

## Efficient, On-Demand Production of Professionally Finished Books.



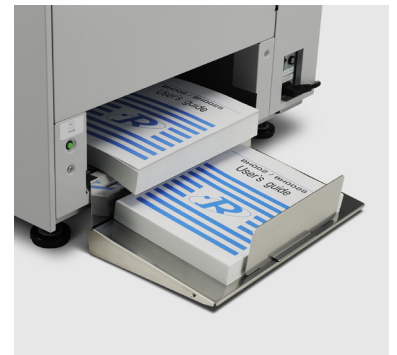
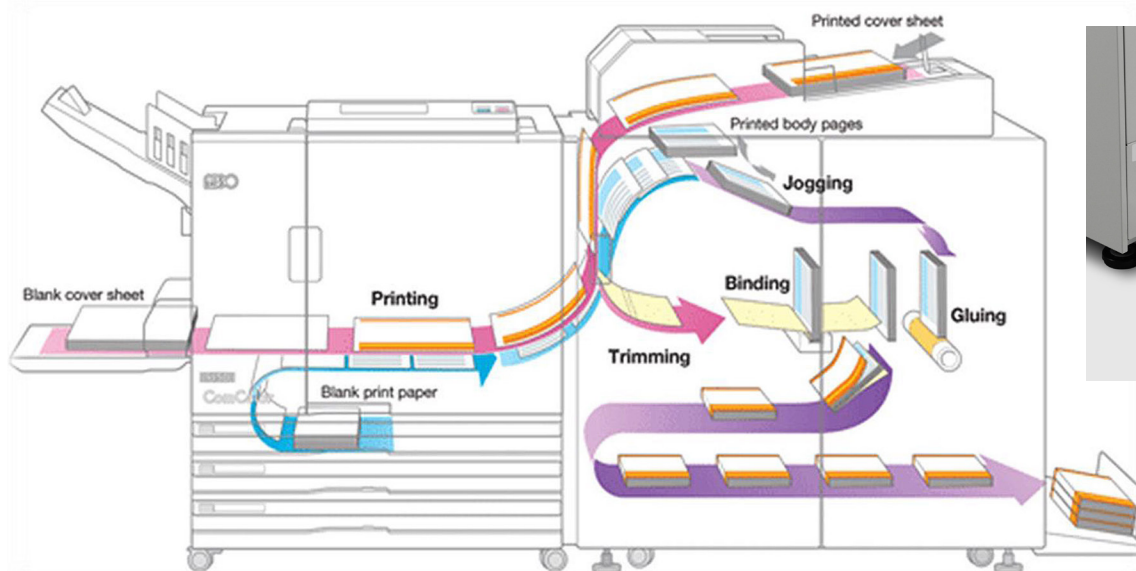
### The RISO Perfect Bind Print Solution.

Book production is a time-consuming, effort-intensive process – particularly when printing short runs. The RISO Perfect Binder leverages the inkjet technology and production speed of the ComColor X1 Series printers to create a self-contained book manufacturing solution for both short runs and on-demand production.

Combining power, speed and versatility in a compact, 6' X 12' operating footprint, the full-color books produced by RISO's in-line system enables printing of covers and pages, with the ability to insert pre-printed covers and pages as well. RISO's inkjet Perfect Binder solution prints books as thick as 300 sheets – which meets or exceeds the production needs of most digital book printers.

### Features

- **Productivity without Reconfiguration:** A ComColor X1 9150 with Perfect Binder can eliminate the time-and-labor intensive configuration of specialized equipment in more traditional perfect binding workflows.
- **Speed:** Go from an electronic file to a full-color 100 page book, printed and bound, in about 60 seconds.
- **Simple & Intuitive Operation:** A Windows-compatible cover layout program simplifies cover design, including spine printing. Print preview functions enable complete pre-print editing.
- **Flexibility:** Print covers as part of book production, or insert pre-printed covers and pages as needed.
- **Automated Sizing and Trimming:** Each cover is automatically trimmed to size based on the number of letter-size pages, resulting in a professional finished book. The system accommodates varying book thicknesses up to 300 sheets / 600 pages.
- **Binding:** The binding process secures printed pages, glues the spine and forms the cover over the pages to bind the book. RISO registration technology assures pages are in order and properly aligned.
- **Versatility:** The ComColor X1 9150 adds value to any print environment, with inkjet output up to 150 ppm.



