

# ComColor FT 5230

Ultra High-Speed  
Full-Color Inkjet Printers



## ULTRA-FAST

full-color printing



A feature-rich lineup for  
**NATURE-FRIENDLY**

### Full-color printing



Print speed  
120 ppm



Print size  
A3



CMYK  
Full color



3 trays



Low energy  
consumption



Environmental  
certification

# Where environmental friendliness

## Cleaner and Friendlier

RISO's environmental ethos is—and always has been—to design and develop products that exert the smallest possible impact on the environment throughout their lifecycles.

### Low energy consumption

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

**290w** (During printing)

### Virtually no harmful emissions

- Low volumes of VOCs\*
- No toner particle emissions

Generates virtually  
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

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

**1.62kWh/week**

\*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.

## Richer and Fuller

### High-speed HS7000 Scanner

- 100ppm (A4 LEF)
- Scan sizes up to A3
- Simultaneous duplex scanning
- Compatible with various file formats (PDF, PDF/A, TIFF, JPEG)

### Face Down Finisher

- ComColor finisher exclusively for offset stacking and stapling finished prints

### Additional Sheet Feeder

- 2,000-sheet capacity
- Paper is replenishable even during printing
- Easy access and loading



# and productivity unite.

## Smarter and Faster

Enjoy enhanced time efficiency, optimized TCO, and consistently high quality that only RISO can deliver.

### 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 downtime**

### High usability

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

**Simple operation**

## Lower and Higher

### 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
- New, higher black density improves visibility
- Resolution of 600dpi

**Enhanced visibility**

### High media flexibility

- 46gsm-400gsm  
(when optional accessories attached)

**Lightweight to heavyweight paper,  
as well as envelopes**



### Multifunction Finisher

- High processing speed : 140ppm
- Low power consumption : 520W  
(when attached to the ComColor FT1430  
without Folder Unit)
- Stapling, punching, folding, stacking, and  
booklet making.

### Postscript RIP for higher productivity

- Compatible with transactional printing
  - Queue settings
  - Tray selection per page
  - Form overlay

## ComColor FT 5230 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)		
Data Processing Resolution	Standard: 300 dpi × 300 dpi Fine: 600 dpi × 600 dpi Line smoothing: 600 dpi × 600 dpi		
Warm-up Time	2 min. 30 sec. or less (at room temperature of 23°C)		
First Print Time *1	5 sec. or less (A4 Long-edge Feed)		
Continuous Print Speed *2	A4 Long-edge Feed	Simplex: 120 ppm	Duplex: 60 sheets/minute (120 ppm)
	A4	Simplex: 90 ppm	Duplex: 45 sheets/minute (90 ppm)
	B4 (JIS)	Simplex: 76 ppm	Duplex: 34 sheets/minute (68 ppm)
	A3	Simplex: 66 ppm	Duplex: 32 sheets/minute (64 ppm)
Paper Size	Standard Tray	Maximum: 340 mm × 550 mm *3	Minimum: 90 mm × 148 mm
	Feed Tray	Maximum: 297 mm × 432 mm	Minimum: 182 mm × 182 mm
Printable Area	Maximum: 310 mm × 544 mm		
Guaranteed Print Area *4	Standard: Margin width of 5 mm      Maximum: Margin width of 3 mm		
Paper Weight	Standard Tray	Simplex: 46 gsm to 210 gsm *5	Duplex: 46 gsm to 210 gsm *5 for A4/46 gsm to 104 gsm for A3, B4 (JIS)
	Feed Tray	Simplex/Duplex: 52 gsm to 104 gsm	
Paper Tray Capacity	Standard Tray	Height up to 110 mm	
	Feed Tray	Height up to 56 mm (2 trays)	
Output Tray Capacity	Height up to 56 mm		
Page Description Language	RISORINC/C IV		
Supported Protocols	TCP/IP, HTTP, HTTPs (TLS), DHCP, FTP, LPR, IPP, SNMP (SNMP v1), Port 9100 (RAW port), IPv4, IPv6, IPsec (IKEv1)		
Supported Operating Systems	Standard	Microsoft®: Windows®, Windows Server® *6	
	Optional *7	Mac: macOS *6      Linux®: Compatible with PPD only	
Network Interface	Ethernet 1000BASE-T/100BASE-TX/10BASE-T×2 Channel		
Memory Capacity	4 GB		
Hard Disk *8	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. 1,000 W Ready *9: 95 W or less Sleep *10: 2 W or less Stand-by: 0.4 W or less		
Operating Noise	62 dB (A) or less at printing		
Operating Environment	Temperature: 15°C to 30°C Humidity: 40% to 70% RH (non-condensing)		
Dimensions (W x D x H)	In use: 1,030 mm × 735 mm × 1,115 mm With cover and tray closed: 775 mm × 710 mm × 970 mm		
Weight	Approx. 136 kg		
Dimensions When Operating (W x D x H)	With the front cover open and the operation panel in the upright position: 1,185 mm × 1,225 mm × 1,115 mm		
Accessories	Scanner HS7000, Additional 2000 Sheet Feeder FG20, Face Down Finisher F10, Multifunction Finisher FG20/Folder Unit FG20, Auto-Control Stacking Tray II, Wide Stacking Tray, ComColorExpress RS1200C, PS Kit FG10, IC Card Authentication Kit II, Envelope Feed Kit, Card Feed Kit		

Specifications are subject to change without notice.

\*1 Within 10 minutes after the last print job.

\*2 When using plain paper and recycled paper (85 gsm), and standard density setting. Chart used: Print measurement pattern [Color measurement sample 2 (JEITA standard pattern J6)].

The continuous print speed varies depending on the type of optional output equipment connected.

Face Down Finisher: Without offset: 120 sheets/minute (A4-LEF Simplex), Offset output: 105 sheets/minute (A4-LEF Simplex).

\*3 When using duplex print: 340 mm × 460 mm.

\*4 The guaranteed area when printing images is the area enclosed within 5 mm of the edges of the paper. The margin when printing envelopes is 10 mm.

\*5 Duplex printing is not guaranteed with thick paper the weight of which is greater than 104 gsm.

\*6 For the OS version, please refer to the RISO Website or contact your local sales representative.

\*7 Optional PS Kit FG10 or ComColor Express RS1200C is required.

\*8 One gigabyte (GB) is calculated as 1 billion bytes.

\*9 Without printing and temperature adjustment operation.

\*10 When setting [Power Consumption (in sleep)] to [Low].



### ComColor FT Ink Cartridges

Colors: Black, Cyan, Magenta, Yellow

### Environmental Certifications



RISO, and ComColor are trademarks or registered trademarks of RISO KAGAKU CORPORATION. Mac and macOS are trademarks of Apple Inc. Microsoft, Windows, and Windows Server are either registered trademarks or trademarks of Microsoft Corporation in the United States and/or other countries. Linux® is the registered trademark of Linus Torvalds in the U.S. and other countries. Other corporate names and/or trademarks are either registered trademarks or trademarks of each company, respectively.



**RISO KAGAKU CORPORATION**  
5-34-7 Shiba, Minato-ku, Tokyo 108-8385 Japan  
<https://www.riso.com/>