Pro™ C651EX / C751EX / C751

The next generation in digital printing

Enhanced technology for increased productivity

The new Ricoh Pro™ C751 series

takes digital light production printing

to another level.

It harnesses our rich heritage

in research and development.

It builds on our established

standards of quality, reliability,

efficiency and durability.

And with an array of innovative

technologies, it leads the way

from start to finish.

Digital printing redefined

As the on-demand colour printing market grows, so does its needs. Innovative, cost competitive solutions are key.

With superior image quality and exceptional functionality, the new Ricoh Pro™ C751 series offers the highest specification and reliability in its class. From start to finish, the Pro™ C751 raises the standard for productivity, efficiency, quality and profitability. Features include:

- **EXTREMELY HIGH IMAGE QUALITY** - VCSEL (Vertical Cavity Surface-Emitting Laser) technology for razor sharp 4800dpi. PxP™ Polymerised toner and oil less fusing technology for accurate, smooth offset-like image quality
- **OUTSTANDING MEDIA VERSATILITY** - broad media support, improved fusing unit and high productivity regardless of paper thickness up to 300gsm
- **EXCEPTIONAL DURABILITY** - 180k maximum monthly volume, 65 or 75ppm colour/mono (A4).
- **MAXIMUM UPTIME** - new liquid cooling system enabling extended and continuous printing, enhanced ORUs (Operator Replaceable Units) and toner bottles, waste toner and media changes on the fly

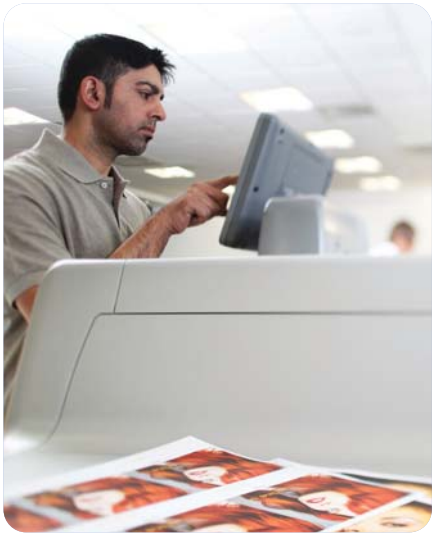
Features designed for your success

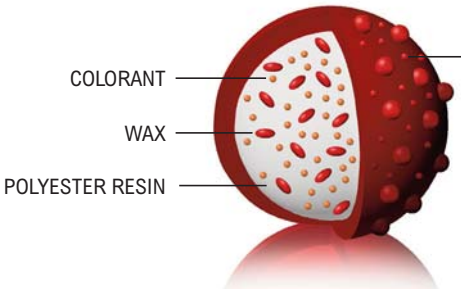
THE LATEST LASER TECHNOLOGY - VCSEL (VERTICAL CAVITY SURFACE EMITTING LASER) gives best in class resolution of up to 4800 dpi creating outstanding image quality. Compared with eight beam 1200dpi, VCSEL has as many as 40 laser beams emitting simultaneously to give exceptionally accurate and smooth image quality.

HIGH PRECISION DUPLEX REGISTRATION is required for the printing of items such as business cards, postcards and publications. This is made possible by the combination of Mechanical Registration and VCSEL technology which corrects paper skews and compensates for media distortion to ensure precise image positioning and accurate registration on both sides.

PXP™ POLYMERISED TONER sets a new standard for image quality of on-demand printing that rivals offset and expands the scope of printed materials. It features ultra-fine particles with a low melting point to achieve a smoother, more even finish.

NEW ACTIVE TONER DENSITY CONTROL TECHNOLOGY monitors the amount of toner being used and provides the developer unit with just the right amount at precisely the right time for consistent colour uniformity across the sheet, from the first print to the last.





NEW ADVANCED STABILISATION OPC AND INTELLIGENT OPC DRIVE CONTROL. Ricoh have pioneered organic photoconductors (OPCs) which lead the print industry in high sensitivity and durability. The enhanced overcoat layer of the Advanced Stabilisation OPC drum increases both durability and ability to produce stable colour during continuous print runs. While the new Intelligent OPC Drive Control provides continuous feedback adjustment for drum rotation speed to minimise colour shift.

ENHANCED OPERATOR REPLACEABLE UNITS (ORUs) maximise productivity and reduce cost. They enable users to replace key components rather than waiting for a service engineer, minimising downtime. Also adding new media, toner bottles or replacing waste bottles doesn't require the suspension of the printing process – a valuable asset especially for time-critical runs.

