Monochrome Production Printers

![RICOH logo — imagine. change.]

RICOH
Pro 8410/8410S
Pro 8420/8420S

☑ **Printer** ☑ **Copier** ☑ **Scanner**

RICOH Pro 8410/8410S

111 ppm Black & White

RICOH Pro 8420/8420S

136 ppm Black & White

Work faster and smarter.

Deliver pristine monochrome output at the pace your business demands. Designed for fast turnaround, on demand applications, these cutting-edge presses can produce upwards of 1,000,000 A4 impressions a month. Choose from dedicated print only models or tailored multifunctional systems. With speeds ranging from 111 to 136 pages per minute, they offer unparalleled performance.

The RICOH Pro 8420S.

Environmentally friendly, too.

In every walk of life, sustainability is important.
Your printer, that everyday workhorse, is no exception.
Naturally, you need one that's productive and easy to operate.
But you also need it to be environmentally responsible.
RICOH Pro 8410S/8420S are designed for sustainability.
They treat operators and the environment with equal care.
Delivering powerful support for client operations,
they're also versatile and robust. Everything you need.

Ricoh: driving sustainability for the future.

A powerful performer.

Enjoy astonishing quality and productivity.

Produce flawless black and white prints.

Elevate quality with an advanced monochrome production system from Ricoh. Our cutting-edge VCSEL imaging technology and enhanced toner deliver sharp text and smooth halftones at 2400 x 4800 dpi resolution. Save energy with a low fusing temperature, and reduce supply needs with a low toner pile height. Enjoy precise front to back registration with the press automatically adjusting the paper position to correct for any shift.

- Proven VCSEL (Vertical Cavity Surface Emitting Laser) imaging technology.
- Enhanced toner composition delivers smaller, more uniform particles.
- Crisp text, fine lines, and seamless halftones at 2400 x 4800 dpi resolution.
- Automatic control systems ensure precise front to back registration.
- Low fusing temperature helps to reduce energy consumption.

Seamlessly expand your media capabilities.

Ready to help you grow monochrome volumes, these systems support media up to 350 gsm. Say yes to more work and release capacity on colour printers. Effortlessly produce high quality monochrome documents, including direct mail, newsletters, books, and manuals. Print on offset coated SRA3 media. Save time and guarantee exceptional results by applying settings from the integrated media library.

- Grow monochrome volumes and release colour capacity.
- Perfect for direct mail, newsletters, books, and manuals.
- Print in high resolution on coated stocks of up to 350 gsm.
- Effortlessly handle SRA3 media and banner sheets.
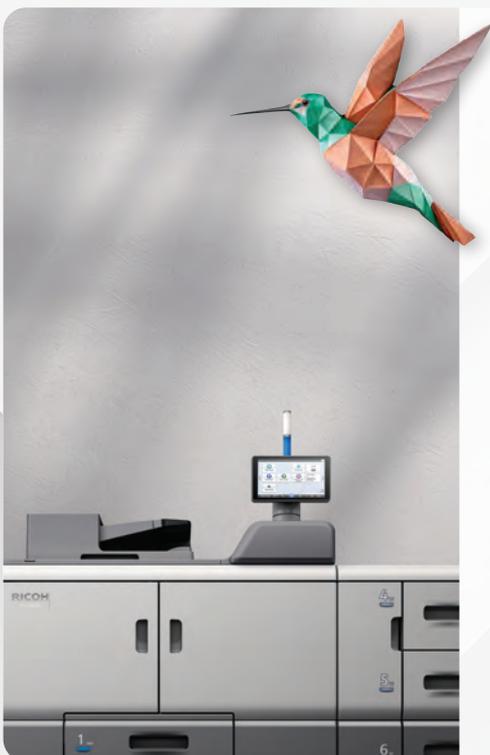- Integrated media library ensures optimal settings.

Versatile solution to diverse printing needs.

Empower office and production workflows.

Because every workflow is different, the presses can be tailored to a variety of needs, including office, production, and data printing. Ricoh's integrated GW controller handles regular office applications. Incorporate the latest Fiery EB-36 print server for easy load balancing in graphic-intensive workflows. Equipped with Ricoh's genuine IPDS print option, they deliver accurate, high value transactional documents efficiently.

- Support office, commercial, and data-driven print streams.
- Integrated Ricoh controller meets regular office needs.
- Optimise Fiery workflows with the latest Fiery EB-36 print server.
- Balance production, releasing capacity on colour printers.
- Genuine IPDS option for error-free transactional printing.

Dynamically scan and distribute information.

