ComColor FT EII

5430/5230/5000

Ultra High-Speed
Full-Color Inkjet Printers

HIGH BUSINESS VALUE
LOW ENVIRONMENTAL IMPACT

Redefining productivity through sustainable innovation.

RISO has long upheld a commitment to minimizing environmental impact throughout the product lifecycle. Building on that foundation, we've now added user-focused features that improve operability, simplify maintenance, and reduce workplace stress. While preserving core strengths like time efficiency, cost performance, and high quality, the product now offers an even more comfortable user experience.

Low Environmental Impact

Low energy consumption

- Operates on standard power
- Does not generate heat like toner printers

360w (During printing)

Virtually no harmful emissions

- Low volumes of VOCs*
- No toner particle emissions

Generates no ozone

Low resource consumption

- High-durability design means few replacement parts
- Inkjet printers do not require consumables (drum, fuser unit, etc.) like toner printers

Less waste

Low TEC** value : 1.41 kWh/week

- Low energy consumption even during continuous high-speed printing
- Energy efficiency vastly superior to other printers operating at same speed

0.115 Wh/sheet

High Business Value

High speed, high productivity

- First print time of less than 5 seconds
- 1,000 sheets in only 7 minutes

140ppm (A4LEF)

High reliability

- Simple inkjet mechanism is durable and requires few replacement parts
- Low maintenance

Less down time

High usability

- Intuitively designed user interface
- 90-degree tilt panel for easy viewing

Simple Operation

Improved convenience

- Scan to Cloud

Integration with Your Existing Environment

Environmental Labels and Regulations

BLUE ANGEL
German government-operated certification awarded to products and services meeting stringent requirements for sustainable consumption.

ENERGY STAR®
US-based voluntary program promoting energy efficiency. Strict energy-saving criteria must be satisfied to earn certification.

EPEAT Gold
EPEAT is a US-based rating system. EPEAT Gold is the highest of three levels of sustainable performance.

REACH REGULATION
Registration, Evaluation, Authorisation and Restriction of Chemical Substances (REACH) is an European Community regulation on chemicals and their safe use.

ErP DIRECTIVE
European Community's directive that requires eco design be employed for energy-related products.

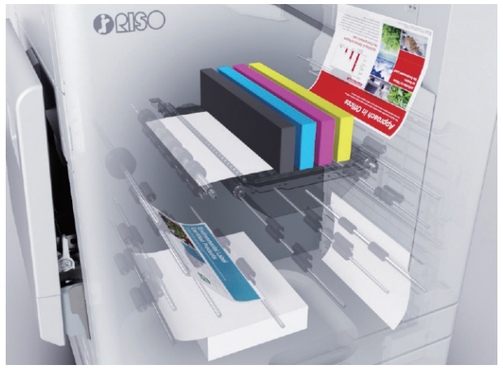
RoHS DIRECTIVE
European Union directive on the restriction of the use of certain hazardous substances in electrical and electronic equipment.

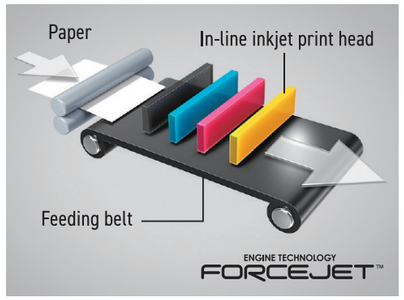
*VOCs: Volatile organic compounds.
**TEC value: Typical Electricity Consumption. This value represents electricity consumed in one week, and is based on the international ENERGY STAR standard. The TEC value is the value published on the ENERGY STAR website.
Values on these pages are specifications of the ComColor FT5430 EII

Lower and Higher

Heatless printing process

At the core of the ComColor FT EII Series is RISO's proprietary technology. Our unique heat-free inkjet process utilizes in-line Piezo print heads to achieve single-pass, full-color printing without generating heat. This distinctive approach eliminates heat-related wear and tear, ensuring exceptional reliability, a longer device lifespan, and significantly lower energy consumption. It guarantees sustained high performance and consistent quality in any environment.





