

ComColor FW5000

Specifications

Print Type		Line-type inkjet system
Ink Type		Oil-based pigment ink (Cyan, Magenta, Yellow, Black)
Print Resolution		Standard: 300 dpi (main scanning direction) × 300 dpi (sub-scanning direction) Fine: 300 dpi (main scanning direction) × 600 dpi (sub-scanning direction)
Number of Gray Levels		For each CMYK color (11 gray levels)
Warm-up Time		2 min. 30 sec. or less (at room temperature of 23°C (73.4°F))
First Print Time*1		5 sec. or less (A4 long-edge feed)
First Copy Time*1		7 sec. or less (A4 long-edge feed)
Continuous Print Speed*2*3	A4 short-edge feed	Simplex: 90 ppm Duplex: 45 sheets/minute (90 ppm)
	Letter short-edge feed	Simplex: 90 ppm Duplex: 45 sheets/minute (90 ppm)
	Legal short-edge feed	Simplex: 76 ppm Duplex: 34 sheets/minute (68 ppm)
Paper Size	Standard Tray	Maximum: 340 mm × 550 mm (13 3/8" × 21 5/8")*11 Minimum: 90 mm × 148 mm (3 9/16" × 5 27/32")
	Feed Tray	Maximum: 297 mm × 432 mm (11 11/16" × 17") Minimum: 182 mm × 182 mm (7 3/16" × 7 3/16")
Printable Area		Maximum: 210 mm × 544 mm (8 3/16" × 21 13/32")
Guaranteed Print Area*4		Standard: Margin width of 5 mm (7/32") Maximum: Margin width of 3 mm (1/8")
Paper Weight	Standard Tray	Simplex: 46 gsm to 210 gsm (12-lb bond to 56-lb bond) Duplex: 46 gsm to 210 gsm (12-lb bond to 56-lb bond)
	Feed Tray	Simplex: 52 gsm to 104 gsm (14-lb bond to 28-lb bond) Duplex: 52 gsm to 104 gsm (14-lb bond to 28-lb bond)
Paper Tray Capacity	Standard Tray	Height up to 110 mm (4 5/16")
	Feed Tray	Height up to 56 mm (2 3/16") (× 2 trays)
Output Tray Capacity		Height up to 56 mm (2 3/16")
PDL (Page Description Language)		RISORINC/C IV
Supported Protocols		TCP/IP, HTTP, HTTPS (TLS), DHCP, ftp, lpr, IPP, SNMP, Port 9100 (RAW port), IPv4, IPv6, IPsec
Supported Operating Systems	Standard	Microsoft®: Windows Vista® (32-bit/64-bit), Windows® 7 (32-bit/64-bit), Windows® 8.1 (32-bit/64-bit), Windows® 10 (32-bit/64-bit), Windows Server® 2008 (32-bit/64-bit), Windows Server® 2008 R2 (64-bit), Windows Server® 2012 (64-bit)
	Optional*5	Mac: OS X 10.8 (64-bit), 10.9 (64-bit), 10.10 (64-bit), 10.11 (64-bit) Linux (compatible with PPD only)
Network Interface		Ethernet 1000BASE-T, 100BASE-TX, 10BASE-T
Memory Capacity		4 GB
Hard Disk*6	Capacity	500 GB
	Available Space	Approx. 430 GB
Operating System		Linux
Power Source		AC 100-240 V, 10.0-5.0 A, 50-60 Hz
Power Consumption	Max. 1,000W	
	Ready*7: 150 W or less	
	Sleep*8: 4 W or less	
	Stand-by: 0.5 W or less	
Operating Noise		Max. 65 dB (A) A4 long-edge feed (Simplex) at the maximum print speed
Operating Environment		Temperature: 15°C to 30°C (59°F to 86°F) Humidity: 40% to 70% RH (non-condensing)
Dimensions (W × D × H)		In use: 1,030 mm × 725 mm × 1,115 mm (40 19/32" × 28 9/16" × 43 29/32") With cover and tray closed: 775 mm × 705 mm × 970 mm (30 17/32" × 27 25/32" × 38 7/32")
Weight		Approx. 135 kg (297 lb)
Safety Information		IEC60950-1 compliant, Indoor, pollution degree 2*9, At altitudes of 2,000 m or lower
Required Space (W × D × H)*10		1,305 mm × 1,215 mm × 1,115 mm (51 13/32" × 47 27/32" × 43 29/32")

Specifications are subject to change without notice.

