Printers for Endless Possibilities

ComColor GD9630
160 ppm/High-speed Inkjet Production Printer
Large-capacity Trays
By loading the same-size paper into three feed trays and one standard tray, over 2,500 sheets*2 can be fed into the printer, and paper can be replenished without halting the print job. Various sizes of paper can also be loaded.

A3 full-size Printing
The ComColor GD series accommodates paper sizes ranging up to 340 mm x 550 mm*3. The maximum print area exceeds A3/Ledger size, at 314 mm x 548 mm.

Cards, Envelopes and other Paper Types
Inkjet printers require no heat when printing, which prevents paper curling and reduces paper jams. Smooth feeding of cards, envelopes and more is possible using the standard tray.

High-volume Ink Cartridges
Each high-volume colour ink cartridge holds 1,000 ml of ink. One cartridge can be relied upon for printing a large quantity of copies without requiring replacement.

*1 A4 long-edge feed, simplex, continuous printing in standard density setting, based on office colour printers using cut sheet commercially available as of February 2016 (Source: RISO data).
*2 When using plain paper or recycled paper (85 gsm (23-lb bond)).
*3 When the standard tray is used.

The FORCEJET Advantage
RISO’s high-speed inkjet technology, FORCEJET, consists of wide, colour, in-line inkjet print heads arranged in parallel for single-pass printing of black, cyan, magenta, yellow and grey on A3/Ledger short-edge feed paper. Fast printing functionality combined with a rapid and stable paper supply results in a print speed of 160 pages per minute for A4 long-edge feed, in simplex literally the fastest*1 in the world.

Stabilised Paper Feed
A straight-path feeding system feeds paper horizontally to enable high-speed printing with minimal print offset. FORCEJET technology ensures optimal paper feed speed that is matched to the amount of ink being sprayed from the ink heads.

High-speed Printing Ink
Special quick-drying, oil-based pigment ink developed exclusively for the ComColor GD series prevents reverse-side staining of printed paper as well as cockling, to allow for unprecedented high-speed duplex inkjet printing. The ink is also resistant to degradation from light and water.

Transform Your Printing
Engineered to empower your business with high volume, reliable and quality output.

Designed for Speed, Stability and High-volume Production Print Jobs

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Small Footprint, Big Output
The ComColor GD series, which features a small footprint that makes it the ideal choice for all types of work environments, ensures high levels of productivity. Exceptional reliability in the face of consistent high-volume print jobs meets the specified demands of production and transactional printing industries. Newly-developed diamond-coated rollers supported by ball bearings, as well as other redesigned components, improve durability over the lifespan of the printer.

Higher Productivity, Higher Quality
Regardless of the number and types of images or volume of text, full-colour images remain true to the original. For text-intensive documents, words remain crisp and easy to read.

Super High-speed Printing
Single-pass full-colour printing of up to 160 A4 long-edge feed colour pages per minute with fast-drying oil-based pigment ink is possible through a unique print engine configured with static inline inkjet heads arranged in parallel. Transactional prints, transpromotional materials, invoices, and other routine business documents are also fast.

Controlled Quality Output
High-precision paper-feed control enables printing at the same speed for both simplex and duplex documents to boost productivity. The responsive first print time of only five seconds means less waiting for high-volume print jobs.

Number of prints in five minutes
- GD 800 prints
- 800 A4/letter-size, long-edge feed, simplex

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Record-breaking Speeds at 160 ppm, Literally the Fastest in the Industry

Built from the Ground up for the Demands of High-volume Printing

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Enriched Colour Images
Newly-developed magenta ink significantly improves full-colour image quality by expanding the colour gamut.

Optimized Gradations
The fifth colour, grey ink in combination with black ink, is applied for higher quality gradations, which contributes to denser blacks, suppression of roughness, and improved colour reproduction and stability.

Denser Blacks
Use of a special grey ink in combination with black ink diminishes light reflection on the paper to result in a denser black saturation.

Smooth Tones
For colour printing, application of the grey ink in addition to CMYK inks reduces graininess for smoother results.

Improved Colour Reproduction
For colour printing, application of the grey ink in addition to CMYK inks results in more stabilised greys, reducing the instability of dot alignment.

Consistent Output Quality
The ComColor GD series offers higher image quality and consistent printing results through RISO inkjet technology that features a Piezo system, which ensures stable output by controlling and regulating the amount of ink deposited on the paper.

Best Black Density
A newly-developed 600 dpi print head for black with special black ink supported by grey as a fifth ink delivers top quality, 10% higher black density than ever.

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Built-in Quality and Flexibility, and Enhanced Colour Reproduction Features

Engineered to Reduce Costs
The ComColor GD series is engineered with features that ensure stable output quality for consistent printing results at high speed, including a Piezo system that regulates ink amount. Black image quality has been improved by installing a newly-developed print head and black ink. Additional inks enrich the look of images and enhance overall colour quality.