Reduces energy, emissions

RISO inkjet printers do not generate heat during printing, do not they generate ozone like toner printers.

Increases speed, efficiency

Oil-based ink is fast drying so paper doesn't curl, allowing you to move quickly to post-print processes.

Stationary print heads

Stationary print heads make possible stable, high-quality printing even at high speeds. And the simple paper feed mechanism enables printing on various types of paper.

Why inkjet?

Inkjet printing is more nature-friendly than laser printing, and still delivers excellent quality when printing in full color. And RISO technologies have also supported the advancement of high-volume industrial printing.

Why oil-based pigment ink?

Our oil-based pigment ink offers superior resistance to fading, water, and bleeding. Its fast-dry-ing nature ensures prints remain clean and smudge-free, facilitating smooth high-speed duplex printing and seamless transition to post-print processes. This ink also prevents paper from rippling, ensuring flat, high-quality output.

Oil-based pigment ink enables flat, cold, dry output.

Water-based inks are prone to deformation such as rippling and curling.

ComColor standard – high color quality

RISO developed its own intelligent color profile to maximize color reproduction and minimize bleeding. ComColor Standard assesses the color data and paper type, and adjusts the volume of ink applied based on the paper's absorption characteristics.

High cost efficiency

- Proprietary ink and color profile development enable high quality at low running cost
- Short printing time means reduced labor and electricity costs

Low running cost

High image quality

- Piezo drop-on-demand print heads
- Fast-drying oil-based ink for minimal bleeding and smearing
- High black density improves visibility

Visibility and color reproduction

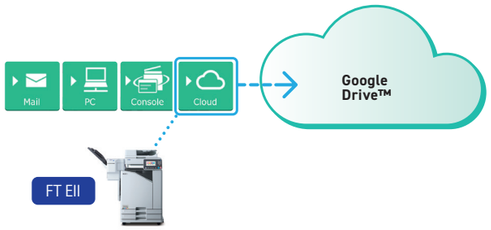
High media flexibility

- 46gsm-210gsm

Lightweight to heavyweight paper, as well as envelopes

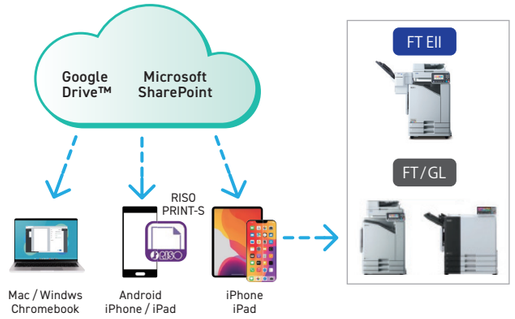
Scan to Cloud

You can save scanned data directly to a cloud service. By scanning a QR code from the printer's operation panel to access the cloud service, you can digitize and save your scanned paper documents.



Print from Windows®, macOS, Linux®, iOS, iPadOS, Android™, and Chromebook™

From Windows PCs, Macs, and Chromebooks, to the smartphones and tablets you use every day. Without being restricted by OS or device type, everyone can directly access ComColor's high-speed, high-quality printing from their own device. A single ComColor printer flexibly meets the needs of today's diverse workstyles and educational environments.



