. Let us help you to meet the challenges of the modern printing world. The Pro™C900 colour printer is the fastest powerhouse in its class. Fitted out with a wealth of finishing options, it processes complex print jobs from start to finish. Engineered to cope efficiently with high volume, the Pro™C900 is built to be your reliable production partner.



- Exceptional productivity.
- Versatile paper handling.
- Easy operation.
- Unique finishing options.
- Built-in/external high-end EFI controller.

## Professional high volume printing



### GO PRO

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.



### ACHIEVE TOP SPEEDS

- 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 RIPing.



### AUTOMATE FINISHING

Finishing is 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.



**EASY TO MASTER**

The Pro™C900 offers Ricoh's large colour operation display, renowned for its user-friendliness. The touch screen with intuitive interface allows any user to set complex print jobs. Toner and paper are easy to replace. Even troubleshooting is simple when step-by-step animations appear on the display to guide you.

**VERSATILE MEDIA SUPPORT**

- Print full-bleed A3 documents: the systems handle SRA3 paper.
- Stack paper of up to 300 g/m<sup>2</sup> with the finisher, booklet finisher and stackers.
- Print on a variety of media including tab sheets, coated paper, transparencies and card stock.



**MINIMISE REFILLS**

- 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.



**INCREASE YOUR NET PROFITS**

Give your business that extra edge. Ricoh brings you heavy production performance at an affordable hardware price. The short learning curve for operators and extensive automation save you time and money. A wealth of finishing options allows you to offer your customers new services.



# 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. Straightforward operability allows users to create highly finished documents without special training.



## Uninterrupted productivity



### ALL-IN-ONE ROBUSTNESS

The Pro™C900 works with EFI server-based technology for optimal performance. The built-in 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. For even more production power, choose the E-80 external controller.



### CONTINUOUS PRODUCTION

- Duplex copying at full engine speed.
- Air-Assisted Paper Feed system avoids multi-feeding.
- Purge tray automatically recovers paper if an irregularity occurs.
- Integrated workflow encompassing all steps from input to output.



### 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.

# Easy to use

The Pro™C900's large colour operation display makes the device extremely user-friendly. 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 extend the display's arm.



# Making production easy

## **EASY INPUT & PROCESSING**

The Pro™C900's EFI Fiery Controller makes complex print jobs easy.

- Superior operability with intuitive user interface.
- LCD browser for easy reprinting.
- Easy preparation of complex, customised jobs with EFI Impose & Compose.

## **EASY MAINTENANCE**

Enjoy maximum system uptime and raise your productivity. Our professional service programme enables trained operators to perform maintenance themselves. Operator Replaceable Units include belt cleaner, drum cleaner, developer, charger unit, OPC drum and imaging transfer unit. The waste toner bottle can be replaced by any operator.

## **EASY REMOTE OPERATION**

Our FACL feature enables the operation of Command Workstation on the Pro™C900. Simply connect a monitor, keyboard and mouse to the built-in controller. For the E-80 external controller, a furniture kit is optionally available.

# Add value with automated finishing

The Pro™C900 presents the most complete array of finishing options that can be combined in one device. Offer multiple ways of finishing without any extra investments. Do your clients require basic booklets, or perfect books with glued backs? You can print them on demand and accommodate every wish.



## The most versatile in-line finishing solution



### 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. A saddle stitch unit is available for cost-effective finishing of internal documents.



### AUTOMATIC BOOKLET CREATION

Impress your clients with professional booklets. The Pro™C900's booklet maker produces accurately-folded A5 and A4 sets. Automatically fold and saddle-stitch booklets of up to 120 pages. The square-fold option creates booklets with the same look and feel as perfect bound books. An optional trimmer gives a truly professional finish.



### 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.



**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**

The first fully-automated ring binder drastically cuts down your traditional workload.

- Automatic punching and binding.
- Binding capacity: up to 50 or 100 sheets; A4-size booklets.



**PERFECTLY GLUED BOOKS**

Perfect Binder produces professional quality books with very strong, glued backs.

- Exceptional: accepts oversized paper for body pages.
- Binding capacity: up to 200 sheets; 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. Roll-away carts facilitate offline finishing and storage.



# 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. The built-in EFI controller offers full Fiery functionality. To bring extra power to graphics-intensive jobs, choose the external E-80 controller option. It comes with standard EFI Compose and Fiery Graphic Arts Package Premium.



## Powerful tools for professional quality



### AUTOMATIC COLOUR MANAGEMENT

- Calibrate the printer, or create and manage colour profiles.
- Optimum accuracy with ICC profiles, even from RGB applications.
- Automatic balancing of different colour management systems.
- Check output with press proofs or simulations.