Printer-scanner models are equipped, as standard, with a productive single-pass document feeder. Save time with simultaneous dual-sided scanning at speeds of up to 280 images per minute. Feed up to 220 double-sided originals at a time. Simplify job build by batch scanning larger document sets. Automate capture of small documents, such as business cards. Employ versatile scan-to features for efficient document distribution.

- Scan, record, and distribute business critical information.
- 220 sheet single pass document feeder enhances productivity.
- Dual-sided scanning at up to 280 images per minute.
- Simplify job builds by batch scanning large document sets.
- Effortlessly handle smaller documents, including business cards.

Benefit from seamless end to end finishing.

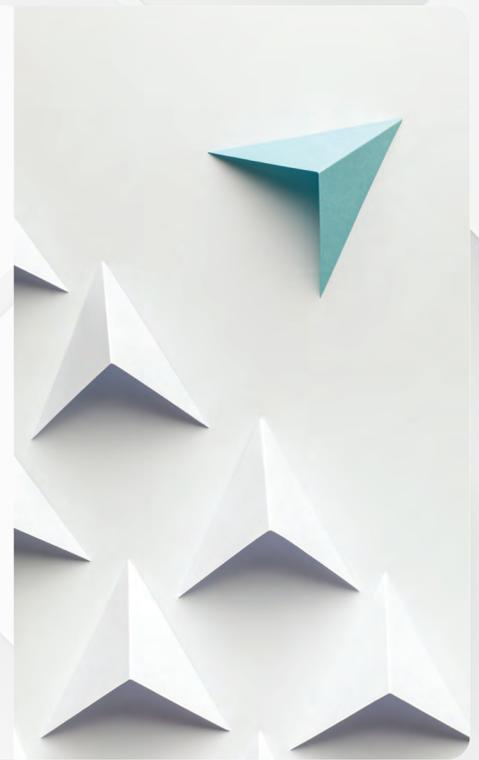## Implement powerful inline finishing solutions.

Ensure every job is finished to the highest standard. Streamline production processes and guarantee superior results with end to end feed and finishing solutions from Ricoh and first tier partners, including GBC and Plockmatic. Benefit from innovative automation, exceptional image quality, and reliable performance. Simplify your workflow and accelerate delivery with our cutting-edge full-line systems.

- Automate your workflow and deliver superior results.
- Effortlessly produce brochures, books, and manuals.
- Integrate colour content and finish seamlessly inline.
- Improve productivity, reduce costs, and impress clients.
- End to end solutions from Ricoh and first tier partners.

Fold and collate documents ready for distribution.

Our innovative end to end finishing solutions include stream punching, multifolding, and stacking. Automate production processes with inline punching, perforation, and creasing. Enhance production capabilities with a compact multifolding unit that supports four fold patterns and media weights of 64 to 150 gsm. Maximise productivity with twin high capacity stackers that can neatly collate over 10,000 sheets.

- Automate production with inline perforation and folding.
- Streamline folding with a versatile inline multifolding unit.
- Enhance capabilities with four supported fold patterns.
- Maximise productivity with twin high capacity stackers.
- Neatly collate over 10,000 sheets per operation.

Create stunning 200 page booklets.

Optimise colour capacity by moving monochrome production and finishing to your RICOH Pro 8410S/8420S press. Seamlessly integrate pre-printed colour covers and finish booklets more efficiently using an array of powerful inline systems. Create stunning 200 page booklets and trim them on three sides for a smarter finish. Reduce the number of touchpoints and operate more profitably.

- Easily integrate pre-printed covers, inserts, and tabs.
- Create stunning 200 page booklets with colour covers.
- Stitch and fold up to 50 sheets (200 pages).
- Pre-crease covers and create elegant square-back spines.
- Enhance quality and add value with three-edge trimming.

Conserve energy and reduce carbon emissions.

Ricoh is committed to providing products and services that improve business efficiency and productivity while significantly reducing greenhouse gas emissions. The RICOH Pro 8410S/8420S presses are no exception. Helping you cut energy consumption, they boast class leading energy efficiency. Diverting waste from landfill, they also comprise 25% post-consumer recycled plastic and 33% electric furnace recycled steel.

- Significantly reduce energy consumption.
- RICOH Pro 8410S/8420S offers class leading energy efficiency.[*1]
- Help preserve natural resources and divert waste from landfill.
- Presses comprise 25% recycled plastic and 33% recycled steel.
- Plastic packaging also reduced by 50%.

[*1] Typical Energy Consumption (TEC) calculated in accordance with Energy Star V3.0.