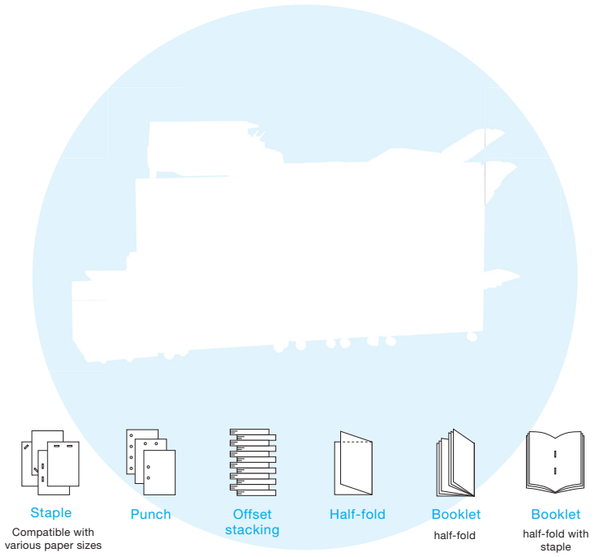
Advanced Security Features for Administrators

To align with your organization's security policy, you can individually disable unused communication protocols. This reduces the risk of unauthorized access by intentionally blocking unnecessary communication paths. Furthermore, digital certificates for secure communication can also be managed in detail for each protocol. This prevents eavesdropping and tampering over the network and protects sensitive document data.

Richer and Fuller

The ComColor FT EII Series offers a complete printing solution, delivering industry-leading environmental friendliness, high productivity, and excellent cost-effectiveness. Productivity and convenience can be further enhanced by attaching a wide range of optional accessories. These printers are ideal high-speed, full-color solutions for operations of any scale, from small offices to large in-plant facilities. In-plant facilities, for instance, are often tasked with meeting the diverse needs of multiple departments. The ComColor FT EII Series excels in these environments, offering blazing speed, vibrant color reproduction, and sophisticated finishing options to satisfy the demands of any enterprise.

FT Series optional



Multifunction Finisher

With its intelligent design and automatic execution, the Multifunction Finisher makes finishing processes such as stapling, punching, folding, and booklet making easier and more efficient than ever before.

Staple
Compatible with various paper sizes

Punch

Offset stacking

Half-fold

Booklet
half-fold

Booklet
half-fold with staple

When folder unit attached

Z-fold

Z-fold mixed

Inward tri-fold

Outward tri-fold

High processing speed

- Keeps pace with FT EII Series high printing speed

140 ppm* (A4LEF)

Low power consumption

- High productivity, high efficiency
- Only uses 280W (without Folder Unit)

640W* in combination with FT main unit

*When attached to the ComColor FT5430 EII

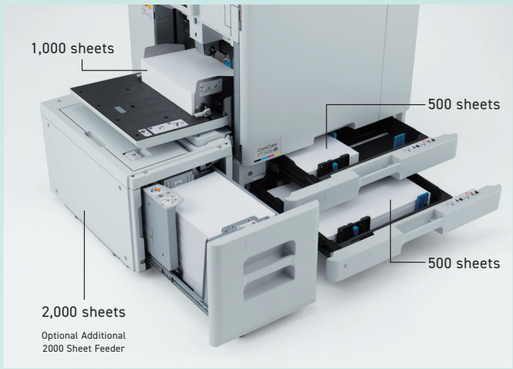
Stacking Trays

It can be conveniently used as a stacking tray for high-volume printing and for items such as envelopes. The Auto-Control Stacking Tray automatically adjusts its fence position to match the selected paper size, with a stacking capacity of up to 1,000 sheets.

RISO Auto-Control Stacking Tray II

Additional 2000 Sheet Feeder FG20

The ComColor FT EII main unit itself is capable of continuous paper feeding for up to 2,000 sheets. For even higher productivity, connecting the optional Additional 2000 Sheet Feeder increases the maximum capacity to 4,000 sheets. This reduces the frequency of paper replenishment and allows for continuous printing without stopping the output.



Face Down Finisher II F10

The optional Face Down Finisher II is compatible with high-speed printing at 140 ppm, has a stacking capacity of up to 1,000 sheets, and is also capable of offset stacking. Additionally, you can choose from three stapling functions to suit your needs: automatic stapling, automatic mixed-size stapling, and manual staple-free stapling.

