

B&W Production Printers

RICOH Pro 8100S 8110S 8120S

RICOH
imagine. change.



Pro 8100S
95 ppm B/W

Pro 8110S
110 ppm B/W

Pro 8120S
135 ppm B/W

Advanced technology for higher productivity

At Ricoh, our continually evolving solutions are designed to drive digital expectations into the next generation of production printing. That's why you'll find our Pro 8100S series of mono production printers offer exceptional reliability along with outstanding image quality and paper handling. It results in greater productivity and opens up new opportunities for revenue - just what you need in this highly competitive environment.

- Superior image quality
- Enhanced robust design
- Excellent paper handling
- Superb reliability
- Maximum uptime



Raising performance. Lowering costs.



High speeds and image quality

These new generation digital printers offer outstanding monochrome print speeds of up to 135ppm plus scanning speeds of 120 (simplex) and 220 (duplex). The latest VCSEL technology and new toner formulation ensure supreme image quality for consistently professional results.



Robust and reliable

With its new distinctive design and improved flat paper path, the Pro 8100S series raises the bar for reliability. It enables you to produce extended runs with excellent and stable quality; delivering higher productivity whilst lowering costs.



Broad paper handling

The Pro 8100S series supports heavy coated paper, textured media and pre-printed paper. It also offers a wide range of paper latitude – supporting SRA3 paper size as standard and up to a maximum of 320mm x 480mm. All of which helps you capture more jobs from books and manuals to envelopes, invoices and direct mail.



Simple and easy operation

A new large colour LCD Touch Panel with customizable home screen allows programming of short cuts for frequently used job operations. Status Light Pole enables you to monitor operation from a distance and 'on the fly' toner replacement to maximize uptime and productivity.

Designed to maximize your success



High productivity

- Duty cycle of 3,000k pages per month (135ppm model), the Pro 8100S series supports high-volume usage and seasonal peak-printing volumes
- Modified paper guides reduce static and coupled with a revised airflow design lowers internal temperatures ensuring long print runs
- New belt-fusing technology incorporates a new paper separation plate which does not contact the hot roller to prevent scratches and gloss streaks
- New Process Control technology and stability of image density ensure print quality is maintained even on long runs

The latest laser technology

Our innovative VSCSEL technology gives best-in-class resolution of 1,200 x 4,800 dpi creating outstanding image quality. VSCSEL has as many as 40 laser beams emitting simultaneously to give exceptionally accurate and smooth, professional quality.



Usability

- Designed to maximize uptime and ensure simple troubleshooting processes
- Status Light Pole – operational status is even visible from a distance
- Operational panel with customizable home screen
- Enhanced TCRU (Trained Customer Replacable Units) to minimize downtime

Open up new opportunities



Enhanced processing performance

The Pro 8100S series incorporates a high-performance 1.86 GHz Celeron Processor, 2GB memory and 250 GB x 2 SATA. It delivers faster processing of complex print jobs and supports finishing options to suit your requirements and broaden your client offering.

Wide paper support

The Pro 8100S series gives your business more print possibilities to offer your customers and drive profitability.

- Superb printing performance on everything from textured and coated media to envelopes and pre-printed forms
- Accurate duplex registration
- Easy setting of appropriate print requirements via enhanced Paper Library



Extend your markets

From textbooks and luxury books to office documents, manuals and poster printing, the Pro 8100S series expands your business. You can also take advantage of a wide choice of peripherals including multi-folding unit, decurl unit, perfect binder, ring binder, booklet finisher and more.

Enhance productivity while conserving the environment



Maximize uptime

- Improved flat paper path avoids occurrence of jams and paper tears
- Double feed detection sensor avoids misfeeds of pre-printed paper – so print quality is assured and problems avoided
- Decurl Unit reduces risk of paper curl which could cause paper jams
- Twin toner replacement mechanism, active tray indicators and operator call light help minimize downtime

