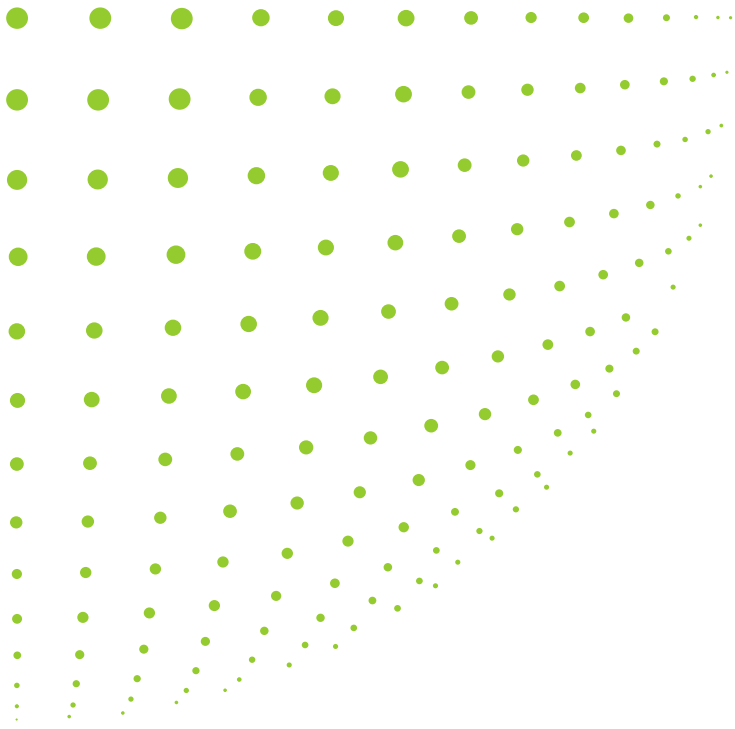# RICOH

Outstanding production power

Versatile in document finishing

Today's production printing market is increasingly competitive. Speed up your production while meeting and exceeding your customers' varied demands. Ricoh, leading manufacturer of high volume solutions, hands you the means with its Pro™ series. The Pro™907EX/1107EX/1357EX are complete, modular powerhouses designed to handle your high-volume print orders efficiently. Highly reliable and customisable with a unique range of finishing functions, these systems are guaranteed to make a difference.

- Outstanding productivity.
- Optimum reliability and durability.
- Full colour scanning.
- Variety of print controllers.
- Widest choice of in-line finishing options.

Automate your production workflow

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.

OUTSTANDING PRODUCTIVITY
- Up to 90/110/135 sheets per minute simplex & duplex productivity (A4).
- Finishing keeps up with print speed: 90/110/135 ppm punching with Booklet Finisher.
- Possibility to connect two systems and double the output speed.
- Automatic tray switching for an uninterrupted workflow.

OPTIMUM RELIABILITY AND DURABILITY
To become the hub of your business, Ricoh's Pro™907EX/1107EX/1357EX boast the most durable engines in their class. For maximum reliability, maintenance has been reduced by the development of Operator Replaceable Units. With operator training provided by your supplier, you can replace machine parts yourself. The results are longer service runs and continuous peak productivity.

Pro™ 907EX/1107EX/1357EX

FULL COLOUR SCANNING

A colour scanner is standard on the Pro™907EX/1107EX/1357EX.

- Full colour and monochrome scanning at 80 pages per minute (200 dpi, A4).
- Razor-sharp images with up to 1,200 dpi resolution.
- Swift, paperless distribution to e-mail or folder.

USER-FRIENDLY OPERATION

- Large and flexible colour operation display.
- Easy job programming with intuitive user interface.
- Thumbnail view and preview on document server.
- Versatile editing functions.

WIDEST CHOICE OF IN-LINE FINISHING OPTIONS

- Multi-folding.
- Stapling, punching and cover insertion.
- Fully automated ring binding.
- Professional booklet making with optional front-side trimming.
- Top-quality perfect binding with 3-side trimming.

Easy operation

The Pro™907EX/1107EX/1357EX are designed to make difficult tasks easy. Ricoh's unique icon-based RPCS™ driver keeps the learning curve for working with the applications short. It also allows you to standardise frequently-used complicated settings under an individual icon. Inexperienced users will appreciate the simplified screen function that gives direct access to the machine's basic features.