THE FIRST CUT-SHEET DIGITAL PRINTER to utilise a liquid cooling system.
By maintaining the developer temperature at the appropriate level, it enables extended and uninterrupted printing for truly efficient productivity.

BROAD PAPER SUPPORT is achieved using a new improved fusing unit and paper path designed to support up to 300gsm.
It significantly enhances production of thick media such as direct mail, postcards and business cards with productivity up to 150% higher than competitors when printing 300gsm.

Textured paper, envelopes, synthetic material, labels, cards and more can be accommodated. The outstanding production quality of high value-added printed materials can be showcased to enable you to offer a wealth of new ideas and innovative offerings to your clients.

MEDIA LIBRARY offers a simple pre-set press and media catalogue. It means that anyone can set print jobs with the easy-to-master intuitive interface of the colour touch screen. The extensive library holds over 100 profiles tested and proven by Ricoh. Plus there's a custom library for personalised media profiles along with a back-up capacity for an additional 1,000 profiles. It gives real scope to take full advantage of a diverse range of different print opportunities.

Users can easily set up complex printing jobs, applying settings by selecting preset or custom media type which synchronises after each update with the printer server media library on an EFI Fiery™ E-41A. Together with the Media Library's exceptional features, it delivers unsurpassed colour reproduction, job after job after job.

With its SRA3/DLT Large Capacity Tray, the Pro™ C751 series has a total capacity of up to 7,000 sheets and the Bypass Tray Unit can handle the largest paper size in its class of 330.2 x 630mm. An exceptionally useful feature when producing comprehensive documents for sales brochures or creating POS, with the ability to reproduce full bleed A3 with crop marks and borders.

EASE OF USE
To ensure smooth, uninterrupted transitions an LED light indicates which tray is in use so progress can be checked and another tray refilled ready for the next print job.
And even from a distance, users can check printing status in real time with the Status Pole Indicator.

