ComColor black
FW1230

High Speed Color Inkjet Printer

A3

120 ppm

Multiple Paper Trays

FW 1230

High productivity for any workplace.

The power of inkjet. Ultimate speed and efficiency.

Inkjet printers require no heat when printing unlike laser printers. ComColor black FW1230 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.

Ultra high-speed printing at 120 ppm

The amazingly fast print speed of 120 ppm in black and white allows ComColor black FW1230 to significantly quicken high-volume print jobs.

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

ComColor black FW 1230	**Approx. 8 minutes**
Typical office laser printer	25 minutes*

*At 40 ppm

Duplex printing shares this efficiency, reaching up to 120 ppm. Thanks to high-precision paper-feed control, ComColor black FW1230 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 black FW1230 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

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 black FW1230 is tough enough to print millions of sheets.

Useful scanner functions

The optional Scanner HS7000 can save scanned data over the network to a PC, as an attachment to e-mail, or onto a hard disk of a networked RISO machine. Multi-page documents can be saved in PDF format as either separate files or combined into one file. Documents can be saved as PDF, TIFF, JPEG or PDF/A (suitable for long-term storage) formats.
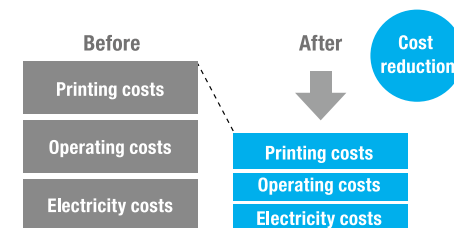
Superb efficiency for high volume printing.

Low-cost black and white 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. ComColor black FW1230 can handle a variety of tasks, including copying, printing and post-processing. This improves productivity while keeping costs down.

Before

| Printing costs |
| Operating costs |
| Electricity costs |

After

| Printing costs |
| Operating costs |
| Electricity costs |

Cost reduction

On-demand printing

White paper solution decreases waste, as it allows printing on-demand as and when required. ComColor black FW1230 also supports variable-data printing, eliminating the need for pre-printed stock. You can also add sequential numbers and barcodes. The fast print speed lets you make last-minute changes and print high-volume jobs within tight schedules. Furthermore, less reliance on outsourcing shortens turnaround time and gives you more control over document production.
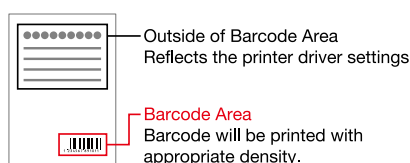
Intelligent design for flexibility and efficiency

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. This feature also ensures smooth pre- and post-processing. Production times for long print runs can be reduced by inserting slip sheets to facilitate sorting, adding covers and performing program printing.

RISO's Barcode Area Definition application automatically detects barcodes. Print density for barcode areas can be easily and quickly adjusted for optimal readability.

The energy-efficient printing process offers smooth, economical operation. Unlike toner-based printers, ComColor black FW1230 employs an imaging process that eliminates ozone and toner emissions.

Outside of Barcode Area
Reflects the printer driver settings

Barcode Area
Barcode will be printed with appropriate density.

Designed for simple operation

An easy-to-view touch panel with instantly recognizable color icons makes printer operation simple for anyone. The tilt panel ensures excellent viewing at any angle up to 90 degrees, expanding installation flexibility. Scan preview windows show scanned images before saving data, ensuring less scan failures. For added convenience when printing and copying, frequently used functions can be saved as Favorites.

Expanded usability

The optional PS kit supports a variety of operating systems, and PDF files can be printed directly from USB flash drives, while RISO Print-S application allows printing from smart devices. ComColor black FW1230 offers reliable support for any work environment.

ComColor black FW1230

PRINTER		
Print Type		Line-type inkjet system
Ink Type		Oil-based pigment ink (Black)
Print Resolution		600 dpi × 600 dpi
Number of Gray Levels		3 gray levels
First Print Time		5 sec. or less
Print Speed	A4	120 ppm
	A3	66 ppm
Paper Size	Standard Tray	Maximum: 340 mm × 550 mm Minimum: 90 mm × 148 mm
	Feed Tray	Maximum: 297 mm × 432 mm Minimum: 182 mm × 182 mm
Printable Area		Maximum: 310 mm × 544 mm
Print Margin		Margin width of 3mm
Paper Weight	Standard Tray	Simplex: 46 gsm to 210 gsm
	Feed Tray	Simplex: 52 gsm to 104 gsm
Paper Tray Capacity	Standard Tray	Height up to 110 mm
	Feed Tray	Height up to 56 mm
Output Tray Capacity		Height up to 56 mm
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	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		500 GB
Power Source		AC 100-240 V, 10.0-5.0 A, 50-60 Hz
Power Consumption		Max. 1,000W
		Sleep : 4W or less Stand-by: 0.5W or less
Operating Noise		Max. 65 dB (A)
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. 132 kg (292 lb)
Required Space (W × D × H)		1,305 mm × 1,215 mm × 1,115 mm (51 13/32" × 47 27/32" × 43 29/32")
Postscript Kit FG10		
PDL		Postscript Level 3, PCL 5c, PCL 6 (PCL XL)
Features:		Tray Selection, Color Profile, Form Overlay, Mobile Print
Scanner HS7000		
Scanner Type		Dual CCD with ADF
Original Capacity		200 sheets
Scan Speed		100 ppm
Scan Resolution		Up to 600 dpi
Optional Accessories Face Down Finisher F10		
Finishing Functions		Standard stacking, Offset stacking, staple
Tray Capacity		108mm
Stapling Position		1 Front/1 Rear/2 Side
Stapling Capacity		50 sheets
Optional Accessories Multifunction Finisher FG10		
Finishing Functions		Standard stacking, Offset stacking, staple, punch, booklet staple and fold
Stapling Position		1 Front/1 Rear/2 Side/Saddle
Staple Type		Riso HC Staple 100/ Riso HC Staple Booklet
Stapling Capacity		100 sheets (Side)/ 15 sheets (Saddle)
Punching		2/4 hole
Folding		C Fold/Booklet Fold
Optional Accessories Folder FG10		
Features		A4 Trifold, Mixed Size Z Fold

The Specifications are subject to change without prior notice

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