Essentially user-friendly

EASY JOB INPUT
- Easy job programming via colour LCD panel.
- Any print job is only one click away.
- Limited number of steps to set or edit print jobs.
- Thumbnail view and preview on document server.

EASY TROUBLESHOOTING
Troubleshooting is simple when animations guide you all the way. 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.
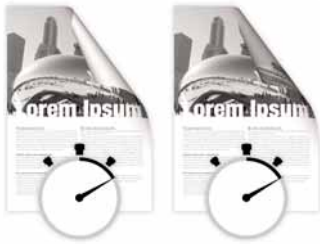
EASY MAINTENANCE
Minimise the visits of a service technician and enjoy maximum uptime. Our professional service programme trains your operators to perform maintenance themselves. Operator Replaceable Units include drum, developer unit, cleaning unit, pre-charge and charge units, cleaning web and paper feed roller. The waste toner bottle can be replaced by any operator.

Maximise your output

Designed to cope with the toughest schedules, the Pro™907EX/1107EX/1357EX efficiently take care of your entire production process. From preparing jobs to finishing them professionally, these power devices encompass your entire document workflow. Ricoh's user-friendly systems can be maintained by trained operators, increasing your uptime and flexibility.

Built for peak performance

TRUE PRODUCTION POWER

As operator-based document centres, the Pro™907EX/1107EX/1357EX boast:
- Non-stop operation at 90/110/135 ppm, ideal for peak periods.
- An integrated production workflow encompassing all the steps from input to output.
- Duplex output produced at simplex speeds.

HEAVY-DUTY DESIGN
- A maximum paper capacity of 8,050 sheets.
- Pro™1357EX handles peaks of almost 2 million pages per month (Pro™1107EX: 1.5 million/907EX: 1 million).
- Rugged design: smooth running, even when pushed to the limit during peaks.
- Duplex printing at full engine speed.

CONTINUOUS PERFORMANCE
- 9 different paper sources and automatic tray switching.
- Load-while-run convenience for paper, new jobs and toner.
- 2 toner bottles yield a total of 120,000 A4 pages.
- Tandem copying: non-stop performance.

INCREASE YOUR UPTIME

Keep downtime to an absolute minimum. Our systems are standard equipped with a sophisticated multi-feed detector. To avoid jams caused by paper curl in large paper stacks, install an optional decurling/purge unit. If a jam occurs in a finisher, any paper still located in the mainframe is collected in the purge tray. It can easily be removed from there.

The most versatile in-line finishing gamut

Finishing does not have to be labour-intensive. Ricoh's Pro™907EX/1107EX/1357EX possess a unique array of finishing options that take the extra work out of your hands. Offer your clients a wealth of new value-added print products. Meet and exceed their highest demands with a minimum of effort and enhance your business growth opportunities.

- A variety of finishing options unmatched at this end of the market.
- Eye-catching booklet and book making & advanced cover insertion.
- Possibility to combine almost all types of finishing in one machine.

Providing unique added value

A WEALTH OF FINISHING OPTIONS
Clients expect first-class presentation materials, professional reports and great-looking brochures. Create the application you need with the Pro™907EX/1107EX/1357EX's robust 3,000-sheet finisher with 100-sheet stapler. With the optional punch unit you save time and avoid expensive pre-punch paper. The saddle stitch unit delivers cost-effective finishing of internal documents.

AUTOMATIC BOOKLET CREATION
Impress your clients with professional-looking booklets. The booklet maker produces accurate and sharply-folded A5 and A4 sets. It automatically folds and saddle-stitches booklets of up to 20 sheets and is capable of stapling 100 sheets. The optional trimmer makes for a truly professional finish. Due to its registration mechanism, the booklet maker punches accurately at full engine speed.

ADVANCED MULTI-FOLDING
Create 2 to 4-fold leaflets in-line and include A3 charts and tables in an A4 presentation. The Pro™907EX/1107EX/1357EX's multi-folding unit handles six folding patterns. 2-folding, Z-folding, 3-folding (in and out) and 4-folding (gate and double parallel) happen at truly high speed. There are creative answers to challenging jobs.