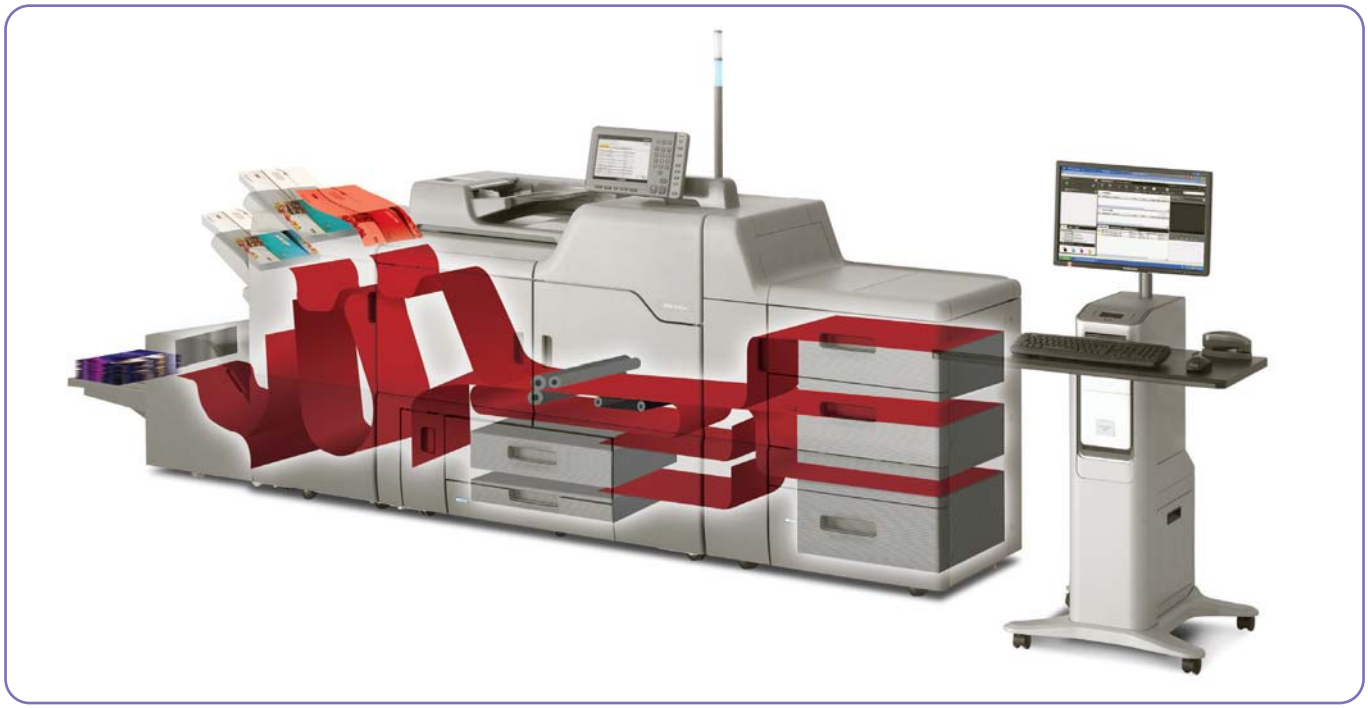
Cutting edge workflow management

Using the latest Adobe® PDF Print Engine (APPE) technology, the new Ricoh Pro™ C751 series also features an external print server. Designed to suit your workflow and print application requirements, it delivers superior throughput and supports finishing options to raise the value of every print job.

The EFI E-41A Fiery Server is connected as standard. Adobe APPE technology and the latest Fiery System 9 forms the basis for the configuration of the Pro™ C751 series. The E-41A features the definitive Command Workstation technology for enhancing efficiencies in digital document workflows at all levels of the production process.

Intuitive operation gives users the means to easily manage jobs and administrators the means to configure for printing more effectively. All of which makes it the ideal print server where multiple jobs in quick succession are the norm.

With solutions that expand your capabilities and improve the consistency of your printed output, Ricoh can help you move work through your system faster and more efficiently.



Powerful solutions for workflow

Ricoh's TotalFlow is where our software, services and skills come together in a portfolio of flexible and powerful one-stop print management solutions that will save you time and reduce costs, whatever your print environment.

Covering print production work from submission to output, TotalFlow offers solutions that help manage entire workflows, simplify workflow processes and expand marketing capabilities, expertly and profitably.

CAPTURE regular and new print opportunities using web-to-print and job submission tools that help move you towards a fully automated production process. This will enable you to interact more efficiently with your clients, saving time for you both.

PREPARE to drive print efficiency with variable data and print data stream transformation solutions. Prepare files for production with document imposition and composition tools, all the while boosting efficiency, reducing production time and driving profitability.

MANAGE jobs across multiple printing systems, automating workflow with a suite of streamlining solutions to optimise productivity and meet tight deadlines. Make last-minute document changes and automatically prepare for split colour and B&W production and produce complex document production faster and more efficiently.

OUTPUT from the new Ricoh Pro™ C751 series boosts your value added services with versatile, scalable solutions that embrace digital colour and B&W production systems. It improves output capabilities with high quality cost-effective print solutions to gain new business.

Labour saving solutions for enhanced productivity

To support the creation of hi-value printing output, a wide range of innovative, optional finishing accessories are available with the Pro™ C751 series.

The new Multi Folding unit offers indispensible functionality for the fast production of direct mail and inserts. It can fold up to three sheets of coated paper. Combined with full colour envelope printing, the entire process is automated to be not just highly work-efficient but cost-efficient.

Our range of inline finishing options also includes an all-in-one saddle stitch finisher that can support 20 sheets of 80gsm, along with a 100 page staple finisher. The Ring Binder Unit is widely used for hands-free production of finished lay-flat manuals and other publications, saving both time and labour costs. And a 2-Tray Cover interposer is available to feed media up to SRA3 size with up to 200 sheet capacity per tray to optimise production output.

The inclusion of a High-Capacity stacker provides a total output capacity of 8,250 sheets for long and uninterrupted runs. A further option is the eight-fan Buffer Pass Unit which allows the paper to cool down preventing toner adhesion or sticking to minimise wastage, delays and loss of productivity.

With the fully automatic Plockmatic Booklet Maker in-line system you can create output with the look and feel of a perfectly bound book at a fraction of the cost. The GBC StreamPunch ProEX further streamlines the process. All your output can be automatically punched to create spiral bound output in a wide variety of media, saving up to 90% of labour time.

This extensive choice of versatile and cost-effective automated finishing options ensures true productivity for production printing and makes the most of your company's growth potential.

The options you need to succeed

With offset-like print quality, the Pro™ C751 series delivers new standards in productivity, quality and reliability. With a wide range of easy to use, configured options, it offers true versatility along with best-in-class performance.

Pro™C651EX / C751EX / C751

Copier & Printer versions: Colour production printers with two standard input trays of 1,000 sheets. SRA3 Large Capacity tray available. (Copier version includes scanner function).

PRINT SERVER

The EF1 Fiery™ E-41A print server is a mandatory requirement and must be ordered with the print engine.

Server stands are optional.