*1 Within 10 minutes after the last print job *2 When using plain paper or recycled paper (85 gsm (23-lb bond)), and density setting (Standard) Chart used: Print measurement pattern [Color measurement sample 2 (JETA standard pattern J6)] *3 The continuous print speed varies depending on the type of optional output equipment connected. *4 The margin when printing envelopes is 10 mm (3/8"). The guaranteed area when printing images is the area enclosed within 5 mm (7/32") of the edges of the paper. *5 Optional PS kit is required. *6 One gigabyte (GB) is calculated as 1 billion bytes. *7 Without printing and temperature adjustment operation. *8 When setting [Power Consumption (in sleep)] to [Low]. *9 The pollution degree of the usage environment due to dirt and dust in the air. Degree "2" corresponds to a general indoor environment. *10 With the front cover open and the operation panel in the upright position. *11 When using duplex print: 340 mm × 460 mm (13 3/8" × 18 3/32")

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For more details please contact:



Printers for Endless Possibilities

ComColor FW5000



High-speed inkjet printer

A4 / Letter

90 ppm

Multiple Paper Trays

FW5000

Compact and feature-rich
to improve efficiency

Rethink inkjet.

Experience the difference with this ultra-fast compact printer that really delivers.



The power of inkjet. Ultimate speed and efficiency.

Inkjet printers require no heat when printing unlike laser printers. ComColor FW5000 boasts ultra-fast print speed combined with a fast first print time to streamline printing, helping make busy work environments more efficient. Its ultimately low power consumption prevents paper from curling to reduce paper jams. And because output requires no cooling, pages can be sent immediately after printing to any of your optional finishers, vastly reducing production times.

Advancements all around

High productivity for any workplace.



With print speeds at 90 ppm, duplex scanning and a rich feature set, ComColor FW5000 brings a new level of productivity to any workplace. You'll also appreciate its modest footprint — the ideal choice where space is at a premium. Affordable on-demand, full-color printing ensures smooth operation to increase efficiency.

Superb efficiency for high volume printing.



ComColor FW5000 is the right choice for low-cost color printing. Superb high-speed output combines with outstanding flexibility for cost-efficient in-house printing. It also goes easy on the environment thanks to the energy-saving design.

Excellent usability for every work environment.



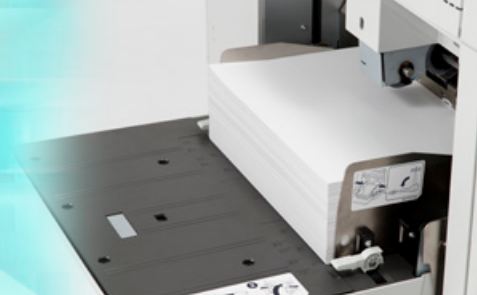
The easy to use and intuitive user interface of ComColor FW5000 makes anyone a master of efficiency. Management and maintenance tasks are also simplified, ensuring speedy workflows and reduced downtime.

ComColor FW5000

High productivity for any workplace.



Superb efficiency for high volume printing.



High-speed printing at 90 ppm

The amazingly fast print speed of 90 ppm in full-color allows ComColor FW5000 to significantly quicken high-volume print jobs.

Print Time for 1,000 A4-size Color Sheets (A4/letter-size, long-edge feed simplex)

ComColor FW5000	Approx. 11 minutes
Typical office laser printer	25 minutes*

* At 40 ppm

Duplex printing shares this efficiency, reaching up to 90 ppm. Thanks to high-precision paper-feed control, ComColor FW5000 prints at the same speed for both simplex and duplex documents to boost productivity. The responsive first print time of only 5 seconds means less waiting for both short print runs and high-volume jobs. The optional one-pass duplex scanner drastically enhances processing speed for scanning. You can load up to 200 sheets for quick scanning and copying of large documents.



Compact design to fit any workplace

The compact print head and tray-free design make for a small footprint, allowing installation of ComColor FW5000 almost anywhere.

Comparison with previous ComColor model

Cubic measurement
8% smaller

Footprint
11% smaller

Note: Approximate measurements

Two paper-feed trays are easily accessible and hold 500 sheets* each while the standard tray handles 1,000 sheets*. This equals a paper capacity of 2,000 sheets* in a slim body.

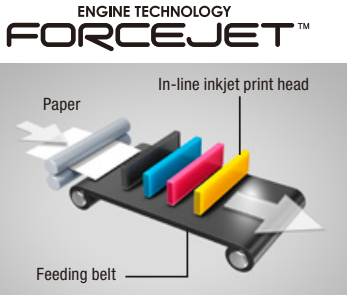


* When using plain paper or recycled paper (85 gsm (23-lb bond))

Reliability

The RISO inkjet advantage – FORCEJET technology
Your assurance of quality and reliability

Instant-drying ink complements the high-speed, duplex printing capability. This specially developed, oil-based ink is also fade-resistant and water-resistant, and minimizes paper curling. Stable paper feeding ensures the reliable performance necessary for high-speed printing. Paper-feed speed is intelligently controlled according to how much ink is emitted from the print head. Also, multiple sensors help ensure high levels of reliability.