Enhanced paper library

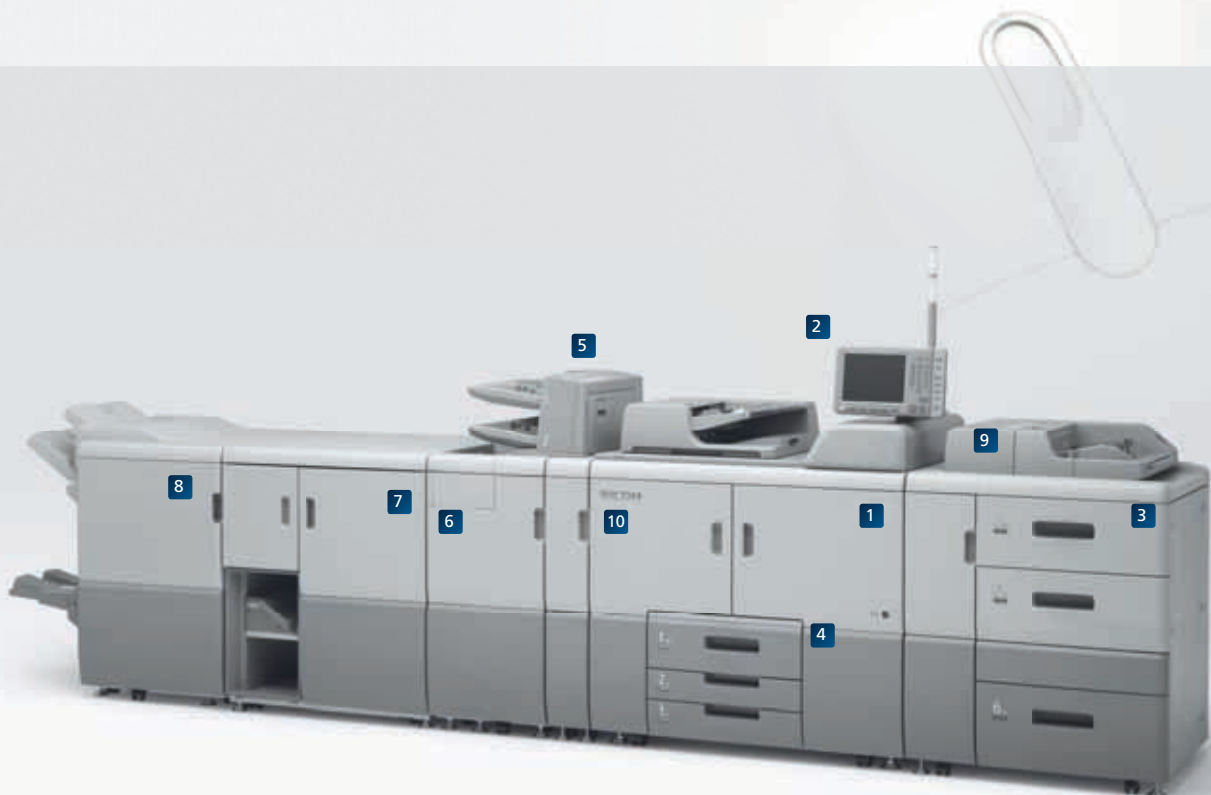
The extensive library holds over 200 profiles tested and proven by Ricoh. There's also a custom library for personalized media profiles along with a back-up capacity for an additional 1,000 profiles. It gives real scope to take advantage of a diverse range of print possibilities.



Energy saving

- Eco-friendly indicator helps increase paper usage awareness by displaying the paper reduction and duplex ratios of each user
- New recovery methods from energy save mode reduce power consumption
- Power On/Off timer reduces TCO and energy costs

All the options you need to succeed



- 1** Pro 8100S/8110S/8120S
 - 2** Colour LCD Panel
 - 3** Optional 4,400 Sheet SRA3 LCT Large Capacity Tray RT5080
 - 4** 3 Standard Paper Trays:
 - Tandem tray with 2x 1,100 A4 sheet paper (tandem)
 - 2 x 550-sheet3,300 sheet capacity in total
 - 5** Optional Cover Interposer C15030
 - 6** Optional - Multi Folding Unit FD5020
 - 7** Optional - Ring Binder (RB5020)
 - 8** Optional Booklet Finisher SR5060
 - 9** Optional Bypass
 - 10** Optional Decurl Unit*
 - 5,000 A4/LCT Large Capacity Tray RT5070****
 - Finisher SR5050****
 - Booklet Trimmer TR5040****
 - Plockmatic Booklet Marker****
 - Plockmatic Crease Trimmer****
 - Stream Punch Pro****
 - Perfect Binder****
- * Optional Decurl Unit is located inside mainframe and not visible
- ** not illustrated

RICOH Pro 8100s/8110s/8120s

MAIN SPECIFICATIONS

GENERAL

Technology:	1-drum dry electrostatic transfer system with internal transfer belt
Fusing:	Oil-less belt-fusing method
Print speed:	95/110/135 ppm
Warm up time:	Less than 360 seconds
Dimension (WxDxH):	1,320x1,110x1,460 mm
Weight:	415 kg
Power source:	220-240V, 50/60Hz, 16A
Power consumption:	3,200/3,400/3,700W
Duty cycle:	2,100/2,400/3,000K