LARGE CAPACITY INPUT OPTIONS

The SRA3 Large Capacity tray (LCT) is available offering:
Tray 1 - 1,000 sheets x 2
Tray 2 - 2,000 sheets
Adding 4,000 sheets to your input capacity.

BUFFER PASS UNIT

8-fan unit installed next to main unit cools paper to prevent toner adhesion.

FOLDING UNIT

Can accommodate media (including coated) between 63-105gsm. Provides a range of six folding options including 2-Fold, 3-Fold In and 3-Fold Out.

COVER INTERPOSER

2-Tray Cover Interposer unit can be attached. It can feed media up to SRA3 size from two inserting trays with capacity of up to 200 sheets per tray.

RING BINDING UNIT

Can produce 23-hole punched ring bounded booklets inline up to 200 pages and applies rings in either black or white. Two ring sizes for 50 or 100 sheets are available.

STACKER UNIT

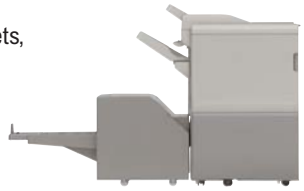
Provides an additional 5,000 sheet output capacity (Total 8,250 sheets).
It is supplied with one roll-away cart; additional carts are available as an option.

STAPLE FINISHER

Standard staple finisher with output stack capacity of 3,000 sheets. 2/4 switchable hole punch, or Scandinavian 4-hole punch can be integrated.

BOOKLET MAKER

Output stack capacity of 2,500 sheets, 2/4 switchable hole punch, or Scandinavian 4-hole punch can be integrated. Fore-edge trimmer is available as an option.



STREAMPUNCH ProEX

Can punch a full range of media types with up to 4,000,000 punched pages using heavy duty die sets.

PLOCKMATIC

The booklet maker includes optional square folding unit, cover inserter, fore-edge trimming able to trim up to 25 sheets of 80gsm in an inline operation.

Meeting the demanding needs of light production printing

From start to finish, the innovative technologies of the new Pro™ C751 series raises the standard for productivity, efficiency, quality and profitability.

Outstanding image quality is delivered at speed. It has a higher reliability and specification than any other printer in its class. It offers non stop performance and media paper support for enhanced productivity. In every way it gives you the versatility to meet every demand and to grow your business.

MARKET SEGMENT	BENEFITS
Print for Pay or Digital Printer	For fast turnaround printing, the Pro™ C751 series offers great speed, versatility and durability and provides easy operation and superb quality of output for print on demand.
Print Room	With maximum monthly volume of 180K, the Pro™ C751 series packs productivity along with image quality that pushes profitability. In addition, the variety of finishing options help print room environments automate print processes and reduce labour costs.
Commercial Printer	The Pro™ C751 series offers outstanding functionality and print quality provided by a combination of VCSEL 4800dpi imaging and PxP™ Polymerised toner. It enables commercial printers to meet client demands for short run, fast turnaround collateral. The wide variety of finishing options also supports hi-value added production printing. In addition, the ability to print directly onto a wide range of coated, uncoated and special media stocks means an easier switch of production processes between traditional and digital.

LOWERING YOUR COSTS AND ENVIRONMENTAL IMPACT

Since our launch over 50 years ago, we've placed great importance on lowering the environmental impact we have on our surroundings.

It has led to us being recognised worldwide as an established environmental leader and being awarded many accolades such as one of the "Global 100 Most Sustainable Corporations in the World" for the last 7 years.

Soaring energy and paper costs along with growing environmental concern and legislation has focussed businesses, both large and small, on green solutions.

That's why our Sustainability Optimisation Programme is of such value. It helps companies grow by using less. It offers immediate and measurable results that not only reduces costs, CO_2 emissions and improves the bottom line but also enhances customer and supplier perception.

And our innovative Energy Star 1.1 compliant Pro™ C751 series, with PxP™ Polymerised toner and oil less fusing technology, clearly demonstrates our long-term commitment to developing environmentally friendly and superior energy and consumables saving features that also boost productivity.

THE RICOH STORY

Founded in 1936 with headquarters in Tokyo, Japan, Ricoh today features in the prestigious Fortune Global 500 largest corporations. Our business spans 150 countries with 108,500 employees including 18,000 highly qualified service engineers worldwide.

Extensive European presence, an impressive portfolio of recent acquisitions and a well-funded R&D programme; all this plus the strength of our global expertise, people and service, combine to make your print production not only more time and cost-efficient but also more profitable.

Because business relationships aren't limited to financial concerns but include environmental responsibilities as well, you'll find Ricoh's full understanding and sense of shared responsibility for meeting all current and future challenges is both welcoming and refreshing.