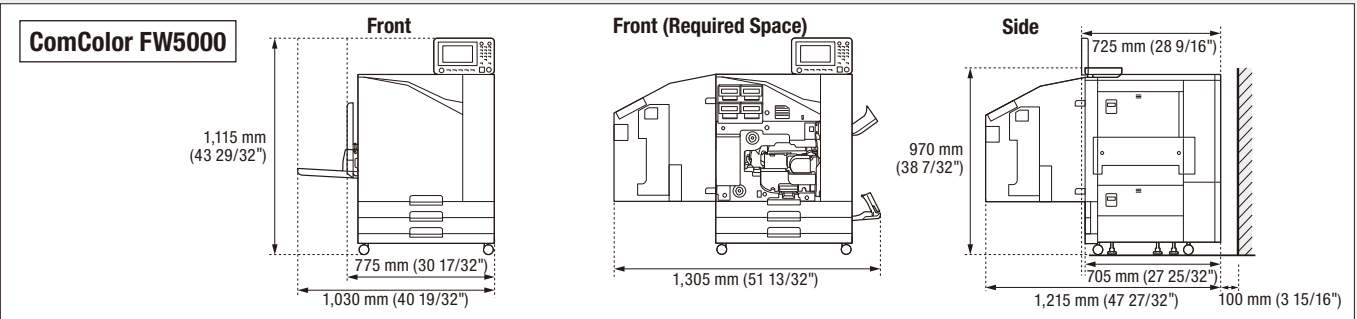


Durability

Tough body for reliable operation

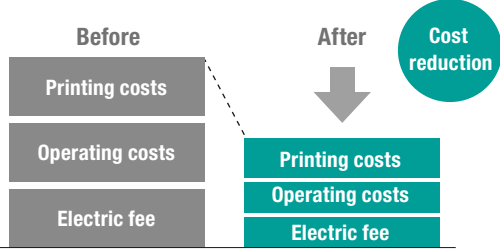
High-speed, high-volume printing requires a durable body. ComColor FW5000 is tough enough to print millions of sheets.

Dimensions



Low-cost color printing

ComColor Standard — RISO's original color profile — accurately controls the amount of ink ejected from the print head depending on document type and media. This maintains image quality and optimizes ink usage, ultimately lowering operating costs. Short print runs can now be performed inexpensively and efficiently in-house.



On-demand, full-color printing

White paper solution decreases waste, as it allows printing on-demand as and when required. ComColor FW5000 also supports variable-data printing, eliminating the need for pre-printed stock. Less outsourcing shortens turnaround time and lets you make last minute changes to documents.



Intelligent design for flexibility and efficiency

A simple paper-feed mechanism with no heating function supports a wide range of media, from plain paper and envelopes to cards. Paper is less likely to curl as no heat is applied during printing, thereby minimizing paper jams. Operation time can be reduced for long print runs by inserting slip sheets to facilitate sorting, add covers and program printing.



The energy-efficient printing process offers smooth, economical operation. Unlike toner-based printers, ComColor FW5000 employs an imaging process that eliminates ozone and toner emissions.

More energy-saving functions

Power schedule mode

This function allows you to automatically turn on and off the power of the machine at a specified time. Up to 10 sets of combinations of start or end time and day of the week can be registered. Never worry about forgetting to turn the printer off after working hours or over the weekend.

Sleep mode

Set when the printer enters sleep mode after the last print job to further decrease power consumption. This mode keeps power consumption to a miniscule 4W, further enhancing savings on electricity bills.

ECO-PROVEN PERFORMANCE WORLDWIDE

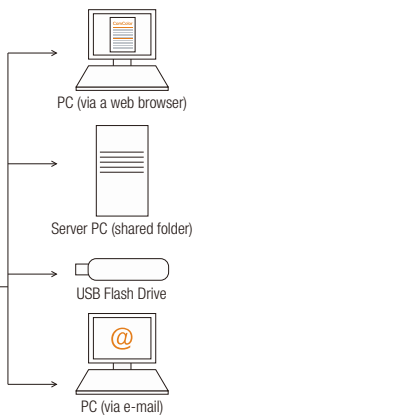
ComColor's acquisition of and compliance with various environmental labels and directives from around the world are your assurance of the green performance. The following labels and directives apply to the ComColor FW series.