**Speed Up Your Color Communications!**

<http://us.riso.com>

# Perfect Binder

## Specifications

<b>Model</b>	Perfect binder	
<b>Compatible Printer</b>	ComColor 9150/9110/7150/7110	
<b>Finishing Type</b>	Side-binding	
<b>Warm-up Time</b>	13 min. or less (at room temperature of 68°F (23°C))	
<b>Binding Speed*1</b>	ComColor 9150/9110: 60 books/hour, ComColor 7150/7110: 48 books/hour	
<b>Paper Size</b>	<b>Body Page</b>	A4/B5/A5/Letter long-edge feed
	<b>Cover Sheet**4 (when cutting off the surplus part)</b>	A5: 8 1/4" × 12 3/32"-13 15/32" (210 mm × 307-342 mm) B5: 10 1/8" × 14 23/32"-16 3/32" (257 mm × 374-409 mm) A4: 11 11/16" × 16 15/16"-18 5/16" (297 mm × 430-465 mm) Letter: 11" × 17 13/32"-18 25/32" (279.4 mm × 441.8-476.8 mm)
	<b>Cover Sheet**4 (when leaving the surplus part)</b>	A5: 8 1/4" × 11 3/4"-13 15/32" (210 mm × 298.5-342 mm) B5: 10 1/8" × 14 3/8"-16 3/32" (257 mm × 365.5-409 mm) A4: 11 11/16" × 16 19/32"-18 5/16" (297 mm × 421.5-465 mm) Letter: 11" × 17 2/32"-18 25/32" (279.4 mm × 433.3-476.8 mm)
	<b>Paper Weight</b>	
	<b>Standard Tray</b>	Body page: plain paper, recycled paper; 14-lb bond to 34-lb bond (52 gsm to 128 gsm) (for A5 long-edge feed, 17-lb bond to 34-lb bond (64 gsm to 128 gsm)) Cover**5: plain paper, recycled paper; 21-lb bond to 56-lb bond (80 gsm to 210 gsm)
	<b>Feed Tray</b>	Body page: plain paper, recycled paper; 14-lb bond to 28-lb bond (52 gsm to 104 gsm) Cover**5: plain paper, recycled paper; 21-lb bond to 28-lb bond (80 gsm to 104 gsm)
	<b>Body Sheet Stacker</b>	Plain paper, recycled paper; 14-lb bond to 34-lb bond (52 gsm to 128 gsm)
	<b>Cover Sheet Inserter</b>	Plain paper, recycled paper; 21-lb bond to 56-lb bond (80 gsm to 210 gsm)
<b>Book Thickness (binding amount of sheets)</b>	1/16" to 1 3/16" (1.5 mm to 30 mm), 15-300 sheets Binding amount of sheets varies depending on the paper type	
<b>Binding Side</b>	Long-edge	
<b>Binding Margin*2</b>	Body page: 3/16" (5 mm) or more Cover: Whole back side of spine, 3/16" (5 mm) or more	
<b>Computer Environment for Supplied Software</b>	<b>Operating System</b>	Microsoft® Windows® XP (32-bit), Microsoft® Windows Vista® (32-bit/64-bit), Microsoft® Windows® 7 (32-bit/64-bit), Microsoft® Windows® 8 (32-bit/64-bit)**6
	<b>Memory</b>	1 GB or more
	<b>CPU</b>	Intel® Pentium® or fully compatible
	<b>Clock</b>	1 GHz or more
	<b>Hard Disk</b>	200 MB of free space (space enough to operate the OS)
<b>Corresponding File Format*7</b>	<b>Display</b>	1,024 × 768 or more, High Color or greater resolution
	<b>doc, docx</b>	Microsoft® Word 2003, 2007, 2010
	<b>xls, xlsx</b>	Microsoft® Excel® 2003, 2007, 2010
	<b>ppt, pptx</b>	Microsoft® PowerPoint® 2003, 2007, 2010
	<b>pdf</b>	Version 1.3 to 1.7
<b>Power Source</b>	AC 100-120 V, 12.0 A, 50-60 Hz	
<b>Power Consumption</b>	Maximum: 1,500 W	
<b>Operating Noise*3</b>	Max. 70 dB (when binding)	
<b>Operating Environment</b>	Temperature: 59°F to 86°F (15°C to 30°C); Humidity: 40% to 70% RH (non-condensing)	
<b>Dimensions (W × D × H)</b>	50 25/32" × 26 3/8" × 44 9/32" (1,290 mm × 675 mm × 1,125 mm)	
<b>Required Space with Printer (W × D × H)</b>	108 9/32" × 48 13/16" × 44 9/32" (2,750 mm × 1,240 mm × 1,125 mm)	
<b>Weight</b>	Approx. 485 lb (220 kg)	

\*1 The speed converted to per hour by outputting five 100-page books (A4) and a simplex cover (11 11/16" × 18 5/16" (297 mm × 465 mm)), finishing the second to fifth outputs

\*2 • Two-page spread on the body page • Two-page spread on the cover

\*3 150 ppm when connecting to the printer, binding A4 long-edge feed

\*4 The length of a cover changes depending upon the thickness of the body pages to be bound. Paper with shorter length than body pages cannot be used

\*5 If the thickness of a book (spine) is 25/32" (20 mm) or more, use of paper with 28-lb bond (105 gsm) or heavier is recommended

\*6 Will soon be compatible, however will remain incompatible with Microsoft® Windows® RT

\*7 The file composed in 64-bit version is not supported

Specifications are subject to change without notice.



Scan this QR code to view video of this solution in operation!



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