Ricoh engages with you to become a trusted resource and partner, helping you benefit from a steady flow of new products, solutions and innovative thinking to keep your business ahead of the game. Our flexibility and commitment to excellence can give you that all-important competitive edge in a constantly evolving production print industry.

Pro™ C651EX/C751EX/C751

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Technology:	4-drum electrostatic transfer system with internal transfer belt
Fusing:	Oil less belt-fusing method
Toner Type:	PxP Polymerised chemical toner
Print Speed:	Pro™C651EX: Full Colour/Mono: 65ppm Pro™C751EX/C751: Full Colour/Mono: 75ppm
Resolution:	1,200 x 4,800 dpi
Warm-up time:	Less than 300 sec.
Dimensions (WxDxH)	Pro™C651EX/C751EX/C751: 1,320 x 910 x 1,230mm
Weight:	Pro™C751: Less than 550kg Pro™C651EX/C751EX: Less than 580kg
Power Source:	220-240V, 16A, 50/60Hz
Power Consumption:	Printing: less than 4000W
Duty Cycle:	350,000 pages per month

SCANNER FEATURE*

Resolution:	100/150/(200)/300/400/600 (Default) dpi 100-1,200 dpi (Twain: BW) 100-1,200 dpi (Twain: Colour)
Scan Speed:	BW: 75 ppm, FC 75 ppm, Scan Speed (A4 LEF, 200 dpi)
Max Scan Area:	297 x 432mm

* Pro™C651EX/C751EX only

MEDIA HANDLING

Paper Input Capacity:	Standard: 2 x 1,000 sheets, 1 x 500 sheets SRA3 Large Capacity tray (LCT): 2 x 1,000 sheets & 1 x 2,000 sheets Multi Bypass Tray option: 500 sheets
Max. Input Capacity:	7,000 sheets (including Multi Bypass Tray)
Max. Output Capacity:	8,250 sheets (when stacker and standard finisher connected)
Paper size:	Maximum: 330.2 x 487.7mm
Printable Area:	Maximum: 323 x 480mm
Paper Weight:	Tray 1/4: 52.3-300gsm Tray 2,3,5: 52.3-256gsm

PRINT SERVER

	E-41A
Technology:	Fiery System 9 Release 2
Configuration:	External
CPU:	Intel Core 2 Duo E8400 3.0GHz
Memory:	2GB
HDD:	160GB
DVD-ROM Drive:	Supported
Operating System	Windows XP Professional x64 Edition
Network Protocol:	TCP/IP, (IPv4, Ipv6) Apple Talk, SMB
PDL:	Postscript 3, PCL 5c, PCL 6
Supported Data Format:	PDF, TIFF, JPEG
VDP:	PPML, Fiery Free Form v.1 & 2.1
Font:	136 + 2MM
Network Interface:	Ethernet 1000/100/10base-Tx2
Service Interface:	USB x 8 (Front 2, Back 6) PS2 with USB, USB Mouse, USB Keyboard

OTHER OPTIONS

Ricoh Professional Booklet maker with optional fore-edge trimmer, Plockmatic Booklet maker with square fold option, cover inserter and fore-edge trimmer, GBC StreamPunch™ PRO EX, VM card, 500-sheet Multi Bypass tray, Punch unit (2/4 switchable hole punch, Scandinavian 4 hole punch), DLT/A3 tray, Tab sheet unit, Two Tray Cover Interposer, 3,000-sheet Standard Finisher, Saddle stitch unit, Ring Binder unit, 2 x 1,000-sheet & 1 x 2,000-sheet SRA3 Large Capacity trays, Counter Interface unit Type A, Buffer Pass unit, EFI Server FACI Furniture Bundle (for E-41A), EFI Server HDD Security (for E-41A), Spectrophotometer ES-1000 UV Filter, Spectrophotometer ES-1000 Non-UV Filter, Stacker with single connection, Roll away cart for stacker, De-curler unit, Multi Folding unit, Operator Replaceable units.

WORKFLOW SOLUTIONS

EFI™ Digital StoreFront®, EFI™ Color Profiler Suite, EFI™ Fiery® Graphic Arts Package Premium Edition, EFI™ SeeQuence Compose, SeeQuence Impose, SeeQuence Suite, DirectSmile®, EFI™ Fiery® Central, Ready4Print, ATI doc-Q-manager, Objectif Lune PlanetPress, Objectif Lune PrintShop Mail, NowPrint

ENVIRONMENTAL INFORMATION

Pro™ C651EX/C751EX/C751 comply with Energy Star 1.1 standards.

Embedded Software Architecture *

Java POWERED *

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