This unique RISO technology and approach to the printing process brings the added benefits of a low total cost of ownership when compared with toner technology, and greater control over cost management. It also enables practical migration away from simply high highlight colour or mono production to a cut sheet white paper solution. This provides genuine added value, as it eliminates the need to hold large volumes of pre-printed stock and opens up possibilities for a leap forward in colour printing.

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During the step after printing, the High Capacity Stacker can be set to stack face up or face down. The sets are stacked so that they are offset. This option allows stacking of larger output volumes with reduced user intervention. Convenient removal and transport of the printed output is possible using the High Capacity Stacker Cart.

The High Capacity Feeder and High Capacity Stacker step up the printing capacity of the ComColor GD series to 4,000 sheets* without replenishing the paper. A wider range of print jobs is possible through thicker paper and envelopes, as well as A3/Ledger-size paper.

* Height up to 440 mm (17-11/32")

With use of multiple trays, the High Capacity Feeder allows 5,500 sheets of paper to be loaded for continuous feeding. Maximize the benefits of high-speed printing with uninterrupted, high-volume print runs without pausing to reload paper.

ComColorExpress FS2000C

FS2000C, an EFI™ Fiery® server for RISO ComColor GD series, helps improve operation and the management of print jobs, files and media. The Fiery Command WorkStation® is an intuitive way for users to manage all Fiery® Driven™ printers locally or remotely.

ComColor Accessories

IPDS Controller

World’s First Cut Sheet Inkjet Full Color Native IPDS Solution

The RISO IPDS solution was developed to support the latest architecture specifications published by the AFP Consortium. This enables the user to have constant bi-directional communication - allowing you to know exactly where a given page is in process, even amid a batch of thousands, from start of job until stacked. By limiting the number of human interventions in your print management process, you protect the integrity and confidentiality of your data.

Perfect Binder Software is compatible with Adobe® PDF and Microsoft Office file formats to simplify cover design, including spine printing and print preview functions, for an efficient pre-print process. Book covers are automatically and individually trimmed to size and thickness for a professional wrap-around finish.

Perfect Binder increases productivity by dramatically reducing operator intervention and allowing for production of sixty-two 100-page duplex A4 sized books, printed and bound, in an hour, accommodating varying book thicknesses up to 600 pages, and handling binding from 1.5 mm to 30 mm (approximately 15 to 300 sheets).

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Perfect Binder offers securely bound printed pages by means of a high-pressure gluing process. RISO registration technology assures that pages are in order and aligned when they reach this critical point. Use of the glue roll helps reduce overall power consumption and a reduction in waste compared to traditional hot-glue-pot methods.

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ComColor Express FS2000C

Job management
Fiery Command WorkStation
Device management
Colour management
Variable data management
Preview
Tray alignment
Reader view
Calibration
Spot colour editing

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ComColor Accessories

Multifunction Finisher

A versatile finisher that saves time by automatically stapling, punching holes, and folding.

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Specifications

High Capacity Feeder G10

- Type
- Maximum: 340 mm × 550 mm
- Tray Capacity: 1,000 sheets
- Paper Weight: 52 gsm to 210 gsm
- Paper Size: A4, A4 long-edge feed, B5, B5(JIS) long-edge feed, A5, A5 long-edge feed, B4(JIS), B4 long-edge feed, A3, A3 long-edge feed
- Weight: 12 kg
- Dimensions (W × D × H): 1,000 mm × 700 mm × 960 mm
- Safety Information: IEC60950-1 compliant, Indoor, pollution degree 2, At altitudes of 2,000 m or less

High Capacity Stacker G10

- Type
- Maximum: 340 mm × 550 mm
- Tray Capacity: 1,000 sheets
- Paper Weight: 52 gsm to 210 gsm
- Paper Size: A4, A4 long-edge feed, B5, B5(JIS), A5, A5 long-edge feed, B4(JIS), B4 long-edge feed, A3, A3 long-edge feed
- Weight: 12 kg
- Dimensions (W × D × H): 1,000 mm × 700 mm × 960 mm
- Safety Information: IEC60950-1 compliant, Indoor, pollution degree 2, At altitudes of 2,000 m or less

ComColorExpress FS2000C

- Type
- Maximum: 340 mm × 550 mm
- Paper Weight: 52 gsm to 210 gsm
- Paper Size: A4, A4 long-edge feed, A5, A5 long-edge feed, B5, B5(JIS), B4(JIS), B4 long-edge feed, A3, A3 long-edge feed
- Weight: 12 kg
- Dimensions (W × D × H): 1,290 mm × 675 mm × 1,125 mm
- Safety Information: IEC60950-1 compliant, Indoor, pollution degree 2, At altitudes of 2,000 m or less

PS Kit FG10

When the PS Kit is installed, several functions useful for more efficient use are available, such as Tray Selection Per Page, Profile, and Form Overlay.