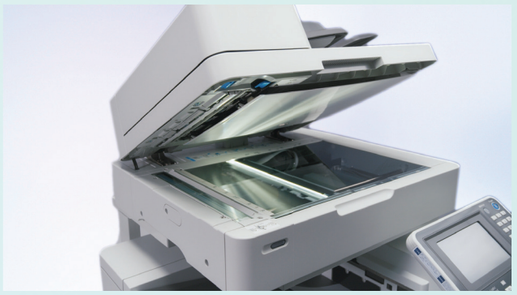
Automatic stapling.
Staples up to 50 sheets.

Manual staple-free stapling.
Binds up to 10 sheets by crimping the paper.

High-speed HS7000 Scanner

- Scan sizes up to A3
- Simultaneous duplex scanning
- Compatible with various file formats (PDF, PDF/A, TIFF, JPEG)

100 ppm(A4LEF)



ComColorExpress RS1200C

RIP software for ComColor FT EII Series printers that supports the functions and workflows essential for variable data printing, bringing high productivity to every business environment.

ComColor FT EII Series Optional Accessory Specifications

Scanner HS7000	Maximum Scanning Area		When using platen glass: 303 mm × 432 mm When using ADF: 295 mm × 430 mm
	Copy Functions	Writing Resolution	Standard: 300 dpi × 300 dpi Fine: 300 dpi × 600 dpi
		Copy Paper Size	Maximum: 303 mm × 432 mm
		First Copy Time	7 sec. or less (when copying A4-LEF orientation using Color Priority Mode)
		Copying Speed	80 ppm or higher (Simplex/Duplex copying A4-LEF, using ADF)
		Reproduction Size	50% to 200% (Copy mode)
	Auto Document Feeder	Original Size	Maximum: 297 mm × 432 mm Minimum: 100 mm × 148 mm
		Paper Weight	52 gsm to 128 gsm
		Original Capacity	Max. 200 sheets (80 gsm) or up to 25 mm stacking height (any size)
	Scan Functions	Scanning Resolution	600 dpi, 400 dpi, 300 dpi, 200 dpi
		Scanning Speed	100 ppm (A4-LEF, 300 dpi)
		Network Interface	Ethernet 1000BASE-T/100BASE-TX/10BASE-T
		Data-saving Method	Save data to the main unit hard drive, a server, a USB flash drive, or a cloud service—or send it directly by e-mail
		Data-saving Format	Monochrome: TIFF, PDF, PDF/A Grayscale/Full Color: TIFF, JPEG, PDF, PDF/A
	Power Source		AC 100 V - 240 V, 1.2 A - 0.6 A, 50 Hz - 60 Hz
	Power Consumption		Max. 100 W
	Dimensions (W × D × H)		640 mm× 560 mm× 255 mm
	Weight		Approx. 25 kg
Additional 2000 Sheet Feeder FG20	Applicable Paper Size		A4-LEF, B5 (JIS)-LEF
	Paper Weight		52 gsm to 104 gsm
	Tray Capacity		Max. Stacking Height: 220 mm
	Power Source		Power supplied from the main unit
	Dimensions (W × D × H)		415 mm × 600 mm × 390 mm
	Weight		Approx. 29 kg
Face Down Finisher II F10	Applicable Paper Size	Without Offset	Maximum: 340 mm × 550 mm Minimum: 90 mm × 148 mm
		Offset Output	Regular sized paper width: 182 mm × 257 mm - 297 mm × 431.8 mm Irregular sized paper width: 131 mm × 148 mm - 305 mm × 550 mm
	Paper Weight		46 gsm to 210 gsm
	Tray Capacity		Max. Stacking Height: 108 mm
	Maximum Number of Sheets for Stapling		50 sheets (85 gsm): A4, A4-LEF, B5 (JIS), B5 (JIS)-LEF 25 sheets (85 gsm): A3, B4 (JIS)
	Paper Size for Stapling		A3, JIS-B4, A4, A4-LEF, JIS-B5, JIS-B5-LEF
	Paper Weight for Stapling		52 gsm to 210 gsm
	Staple Position		1 at front side (angle stapling), 1 at rear side (angle stapling), 2 at center (parallel stapling)