RICOH Pro 8410S/8420S

SYSTEM SPECIFICATIONS

GENERAL

Functionality:	Pro 8410/8420: Print Pro 8410S/8420S: Print, copy and scan
Print Process:	1-drum dry electrostatic transfer system with internal transfer belt
Imaging Technology:	40-beam VCSEL (Vertical Cavity Surface Emitting Laser)
Fusing Method:	Oil-less belt
Control Panel:	10.1" Smart Operation Panel
Print Speed:	Pro 8410/8410S: 111 ppm Pro 8420/8420S: 136 ppm
Resolution:	VCSEL 2,400 x 4,800 dpi
Warm Up Time:	Less than 300 seconds
Dimensions (WxDxH):	1,141 x 900 x 1,750 mm (including attention light)
Weight:	Pro 8410S/8420S: 428kg Pro 8410/8420: 413kg
Power Source:	220-240 V, 20 A (dedicated), 50/60 Hz
Typical Energy Consumption (TEC):	Pro 8410/8410S: 13.7/13.6 KWh/wk Pro 8420/8420S: 17.7/17.2 KWh/wk
Maximum Power Consumption:	Pro 8410/8410S: 3,300 W Pro 8420/8420S: 3,520 W
Life:	60,000,000 A4 pages or 5 years

MEDIA HANDLING

Standard Paper Trays:	Tray 1: 2 x 1,100 sheets, 52 - 256 gsm
	Tray 2: 550 sheets, 52 - 256 gsm
	Tray 3: 550 sheets, 52 - 256 gsm
1st Vacuum Feed LCIT (option)	Tray 4: 2,200 sheets, 40 - 350 gsm
	Tray 5: 2,200 sheets, 40 - 350 gsm
2nd Vacuum Feed LCIT (option)	Tray 6: 2,200 sheets, 40 - 350 gsm
	Tray 7: 2,200 sheets, 40 - 350 gsm
2nd Vacuum Feed LCIT (option)	Tray 8: 2,200 sheets, 40 - 350 gsm
	Tray 9: 2,200 sheets, 40 - 350 gsm
A4 LCIT (option)	Tray 4: 1,100 sheets, 52 - 216 gsm
	Tray 5: 1,100 sheets, 52 - 216 gsm
	Tray 6: 2,800 sheets, 52 - 163 gsm
A3/SRA3 LCIT (option)	Tray 4: 1,100 sheets, 52 - 256 gsm
	Tray 5: 2,200 sheets, 40 - 300 gsm
	Tray 6: 1,100 sheets, 52 - 256 gsm
Bypass Tray (option):	500 sheets, 52 - 220 gsm
Maximum Paper Size:	330.2 x 700 mm (option dependent)
Maximum Paper Weight:	350 gsm (option dependent)

PRINTER

RICOH GW Controller (standard)

Configuration:	Embedded
System Version:	G3.0(23A)
CPU:	Intel® Apollo Lake E3940 1.6 GHz
Memory:	2 GB
Storage:	Standard: 640 GB HDD (320 GB HDD x 2 pcs)
Page Description Language:	Standard: PCL5e, PCL6, PostScript3 Emulation, PDF Direct Print Emulation, JPEG, TIFF; Option: Adobe PostScript3, Adobe PDF Direct Print, IPDS, XPS

Fiery EB-36 Controller (option)

Configuration:	External
System Version:	Fiery FS600 Pro Software
CPU:	Intel® Pentium® G7400E 3.7GHz
Memory:	8 GB (2 x 4 GB)
Storage:	240 GB SSD (for OS and Fiery software)
	500 GB SATA HDD (storage)
Page Description Language:	PCL6, PostScript 3 Emulation

OTHER OPTIONS

Media Identification Unit (Type S3), A4 LCIT (RT5160), A3/SRA3 LCIT (RT5170), Vacuum Feed LCIT (RT5150), Bridge Unit (BU5010), Vacuum Feed Banner Sheet Tray, Extension Vacuum Feed Banner Sheet Tray, Multi Bypass Tray (BY5020), Multi Bypass Banner Sheet Tray, Perfect Binder (GB5010), Cover Interposer Tray (CI5040), Plockmatic High Capacity Interposer (HCI 3500), Multi-Folding Unit (FD5030), GBC StreamPunch Plus, GBC E-wire Binder, High Capacity Stacker (SK5040), Plockmatic Crease/Trim Unit (CT XL), Staple Finisher (SR5110), Booklet Finisher (SR5120), Trimmer Unit (TR5050), Plockmatic Booklet Maker (PBM350e/500e).

WORKFLOW SOLUTIONS

Ricoh ProcessDirector, Ricoh TotalFlow BatchBuilder, Ricoh Supervisor, InfoPrint Manager, EPS MarketDirect Storefront & Cross Media, Fiery Impose, Fiery Compose, Fiery JobMaster.