### MEETING GRAPHIC ARTS STANDARDS

- Save time: check output and correct mistakes in full-screen previews.
- Halftone simulation for perfect integration into blended offset/digital workflow.
- Streamlined workflow with TIFF/IT converter Hot Folder filter.
- Pre-flight and Image Viewer (optional for built-in controller).



### EXTRA PROFESSIONAL EXCELLENCE

Push your image processing to the next level with the optional Fiery Graphic Arts Package Premium. Its colour proofing, editing and management tools are tailored to graphic-intensive environments. Graphic arts professionals will find the optional EFI Color Profiler Suite an easy-to-use profiling solution.

# Efficient workflow management

Simple, fast and accurate – those are the new job programming keywords. The built-in and external controllers both have the compact, tabbed EFI interface. It allows anyone to perform complex jobs in a few clicks. Advanced document management and imposition features complete this picture of user-friendliness. For easier print management via Command WorkStation, connect a FACI monitor to your controller.



## Excellence within easy reach

### COMPLICATED JOBS SIMPLIFIED

- 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.

### 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.

### ULTIMATE EFFICIENCY

- 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.

### 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.

# 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.



## Power up your colour production workflow

### **PRINT FOR PAY**

Stay on top of the game and raise your profits. The Pro™C900 offers you:

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

### **CRD EFFICIENCY**

Make your company stand out. With the Pro™C900 you obtain:

- Variable Data Printing support;
- Fast, reliable equipment to keep you up and running;
- Low running costs.

### **COMMERCIAL PRINT SHOP POWER**

Increase client satisfaction. 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.

# Control and secure your print workflow

Take control over your workflow. With the Pro™C900 you can monitor each print job every step of the way. You will be able to intervene quickly if needed, saving yourself time and money. Reports and logs allow you to keep track of different accounts and to bill accurately. For optimal control over your printer fleet, you can now generate status reports with our @Remote service.



## Take charge of all systems



### MANAGING & MONITORING

- Optimise your workflow for multiple operators with Command WorkStation.
- Monitor job status quickly via the Fiery WebTools browser-based interface.
- Track job status and receive alerts via EFI Job Monitor.



### @REMOTE

Ricoh's optional @Remote service improves your workflow and reduces system downtime. Meter readings, toner replenishment or service calls are automatically taken care of. Your own control over processes is increased with automatic fleet reports and analyses of system use. You can now gather information about all Ricoh machinery in your fleet.



### SECURE CONFIDENTIAL DATA

- Get high document security with Secure Job Erase.
- Limit access to your systems via user authentication.
- Filter IP addresses and block certain IP ports.
- Protect passwords and configuration information via encryption.

## GENERAL

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

## EFI CONTROLLER (BUILT-IN)

CPU:	Intel Core 2 Duo 2.16 GHz
Memory:	Standard: 2 GB, Hard Disk Drive: 500 GB
Network:	TCP/IP, IPv4, IPv6, Apple Talk, SMB
Driver:	PostScript® 3™, PCL5c, PCL6
VDP format :	PPML, Fiery FreeForm, Creo VPS
Fonts:	PCL: 80 fonts, PostScript® 3™: 136 fonts + 2 Multiple Master (MM) fonts
Interface:	Ethernet 1000/100/10 base-T
FACI feature:	Standard
Fiery utilities:	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, Mixed Media, Fiery Graphic Arts Package, Paper Catalogue, Tab Shift, Insert Tab, Booklet Maker, EFI Impose, Fiery Edition, EFI Fiery FreeForm, Fiery VDP Resource Manager, Fiery Graphic Arts Package Premium Edition (option), EFI Color Profiler Suite (option), EFI Compose Fiery Edition (option)

## E-80 EFI CONTROLLER (EXTERNAL)

CPU:	Intel Quad-Core Xeon E5450 x 3.0 GHz
Memory:	Standard: 4 x 512 GB Hard Disk Drive: 2 x 250 GB (for data), 1 x 82 GB (for OS)
Driver:	PostScript® 3™
VDP format:	PPML, Fiery FreeForm, Creo VPS (evaluated by EFI only)
Font:	PostScript® 3™: 136 fonts + 2 Multiple Master (MM) fonts
Interface:	Ethernet 1000/100/10 base-T x 2
Fiery utilities:	Same as built-in controller; standard Fiery Graphic Arts Package Premium, EFI Compose Fiery Edition; EFI Color Profiler Suite (option)

## PAPER HANDLING

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

## CONSUMABLES

Toner:	Black/C, M, Y: 72,000 sheets
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## OPTIONS

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, Z-folder, GBC StreamPunch™ III, Ring binder unit, Perfect binder unit, Stacker, Roll away cart, Tab sheet unit, A3 tray kit, ES-1000 for solo spectrophotometer, Cooling fan unit, Cooling buffer pass, EFI Server HDD Security (for E-80), EFI Server FACI furniture bundle (for E-80)

<sup>1</sup> Up to 2 units can be attached.

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



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