	Staple-Free Stapling Capacity*1		52-64 gsm: Up to 10 sheets 64-81.4 gsm: Up to 8 sheets 81.4-105 gsm: Up to 6 sheets
	Power Source / Power Consumption		AC 100-240 V, 1.1-0.5 A, 50-60 Hz / Max. 100 W
	Dimensions (W × D × H)		635 mm × 775 mm × 580 mm
	Weight		Approx. 37 kg
Multifunction Finisher FG20	Applicable Paper Size	Top Tray	Maximum: 330 mm × 488 mm (Duplex: 460 mm) Minimum: 100 mm × 148 mm
		Stacking Tray	Maximum: 330 mm × 488 mm (Duplex: 460 mm) Minimum: 148 mm × 148 mm
		Stapling	Maximum: 297 mm × 432 mm Minimum: 182 mm × 148 mm
		Booklet Tray	Maximum: 330 mm × 460 mm Minimum: 182 mm × 257 mm
	Paper Weight	Top Tray / Stacking Tray	52 gsm to 210 gsm
		Booklet Tray	60 gsm to 90 gsm Cover pages: 90 gsm to 210 gsm
	Stapling	Maximum Number of Sheets	100 sheets (85 gsm)
		Staple Position	1 at front side (angle stapling, parallel stapling), 1 at rear side (angle stapling, parallel stapling), 2 at center (parallel stapling)
	Punching	Number of Punches	2 holes, 4 holes
		Paper Size	2 holes: A3, B4 (JIS), A4-LEF, A4, B5 (JIS)-LEF 4 holes: A3, A4-LEF
		Paper Weight	52 gsm to 210 gsm
	Creating a Booklet	Maximum Number of Sheets	With saddle stitch: 20 sheets (85 gsm) 80 pages Without saddle stitch: 5 sheets (85 gsm) 20 pages
	Power Source		AC 100-240 V, 50-60 Hz, 2.8-1.5 A (3.5-1.9 A with Folder Unit)
	Power Consumption		Max. 280 W (350 W with Folder Unit)
	Dimensions (W × D × H)		1,205 mm (1,440 mm with Folder Unit [235 mm]) × 735 mm× 1,215 mm
	Weight		Approx. 146 kg (198 kg with Folder Unit [52 kg])
ComColorExpress RS1200C	Page Description Language		PostScript 3, PDF (1.7), PCL 5c, PCL 6 (PCL XL), TIFF (6.0), PPML (2.1)
	Applicable Protocol		TCP/IP, HTTP, HTTPS(TLS1.2), DHCP, FTP, SMBv3, NetBIOS, LPR, IPP, Port 9100(RAW port), IPv4, IPv6, IPSec (IKEv1)
	Installed Fonts		PS: 138 fonts PCL: 80 fonts
PS Kit FG10	Page Description Language		PostScript 3, PDF (1.7), PCL 5c, PCL 6 (PCL XL), TIFF (6.0)
	Applicable Protocol		TCP/IP, HTTP, HTTPS (TLS), DHCP, FTP, LPR, IPP, SNMP (SNMPv1), Port 9100 (RAW port), IPv4, IPv6, IPSec (IKEv1)
	Installed Fonts		PS: 136 Roman fonts and 2 Japanese fonts PCL: 88 Roman fonts
RISO Auto-Control Stacking Tray	Paper Size		Maximum: 320 mm × 432 mm Minimum: 90 mm × 148 mm
	Tray Capacity		1,000 sheets (85 gsm)

*1 The paper in the stack must be of the same paper type and have the same grain direction.
Depending on the paper quality and brand, the above specifications may not be met.
If there is printing on the staple position, the fastening force may be weak.

Specifications are subject to change without notice.

ComColor FT EII Ink Cartridges

Colors: Black, Cyan, Magenta, Yellow

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