Scanner HS7000

- Type
- Maximum: 340 mm × 550 mm
- Paper Weight: 52 gsm to 210 gsm
- Paper Size: A4, A4 long-edge feed, A5, A5 long-edge feed, B5, B5(JIS), B4(JIS), B4 long-edge feed
- Weight: 12 kg
- Dimensions (W × D × H): 1,290 mm × 675 mm × 1,125 mm
- Safety Information: IEC60950-1 compliant, Indoor, pollution degree 2, At altitudes of 2,000 m or less

RISO Auto-Control Stacking Tray II

The paper guides automatically open to the correct width and feed to the exit until they detect the size of the paper. An optional Grand Swivel II (Type FS290) is also available for this tray.

Wide Stacking Tray

- Paper Size: Maximum: 148 mm × 297 mm
- Minimum: 50 mm × 148 mm
- Tray Capacity*: 1,680 sheets

Face Down Finisher G10

- Type
- Maximum: 340 mm × 550 mm
- Paper Weight: 52 gsm to 210 gsm
- Paper Size: A4, A4 long-edge feed, A5, A5 long-edge feed, B5, B5(JIS), B4(JIS), B4 long-edge feed, A3, A3 long-edge feed
- Weight: 12 kg
- Dimensions (W × D × H): 1,290 mm × 675 mm × 1,125 mm
- Safety Information: IEC60950-1 compliant, Indoor, pollution degree 2, At altitudes of 2,000 m or less

ComColor GD 9630
Specifications

Print Type
Line-type inkjet system

Ink Type
Oil-based pigment ink (Cyan, Magenta, Yellow, Black, Gray)

Print Resolution
Standard/High Chronogenic
Black: 600 dpi (main scanning direction) × 600 dpi (sub-scanning direction)
Cyan, Magenta, Yellow: 300 dpi (main scanning direction) × 300 dpi (sub-scanning direction)
Fine
Black: 600 dpi (main scanning direction) × 600 dpi (sub-scanning direction)
Cyan, Magenta, Yellow: 300 dpi (main scanning direction) × 600 dpi (sub-scanning direction)

Number of Gray Levels
Black: 4 gray levels
Cyan, Magenta, Yellow, Gray: 12 gray levels

Warm-up Time
2 min. 30 sec. or less (at room temperature of 23 °C)

First Print Time
7 sec. or less (A4 long-edge feed)

First Copy Time
7 sec. or less (A4 long-edge feed)

Continuous Print Speed
A4 long-edge feed
Simplex: 160 ppm Duplex: 80 sheets/minute (160 ppm)
Letter long-edge feed
Simplex: 160 ppm Duplex: 80 sheets/minute (160 ppm)
A4 short-edge feed
Simplex: 120 ppm Duplex: 60 sheets/minute (120 ppm)
Letter short-edge feed
Simplex: 120 ppm Duplex: 60 sheets/minute (120 ppm)
Legal short-edge feed
Simplex: 104 ppm Duplex: 44 sheets/minute (88 ppm)
A3 short-edge feed
Simplex: 88 ppm Duplex: 42 sheets/minute (84 ppm)
Ledger short-edge feed
Simplex: 86 ppm Duplex: 42 sheets/minute (84 ppm)

Printable Area
Minimum: 182 mm × 182 mm
Maximum: Margin width of 1 mm

Continuous Print Speed
Within 10 minutes after the last print job

First Copy Time
7 sec. or less (A4 long-edge feed)

First Print Time
7 sec. or less (A4 long-edge feed)

Continuous Print Speed
Simplex: 160 ppm Duplex: 80 sheets/minute (160 ppm)

Printable Area
314 mm × 546 mm

Paper Weight
Standard Tray
46 gsm to 210 gsm
Minimum: 90 mm × 148 mm
Maximum: 259 mm × 432 mm
Minimum: 182 mm × 285 mm
Feed Tray
46 gsm to 210 gsm
Minimum: 90 mm × 148 mm
Maximum: 259 mm × 432 mm
Minimum: 182 mm × 285 mm

Operating Environment
Temperature: 15 ºC to 30 ºC
Humidity: 40% to 70% RH (non-condensing)

Power Consumption
Operating: 1,000 W Max.
Ready: 60 W or less
Standy: 4 W or less

Network Interface
Ethernet 1000BASE-T, 100BASE-TX, 10BASE-T (2ch)

Supported Operating Systems
Standard

Optional
Max: 10.8 GB (64-bit), 10.10 (64-bit), 10.10 (64-bit), 10.11 (64-bit)
Linux (compatible with PPD only)

Memory Capacity
4 GB

Hard Disk
500 GB

Available Space
Approx. 430 GB

Operating System
Linux

Safety Information
IEC60950-1 compliant, Indoor, pollution degree 2

Dimensions
Main Unit
[Front] 1,635 mm (64 11/32") [Side] 1,345 mm (52 15/16")[Front] 2,200 mm (86 19/32") [Side] 2,100 mm (83 1/16")
Main Unit with Optional High Capacity Feeder and Stacker
[Front] 1,635 mm (64 11/32") [Side] 1,345 mm (52 15/16")[Front] 2,545 mm (100 3/16") [Side] 2,245 mm (88 1/16")

For more details please contact:
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