PROFESSIONAL COVER/COLOUR PAGE INSERTION
To brighten high-value documents, insert a full colour or pre-printed front and back cover using the double-tray cover interposer. It is the perfect choice to create product catalogues, user manuals and brochures with a lasting impression. If required, the interposer can also be used to insert pages anywhere else in your documents.

Pro™ 907EX/1107EX/1357EX

PUNCH AND FOLD

Forget manually punching documents offline and loading each set into a tabletop punch. Forget the hassle that used to come with making booklets. Choose options that do it all for you. They can even be combined.

- GBC StreamPunch™ III: wide variety of punched documents.
- Plockmatic booklet maker: in-line stapling of high-quality booklets.

FULLY AUTOMATED RING BINDING

The industry's first fully automated ring binder cuts down your traditional workload.

- Automatic punching and binding.
- Colour front and back cover insertion.
- Binding capacity: up to 50 or 100 sheets; A4 size booklets.
- Punch/stack latitude: up to 216 g/m².

IN-LINE PERFECT BINDING

Our glue binder for perfect binding produces professional-quality books with strong, glued backs.

- Exceptional: accepts oversized paper for body pages.
- Binding capacity: up to 200 sheets per book; sizes from A5 to A4.
- Standard three/one-edge trimming and colour cover insertion from two different trays (up to 300 g/m²).

STACKING OUTPUT

The Pro™907EX/1107EX/1357EX's stacker readies your output for near-line or offline finishing. One unit stacks 5,000 sheets, and two can be combined by a tandem connection. The systems switch automatically when one stacker is full. With the booklet finisher, the maximum paper output is 12,750 sheets. Roll-away carts facilitate offline finishing, packaging and distribution.

Extend your print performance

As a professional, you know that your clients expect more in less time. Ricoh's Pro™907EX/1107EX/1357EX are true workhorses that process at high speed and handle peak loads. Depending on your specific workflow, Ricoh offers a variety of controllers to meet your requirements. Simply pick the controller of your choice to achieve made-to-measure performance.

Customised solutions

EMBEDDED CONTROLLER

With the entry-level embedded controller, you have full access to all the Pro™907EX/1107EX/1357EX's capabilities without extensive training. The controller is tailored to the needs of your high-volume work environment. It enables the creation of print jobs in a few quick steps. The Adobe® PostScript® 3™ option ensures fast and reliable output.

IPDS PRINTING

Ricoh's IPDS Unit Type 1357EX makes a separate IPDS print box or server superfluous. This cost-effective option enables your Pro™907EX/1107EX/1357EX to print IBM® host documents containing text, images, graphics and/or barcodes. It supports finishing functions such as stapling. Enjoy page by page control and error recovery. Benefit from your Pro™ powerhouse's functionalities in combination with IPDS, PS, PCL and PDF formats.

FIERY PRINT PERFORMANCE

Complex print jobs are dealt with in record time. The external Fiery® controller EB-1357 rips heavy (PDF) files at great speed.
• Straightforward printing of genuine Adobe® Postscript® files and complex graphics.
• Easy integration in the Pro™907EX/1107EX/1357EX's Fiery® workflow.

MICROPRESS®

For maximum productivity, opt for MicroPress®. A very powerful controller and complete workflow solution come in one package. Incorporating advanced scanning, job composition and production printing capabilities like job queuing, MicroPress® is ideal for on-demand printing.

Digital quality redefined

Your customers expect crisp, sharp text and high-quality graphics in their next generation documents. The Pro™907EX/1107EX/1357EX deliver down to the last dot and line with high-quality on-demand efficiency. You can now achieve a new level of service with every monochrome document you produce.

Our definition of quality is yours

EXCELLENT 1,200 X 1,200 DPI QUALITY

Designed with Ricoh's 2 x 4-beam laser technology, the Pro™907EX/1107EX/1357EX produce high-quality output with a real 1,200 x 1,200 dpi resolution. Originals are scanned once, stored into memory and reproduced from there, as often as you want. Your output always lives up to the highest standards, no matter how many sets you make.

ACCURATE SIMPLEX & DUPLEX REGISTRATION

- Consistently accurate images and unsurpassed registration at 0.5 mm.
- Adjust the registration in 0.1 mm steps for printing on non-DIN compliant formats.

