

Powerhouse for professional colour production



Sophisticate your document production

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. The new Pro™C900S colour solution is the fastest powerhouse in its class. Built for heavy duty, it processes the most complex print jobs from start to finish.

- Maximise your productivity.
- Automate your workflow.
- Enjoy easy operation.
- Shorten turnaround times.
- Increase your net profit.



Professional high volume printing



GO PRO

Productivity. Professionalism. Progress. Nashuatec 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/m².
- Built-in Fiery server for swift RIPping.



AUTOMATE FINISHING

Finishing used to be the most labour-intensive part of the document production process. It no longer has to be. Nashuatec's Pro™C900S 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™C900S offers Nashuatec's large colour operation display, renowned for its user-friendliness. It has a regular screen for versatile printing functions and a simplified screen for less demanding jobs. The user learning curve is kept minimal. Animated procedures appear on the display to guide you should an irregularity occur.

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. Nashuatec 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™C900S 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.



Uninterrupted productivity



ALL-IN-ONE ROBUSTNESS

EFI server-based technology is standard built into the Pro™C900S'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™C900S's 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™C900S's large colour operation display makes the device extremely user-friendly. It offers quick access to the machine's functions. Inexperienced users can switch to a simplified screen. The display also allows you to check document thumbnails and previews onscreen before sending or storing them. Eliminate mistakes and save time.



Making production easy

EASY INPUT & PROCESSING

The Pro™C900S'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™C900S. Simply connect 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.

The added value of automated finishing

The Pro™C900S 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™C900S'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™C900S'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 perfectly 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™C900S'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™C900S'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™C900S boasts state-of-the-art EFI technology. Its powerful performance and flexible workflow solutions are bound to meet your and your clients' high standards.



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).



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. With the Pro™C900S 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.



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™C900S 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

Nashuatec's Pro™C900S 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™C900S 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™C900S 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™C900S 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™C900S'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 all processes

Achieve all-round efficiency. Nashuatec's software solutions help you to manage your workflow at every stage. Editing individual documents or controlling the print queue becomes easy. Boost your profits through streamlined print processes and sophisticated cost allocation.



Professional software solutions



PROFESSIONAL MAKE-READY AND LOAD-BALANCING SOLUTION

Speed up raster-based digital document production with the sophisticated MicroPress® solution:

- Advanced print job and colour management.
- Cutting-edge productivity and reliability.
- Robust make-ready capabilities.



ADVANCED WEB2PRINT SOLUTION

Digital StoreFront® offers your customers a unique print-centric shopping experience. They navigate easily through your full suite of print products and services via a single, centralised platform. Digital StoreFront® communicates perfectly with the Pro™C900 series, delivering a reliable Web2Print system for customers.



IMAGE PERSONALISATION

Add the emotional power of personalisation to all your designs. DirectSmile®, the world's leading software for image personalisation, opens up a truly new communication universe. With natural integration of variable text in high-quality photo designs, you add value to the Pro™C900S's output. Amaze customers and boost response rates.



CUSTOMER-SPECIFIC APPLICATIONS

Featuring the Java™ (J2ME™) compatible Embedded Software Architecture™, Pro™ devices boast unique customisation options. By running key applications, you obtain total integration in your business infrastructure. For more information, visit www.ricoh-developer.com.

COPIER

Copying process:	4-drum dry electrostatic transfer system with internal transfer belt
Copy speed:	Full colour: 90 copies per minute B/W: 90 copies per minute
Resolution:	1,200 dpi
Multiple copy:	Up to 9,999
Warm-up time:	Less than 420 seconds
First output speed:	Less than 13.5 seconds
Zoom:	25 - 400% (in 1% steps)
Memory:	Standard: 2 GB Hard Disk Drive: 640 GB
Paper input capacity:	Standard: 2 x 1,000-sheet paper trays ¹ 1 x 500-sheet paper tray 2 x 2,000-sheet paper trays Maximum: 11,000 sheets
Paper size:	Maximum: 330.2 - 487.7 mm
Paper weight:	Standard trays: 60 - 220 g/m ² SRA3 LCT 3rd/4th tray: 60 - 300 g/m ² Duplex: 60 - 220 g/m ²
Dimensions (W x D x H):	2,605 x 1,100 x 1,440 mm
Power source:	220 - 240 V, 50 - 60 Hz
Power consumption:	Maximum: Less than 5.5 kW Energy saver mode: Less than 3.2 kW

PRINTER/SCANNER

PRINTER (EFI CONTROLLER – STANDARD)

CPU:	Intel Core 2 Duo 2.16 GHz
Print speed:	Full colour: 90 prints per minute B/W: 90 prints per minute
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 Free Form, Creo VPS
Font:	PCL: 80 fonts PostScript® 3™: 136 + 2 MM fonts
Interface:	Ethernet 1000/100/10 base-T
FACI feature:	Standard
Fiery utilities:	Fiery Scan EFI Command Workstation, 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)

SCANNER

Scan speed:	Black and white, full colour: Maximum 75 images per minute (at 200 dpi)
Resolution:	Up to 1,200 dpi (Network TWAIN mode)
Original size:	A5 - A3
Output formats:	TIFF (single, multi-page), PDF (single, multi-page), JPEG, High compression PDF
Bundled drivers:	Network TWAIN
Scan to e-mail:	SMTP
Destination addresses:	Maximum 500 per job
Stored destination addresses:	Maximum 2,000
Address book:	Via LDAP, locally on Hard Disk Drive or through Web Image Monitor
Scan to folder:	SMB, FTP or NCP protocol (with login security)
Destination:	Maximum 50 folders per job

SOFTWARE

Standard:	Web Image Monitor, TWAIN driver
Option:	DirectSmile®, Digital Storefront®, MicroPress®

OTHER OPTIONS

2 x 2,000-sheet SRA3 large capacity tray, 500-sheet multi bypass tray, Bridge unit, Cooling fan unit, 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, DLT/A3 tray, Tab sheet unit, Ring Binder unit, Perfect Binder unit, Stacker unit, Roll-away cart for stacker, Data Overwrite Security Unit, VM card, Counter interface unit type A.

The Pro™C900S copier attains a copy speed of 90 cpm with memory retention (with ADF: 60 cpm full colour, 80 cpm B/W).

¹ With required setting.

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

