Printers for Endless Possibilities

ComColor GD9630
160 ppm/High-speed Inkjet Production Printer
Transform Your Printing
Engineered to empower your business with high volume, reliable and quality output.

The FORCEJET Advantage
RISO’s high-speed inkjet technology, FORCEJET, consists of wide, colour, inline 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 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.

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.
**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 in-line 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.

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

<table>
<thead>
<tr>
<th>Number of prints in five minutes</th>
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<tbody>
<tr>
<td>A4 simplex</td>
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<tr>
<td>A4 duplex</td>
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<tr>
<td>Letter simplex</td>
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**One Tough Machine**

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

Sample image of “Upper Paper Transfer”
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 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 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.

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.

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 on the page.

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

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

Improved Colour Stability
For printing of grey areas, application of the grey ink in addition to CMYK inks enables practical migration away from simply 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.

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

Optical Density
Approximate measurements

Previous ink
ComColor GD
ComColor
ComColor GD
GD 9630
Black
Cyan
Magenta
Violet
Red
Green
Orange
Yellow

New magenta ink
ComColor GD [High Chromogenic] mode

Without grey ink
With grey ink

Light
Inside the paper
Reflected light

ComColor GD inkjet print heads: 300 dpi x 2 lines

3 lines inkjet head for black
2 lines inkjet head for white
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”)

RISO 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 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.

Optimum Versatility with Optional Accessories for Flexible Production

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.

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.

With regard to the stacker, the High Capacity Stacker is accurate to ±0.2 mm (0.008”) and can handle a variety of papers, including A3/Ledger-size paper. The stacker is designed to avoid noise generation and to provide a quiet and comfortable environment for users.

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

ComColor Express 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.

Perfect Binder

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).

30 mm

Multifunction Finisher

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

Eco-proven Performance Worldwide

IPDS Controller

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.

ComColor GD 8620
**ComColor Express FS2000C**

**Type**
- Type: ComColor Express FS2000C

**Hard Disk Capacity**
- 8 GB

**Power Source**
- AC 100 V - 240 V, 1.4 A - 0.7 A, 50 Hz - 60 Hz

**Paper Source**
- 2 trays
- Wide stacking tray
- Capacity: 1,000 sheets
- Maximum: 340 mm × 550 mm

**Paper Size**
- Wide stacking tray

**Scanner HS7000**

**Type**
- Flat Bed Scanner with Automatic Document Feeder (ADF)

**Maximum Scanning Area**
- 303 mm × 432 mm (when using platen glass)

**Dimensions (W × D × H)**
- 2,95 mm × 430 mm × 29 mm (when using ADF)

**Weight**
- Approx. 25 kg

**Safety Information**
- IEC60950-1 compliant, Indoor, pollution degree 2*3, At altitudes of 2,500 m or lower

**Face Down Finisher G10**

**Type**
- Type: Face Down Finisher G10

**Paper Source**
- Face Down Finisher G10

**Paper Weight**
- 52 gsm to 210 gsm

**Power Supply**
- AC 100 V - 240 V, 1.2 A - 0.6 A, 50 Hz - 60 Hz

**Safety Information**
- IEC60950-1 compliant, Indoor, pollution degree 2*3, At altitudes of 2,500 m or lower
## Specifications

**Print Type**
- Line-type inkjet system

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

**Print Resolution**
- Standard/High Chromogenic: Black: 600 dpi (main scanning direction) × 600 dpi (sub-scanning direction)
- Cyan, Magenta, Yellow: 300 dpi (main scanning direction) × 300 dpi (sub-scanning direction) (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**
- 5 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 long-edge feed
  - Simplex: 102 ppm
  - Duplex: 44 sheets/minute (88 ppm)
- Legal short-edge feed
  - Simplex: 104 ppm
  - Duplex: 54 sheets/minute (88 ppm)
- A3 long-edge feed
  - Simplex: 88 ppm
  - Duplex: 42 sheets/minute (84 ppm)
- Ledger short-edge feed
  - Simplex: 88 ppm
  - Duplex: 42 sheets/minute (84 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**
- 314 mm × 548 mm

**Guaranteed Print Area**
- Standard: Margin width of 3 mm
- Maximum: Margin width of 1 mm

**Paper Weight**
- Standard Tray
  - Maximum: 90 gsm to 216 gsm
- Feed Tray
  - Maximum: 90 gsm to 210 gsm

**Output Tray Capacity**
- Height up to 60 mm

**Feed Tray**
- Height up to 110 mm

**Paper Tray Capacity**
- Height up to 56 mm (+3 trays)

**Input Tray Capacity**
- Height up to 60 mm

**PDL (Page Description Language)**
- RISO/RMC/N 7

**Supported Protocols**
- TCP/IP, HTTP, HTTPS (TLS), DHCP, ftp, lpr, IPP, SNMP, Port9100 (RAW port), IP/IPv4, IPv6, IPSec

**Supported Operating Systems**
- Standard
- Optional
  - 10.11 (Legal, B4, A3, A4, B5, B6, B7)
  - Linux (compatible with PPD only)

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

**Memory Capacity**
- 4 GB

**Hard Disk**
- Capacity: 500 GB
- Available Space: Approx. 430 GB

**Operating System**
- Linux

**Power Source**
- AC 100 V - 240 V, 12.0 A - 6.0 A, 50 Hz - 60 Hz

**Power Consumption**
- Max. 1,200 W
- Ready*: 150 W or less
- Sleep*: 4 W or less
- Stand-by: 0.5 W or less

**Operating Noise**
- Max. 66 dB (A) A4 long-edge feed (Simplex) at the maximum print speed

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

**Dimensions (W × D × H)**
- With cover and tray closed: 1,160 mm × 705 mm × 1,015 mm
- With cover and tray open: 1,160 mm × 725 mm × 1,160 mm

**Required Space (W × D × H)***
- 1,220 mm × 1,240 mm × 1,160 mm

**Weight**
- Approx. 173 kg

**Safety Information**
- IEC60950-1 compliant, indoor, pollution degree 2 - 10. At altitudes of 2,000 m or lower.

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### Dimensions

**Main Unit**
- **Front**
  - 1,160 mm (45 21/32")
  - 1,220 mm (48 1/32")

- **Side**
  - 725 mm (28 17/32")
  - 1,240 mm (48 13/16")
  - 100 mm (3 15/16")

**Main Unit with Optional High Capacity Feeder and Stacker**
- 2,545 mm (100 3/16")
  - 1,635 mm (64 11/32")

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For more details please contact:

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