FULL-COLOUR SCANNING AT 80 IPM

- Colour scanning at the same speed as black and white scanning.
- Scan colour (one-sided or double-sided) originals to any desired e-mail address in the world.
- Batch mode: documents of 2,000 pages can be scanned as one single set.

SUPERIOR PAPER HANDLING

- Print full-bleed A3 documents: the systems handle SRA3 paper.
- Stack paper of up to 300 g/m² with the finisher, booklet finisher and stackers.
- Print on a variety of media including bond paper, coated paper, transparencies and card stock.

Safeguard and control your workflow

Your customers entrust confidential files to you. To keep these documents safe, the Pro™907EX/1107EX/1357EX can be equipped with enhanced security systems. Digital files as well as their physical counterparts are kept from prying eyes. For optimal control over your fleet, generate status reports with our @Remote service.

Taking charge of all systems

ADVANCED SECURITY MEASURES
- Limited user access with Windows®/LDAP authentication.
- Secure communication via encryption.
- Safeguarded mission-critical information with Data Overwrite Security Unit.
- Unauthorised copy prevention.

BEHIND LOCK AND KEY
Make sure that your paper input and output stay where they should. The Pro™907EX/1107EX/1357EX's large capacity trays and stackers come with brackets for security locks.*
* Locks are not included.

@REMOTE
Ricoh's optional @Remote service improves your workflow and reduces system downtime. You do not have to worry about meter readings, toner replenishment or service calls. They are automatically taken care of. Your own control over processes is increased with automatic fleet reports and analyses of system use.

Addressing your challenges

The Pro™907EX/1107EX/1357EX are unique black & white digital printing solutions for printing professionals. Smart and reliable, they are at home in a wide variety of corporate or commercial production environments. Ricoh's Pro™907EX/1107EX/1357EX take an integrated approach to production printing. They synchronise all processes to work smoothly with each other and address your specific needs.

Stand out

CRD EFFICIENCY
Meet the most diverse requests. With the Pro™907EX/1107EX/1357EX you obtain:
- fast, reliable equipment to keep you up and running;
- wide paper support, including coated paper and card stock of up to 300 g/m²;
- seamless integration into host environments with an IPDS controller unit (optional).

PRINT FOR PAY
Stay on top of the game and raise your profits. The Pro™907EX/1107EX/1357EX offers you:
- a straightforward and easy-to-use standard print controller;
- standard colour scanning with scan-to functions;
- a low Total Cost of Ownership.

COMMERCIAL PRINT POWER
Increase customer satisfaction. The Pro™907EX/1107EX/1357EX's strengths:
- efficient job storage for on-demand printing and easy job retrieval;
- professional in-line finishing tools without compromising on speed;
- minimal operator intervention: non-stop operation at 90/110/135 ppm;
- variety of highly efficient external print controllers from EFI.

VERTICAL MARKET PRINT APPLICATIONS
- On-demand book and booklet printing.
- Leaflets.
- Manuals.
- Direct mail.
- Transactional printing.

Pro™ 907EX/1107EX/1357EX

◻ COPIER

Copying process:	2 x 4-way laser diode array & electro-photographic printing
Copy speed:	Up to 90/110/135 copies per minute
Resolution:	Print: 1,200 dpi, Scan: 600 dpi
Multiple copy:	Up to 9,999
Warm-up time:	360 seconds or less
First copy speed:	3.5/3.2/3.0 seconds
Zoom:	25 - 400% (in 1% steps)
Memory:	Hard Disk Drive: 320 GB
Paper input capacity:	Standard: 2 x 1,000-sheet tandem trays
	2 x 500-sheet paper trays
	Maximum: 8,050 sheets (A4), 7,500 sheets (A3)
Paper output capacity:	Maximum: Finisher: 3,000 + 500 sheets
	Booklet Finisher: 2,500 + 250 sheets
	Stacker: 5,000 + sheets (with tandem connection: 10,000 + 500 sheets)
Paper size:	Minimum: Standard trays: 139.7 x 139.7 mm
	A3 LCT, Bypass tray: 100 x 139.7 mm
	Maximum: Standard trays: 330.2 x 458 mm
	A3 LCT, Bypass tray: 330.2 x 487.7 mm
Paper weight:	Standard trays: 52 - 216 g/m²
	A3 LCT: 40 - 300 g/m²
	Duplex: 52 - 256 g/m²
Duplexing:	Standard
Dimensions (W x D x H):	870 x 858.5 x 1,476 mm
Weight:	Less than 315 kg
Power source:	220 - 240 V, 50 - 60 Hz
Power consumption:	Maximum: 3,500/3,500/4,000 W