COPIER

Original type:	Book/Sheet/Object
Original size:	Max.: 297 x 432 mm
First copy speed:	6.3/5.6/4.6 seconds
Multiple copying:	Up to 9,999
Warm up time:	Less than 360 seconds
Zoom:	25% – 400% in 1% increment 7 preset reduction & 5 preset enlargement ratio

PRINTER

CPU:	Intel Celeron Processor P4505 1.8GHz
RAM:	2 GB
PDL:	Standard: PCL 6, PCL 5e, PDF, XPS (TBA) Optional: Adobe PostScript 3, Genuine IPDS*
Print resolution:	Max: 1,200 x 4,800 dpi
Printer language:	Standard (PCL): 45 fonts, 13 International fonts Optional PostScript 3: 136 fonts Optional IPDS: 108 fonts
Host interface:	Standard: Ethernet 1,000Base-T/100Base-T/10Base-T, USB2.0 TypeA Optional: IEEE 1284/ECP, Wireless LAN (IEEE802.11a/b/g/n), Bluetooth
Network protocol:	Standard: TCP/IP Optional: IPX/SPX
MIB Support:	MIB-II (RFC1213), HostResource (RFC1514), PrinterMIB (RFC1759), Printer Port Monitor MIB
Supported environments:	Windows XP/Vista/7/Server 2003/Server 2008/Server 2008R2 Novell Netware: v6.5 UNIX: Sun Solaris, HP-UX, SCO OpenServer, Red Hat Linux, IBM AIX MAC OS X v10.2 or later SAP R/3, NDPS Gateway IBM iSeries, AS/400 using OS/400 Host Print Transform

* Available from June 2014 onwards

PAPER HANDLING

Paper input capacity:	Standard: 1st tray: 1,100 sheets x2 (Tandem tray) 2nd tray: 550 sheets 3rd tray: 550 sheets Optional A4/LT LCT: 4th tray: 1,100 sheets 5th tray: 1,100 sheets 6th tray: 2,800 sheets Optional A3/DLT LCT: 4th tray: 1,100 sheets 5th tray: 2,200 sheets 6th tray: 1,100 sheets Optional bypass tray: 550 sheets Maximum system: With A4/LT LCT: 8,850 sheets With A3/DLT LCT: 8,250 sheets
Paper input size:	Standard: 1st tray: A4(LEF) & LT (LEF) 2nd/ 3rd tray: Width 139.7 to 330.2 mm Length 139.7 to 457.7 mm Optional A4/LT LCT: 4th – 6th tray: Width 139.7 to 305.0 mm Length 139.7 to 230.0 mm Optional A3/DLT LCT: 4th – 6th tray: Width 100.0 to 330.2 mm Length 139.7 to 487.7 mm Optional bypass tray: Width 100.0 to 330.2 mm Length 139.7 to 487.7 mm
Input paper weight:	Standard: 1st – 3rd tray: 52.3 – 256.0 g/m ² Optional A4/LT LCT: 4th – 5th tray: 52.3 – 216.0 g/m ² 6th tray: 52.3 – 163.0 g/m ² Optional A3/DLT LCT: 4th & 6th tray: 52.3 – 256.0 g/m ² 5th tray: 40.0 – 300.0 g/m ²
Output capacity:	Max: 3,000 + 250 sheets

FIERY PRINTER CONTROLLER E-32 (OPTION)

CPU:	Intel Processor G850 2.9GHz
RAM:	DDR3 2GB
HDD:	500 GB
System:	FS 100 Pro

OTHER OPTIONS

Booklet Finisher (3,000 sheets), Booklet Trimmer, Ring Binder, Perfect Binder, Cover Feeder, 2-source Cover Interposer, Multi Folding Unit, Buffer Pass Unit, Decurl Unit, A4/LT LCT, A3/DLT LCT and Plockmatic.

WORKFLOW SOLUTIONS

Ricoh TotalFlow: Prep, Print Manager, Production Manager & Path

ECOLOGY

Pro 8100S comply with Energy Star 1.1 standards

For availability of models, optional apparatus and software, please contact your local Ricoh representative.

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www.ricoh-ap.com

RICOH ASIA PACIFIC PTE LTD

103 Penang Road #08-01/07, VISIONCREST Commercial, Singapore 238467
Phone: +65 6830 5888, Fax: +65 6830 5830



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