BLUE ANGEL
The Blue Angel is the German government's label for environmentally friendly products and services. As the first environmental label worldwide, it has stood for independence and credibility for over 35 years as an eco-label you can trust. (ComColor FW5000 has acquired the Blue Angel in Germany.)

ENERGY STAR® Program
An international program that promotes energy saving in office machines. The program sets standards in terms of the power consumption of office machines in each of the operation, sleep and OFF modes*.

* Varies according to region.

EPEAT
The definitive global rating system in the United States for greener electronics. EPEAT (Electronic Product Environmental Assessment Tool) combines comprehensive criteria with ongoing independent verification of manufacturer claims, across the broadest range of products and sectors. (ComColor FW5000 is EPEAT Silver rating registered in the United States.)



Us

A close-up photograph of a white HP printer. A document with a blue header and text is being scanned by the device. The printer has a sleek, modern design with a flatbed scanner on top.

Optional accessories to customize your workflow

Face Down Finisher F10

Applicable Paper Size
Without offset
 Maximum: 340 mm x 550 mm (13 3/8" x 21 5/8")
 Minimum: 90 mm x 148 mm (3 9/16" x 5 27/32")
Offset output
 Regular sized paper width: 182 mm x 257 mm - 297 mm x 431.8 mm (7 3/16" x 10 1/8" - 11 11/16" x 17")
 Irregular sized paper width: 131 mm x 148 mm - 305 mm x 550 mm (6 3/8" x 5 27/32" - 12" x 21 5/8")
Paper Weight 46 gsm to 210 gsm (12-lb bond to 56-lb bond)
Tray Capacity Height up to 108 mm (4 1/4")
Maximum Number of Sheets for Staples
 50 sheets* A4, B5 (JIS), Letter
 25 sheets* A3, B4 (JIS), Ledger, Legal, Foolscap
Paper Weight for Staple 52 gsm to 210 gsm (14-lb bond to 56-lb bond)
Staple Position
 1 at front side (angle stapling)
 1 at rear side (angle stapling)
 2 at center (parallel stapling)
Paper Consumption Max. 100 W
Print Speed (long-edge feed, simplex)
Without offset 120 ppm
Offset output 105 ppm



— Scanner HS7000

Copy Functions	
Writing Resolution	Standard: 300 dpi x 300 dpi Fine: 300 dpi x 600 dpi
Copy Paper Size	Maximum: 303 mm x 432 mm (11 15/16" x 17")
First Copy Time	Monochrome/Color: 7 sec or less ^{a2}
Copying Speed	70 ppm (Simplex/Duplex) ^{a3}

- *1 80 gsm (21-lb bond) or less
- *2 When copying A4/Letter long-edge feed, using Color Priority Mode
- *3 When copying A4/Letter long-edge feed, using Auto Document Feeder
- *4 RISO KAGAKU standard original, A4/Letter long-edge feed, 300 dpi, JPEG or PDF, when stored to main unit hard drive, using Auto Document Feeder

Multifunction Finisher FG10

Stapling	Stapling options include: One corner staple or two staples for up to 100 sheets* of paper.
Punching	Holes can be punched through documents. Choose two or three holes in the U.S., or two/four holes elsewhere.
Folding	Various automatic folding options are available [inward; outward; for A3/ledger-to-A4 letter; sheet fold; front reductions; and two-fold for up to five sheets making a 20-page booklet].
Booklet making	Automatic saddle stitch stapling at up to 60 pages (15 sheets).
* When using plain paper or recycled paper (35 gsm (23-lb bond) for A4, Letter, and B5	



Folder Unit FG10

*1 Does not support tri-fold or Z-fold for multi-page documents.
*2 When using an application that supports mixed-size printing. Supports Ledger/Letter-size, A3/A4-size, and B4/B5-size combinations.



RISO Auto-Control Stacking Tray II

Paper Size
Maximum: 320 mm x 432 mm (12 9/16"x17")
Minimum: 90 mm x 148 mm (3 15/16"x5 13/16")
Tray Capacity* 1,000 sheets



Wide Stacking Tray

* When using plain paper or recycled paper (85 gsm (23-lb bond))



PS Kit FG10

PDL* PostScript Level3 (CPSL:3019), PCL 5c, PCL 6 (PCL XL), TIFF (6.0)
Installed Fonts PS: 136 Roman fonts PCL: 88 Roman fonts
 * Page Description Language

IC Card Authentication Kit II

Consumables

ComColor FW Ink Cartridges

Colors: Black Cyan Magenta Yellow



Dimensions