PRINTER/SCANNER
🖨 PRINTER CONTROLLER

Print speed:	90/110/135 prints per minute
Printer language/resolution:	Standard: PCL5e: 300 - 600 dpi
	PCL6: 600 - 1,200 dpi
	RPCS™: 200 - 1,200 dpi
	Option: Adobe® PostScript® 3™: 600 - 1,200 dpi
	Genuine IPDS: 300 - 600 dpi
Interface:	Standard: Ethernet 10 base-T/100 base-TX, USB 2.0
	Option¹: IEEE 1284
	Wireless LAN (IEEE 802.11 a/b/g)
	Ethernet 1000 base-T, Bluetooth
Memory:	Standard: 512 MB with additional 1 GB (total: 1.5 GB)
	Hard Disk Drive: 320 GB
Drivers:	RPCS, PCL5e, PCL6, PS, XPS
Network protocol:	TCP/IP (IPv4, IPv6), IPX/SPX, EtherTalk, SMB
Supported networks:	Windows® 2000/XP/Vista/Server 2003/Server 2008
	Macintosh OS 8.6 or later (OS X Classic)
	Macintosh OS X 10.1 or later (native mode)
	UNIX Sun® Solaris 2.6/7/8/9/10
	HP-UX 10.x/11.x/11iv2/11iv3
	RedHat® Linux 6.x/7.x/8.x/9.x/Enterprise
	SCO OpenServer 5.0.6/5.0.7/6.0
	IBM® AIX v4.3/5L v5.1/5.2/5.3
	Novell® Netware® 3.12/3.2/4.1/4.11/5.0/5.1/6.0/6.5
	SAP® R/3® version 4.x or later, mySAP ERP2004 or later

◿ SCANNER

Scan speed:	80 originals per minute (A4 LEF, 200 dpi)
Resolution:	100 - 600 dpi (200 dpi default)
	TWAIN (full colour, B/W): 100 - 1,200 dpi (600 dpi default)
Maximum scan area:	297 x 432 mm
Output formats:	TIFF, JPEG, PDF, high-compression PDF
Bundled drivers:	Network TWAIN
Scan to e-mail:	Authentication: SMTP, POP before SMTP
Destination address selection:	Via LDAP, local address book or direct input
Destination addresses:	Up to 500 from local address book, up to 100 via LDAP
Stored destination addresses:	Maximum 2,000
Scan to folder:	Via SMB, FTP or NCP protocol, up to 50 folders per job

OPTIONAL CONTROLLERS

Fiery® printer/scanner controller, MicroPress®

◉ SOFTWARE

Standard:	DeskTopBinder™ Lite, Web SmartDeviceMonitor™, SmartDeviceMonitor™ for Admin, Web Image Monitor, TWAIN driver
Option:	Device Software Development Kit, @Remote

OTHER OPTIONS

4,550-sheet A4 large capacity tray, 4,000-sheet A3 large capacity tray, 1,000-sheet A3 tray kit, 500-sheet multi-bypass tray, 3,000-sheet finisher with 100-sheet stapler, Several punch units (2/3, 2/4 switchable hole punch, Scandinavian 4 hole punch), Booklet finisher, Booklet trimmer, Cover interposer, Ring binder, Glue binder (perfect bind in-line option), High-capacity stacker with tandem connection, Decurling/purge unit, Multi-folding unit, Plockmatic booklet maker, GBC StreamPunch™ III, Roll-away cart, VM card, File format converter, Copy Data Security Unit, Data Overwrite Security Unit, Browser unit, HDD encryption unit, Copy connector, MicroPress®, Fiery® printer/scanner controller.

¹ Only one of these options can be installed.

Ricoh has designed these products to meet EC ENERGY STAR guidelines for energy efficiency.

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

www.ricoh.eu

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For more information, please contact