

# fast full-color FORCEJET™ printing



## specifications

### digital color printer specifications:

<b>print type</b>	Line Type Ink Jet System with FORCEJET™ Engine
<b>resolution</b>	Normal: 600dpi or equivalent Fine: 900dpi or equivalent (Line Smoothing: ON)
<b>print head</b>	Piezo Type, Physical Resolution 300dpi, 8 Gradation
<b>ink</b>	Oil-based pigment type, Cyan/Magenta/Yellow/Black, 1,000ml each
<b>print speed</b>	Landscape, Normal Mode Simplex: 105ppm (Letter/A4) Duplex: 60ppm (Letter); 74ppm (A4)
<b>duplex printing</b>	Standard
<b>printer collate</b>	Standard
<b>paper size</b>	Standard Paper Feed Tray: 3 9/16" x 5 13/16" to 13 3/8" x 21 5/8" (90 x 148mm to 340 x 550mm) Paper Feed Tray: 7 3/16" x 7 3/16" to 11" x 17" (182 x 182mm to 297 x 432mm)
<b>paper weight</b>	Standard Paper Feed Tray: 12-lb bond to 60-lb cover (46 to 157 gsm) Paper Feed Tray: 14-lb bond to 28-lb bond (52 to 104 gsm)
<b>image size</b>	Max. 12 3/8" x 18 5/16" (314 x 458mm)
<b>guaranteed print area</b>	3 1/8" x 5 7/16" to 12 1/16" x 17 3/4" (80 x 138mm to 306 x 450mm)
<b>feed tray capacity</b>	Standard Paper Feed Tray: 1,000 sheets Paper Feed Tray 1: 1,000 sheets Paper Feed Tray 2: 500 sheets
<b>paper receiving tray capacity</b>	1,000 sheets
<b>RISO Extended Print Function</b>	Proof Copy (Set in the driver) Test Print (Printer) Print Position Adjustment (3/16" or 20mm in vertical and horizontal directions/Adjustable in temporary data in printer) Additional Print (Temporary Data Retrieve)
<b>printer memory</b>	640MB
<b>power source</b>	AC100-120/220-240V, 50/60Hz, 12.0/6.0A or more
<b>operating noise</b>	Operating: 68dB or less
<b>operating environment</b>	Temperature: 59°F to 86°F (15°C to 30°C) Humidity: 40% to 70% (no dew condensation)
<b>power consumption</b>	Maximum: 700W or less Stand-by: 300W or less Sleep Mode: 70W or less
<b>weight</b>	Approx. 564.4lb (256kg)
<b>dimensions (W x D x H)</b>	In use: 70 1/16" x 27 3/8" x 44 11/16" (1,780 x 695 x 1,135mm) In storage: 46 7/16" x 27 3/8" x 44 11/16" (1,180 x 695 x 1,135mm)

### print controller specifications:

<b>CPU</b>	Intel Celeron 1.2GHz
<b>controller memory</b>	128MB (Max. 640MB)
<b>HDD</b>	40GB (User Area: 30GB)
<b>drive OS</b>	Linux
<b>interface</b>	Ethernet/ 100Base-TX, 10Base-T
<b>PDL</b>	Adobe® PostScript® 3™
<b>applicable protocol</b>	TCP/IP, Apple Talk
<b>font</b>	139 fonts
<b>support OS</b>	Windows Me/2000 (SP2 or later) Windows XP (SP1 or later) Mac OS9 (9.2.2) Mac OS X (10.2.x-10.3.x)
<b>power supply</b>	AC100-120/220-240V, 50/60Hz, 3.0/1.5A or more

### optional PS7R-9000 high-speed PostScript® RIP specifications:

<b>CPU</b>	Pentium4 3.4GHz
<b>controller memory</b>	1024MB
<b>HDD</b>	160GB
<b>drive OS</b>	Linux
<b>interface</b>	Ethernet/100Base-TX, 1000Base-T, 10Base-T
<b>PDL</b>	Adobe® PostScript® 3™
<b>applicable protocol</b>	TCP/IP, Apple Talk
<b>font</b>	151 fonts
<b>support OS</b>	Windows 2000 (SP2 or later) Windows XP (SP1 or later) Mac OS9 (9.2.2) Mac OS X (10.2.x, 10.3.x, or 10.4.x)
<b>power supply</b>	AC100-120/220-240V, 50/60Hz, 3.0/1.5A or more



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high-speed color printer

# HC5000

high-speed color printer

## HC5000 high-speed color printer

Add color to your world with the RISO HC5000 high-speed, full-color printer! With the HC5000, you can print in brilliant full color for the same cost per copy as black and white on other printers. Plus, the HC5000 boasts the world's fastest print speed—105 ppm—for full-color ink jet printers, as well as the lowest running cost of 3¢\* per page.

FORCEJET™ technology is the engine that drives the HC5000. By combining a powerful print engine, a line ink jet system, a high-speed paper feeding system, and ComColor™ color management, FORCEJET technology delivers high-quality printed material at an unbelievably low cost, in less time than you ever imagined.

### World's Fastest Full-Color FORCEJET Printer

No other sheet-fed ink jet printer can print as fast as the HC5000! At 105 pages per minute in full color, the HC5000's print speed can't be beat by any other ink jet printer.

### Lowest Running Cost Per Page

The HC5000 prints for an amazingly low 3¢\* per page in full color. Monthly volumes up to 250,000 provide a fast return on investment, whether in a facilities management site, central reproduction department, or as a departmental or networked office printer.

### Brilliant Color Management

The ComColor Color Management System was created specifically for the HC5000 to ensure the best quality reproduction of color images. ComColor guarantees outstanding color reproduction while reducing ink usage, resulting in lower operating costs.

### Vivid Full Color FORCEJET Printing

The HC5000 features a Piezo ink jet system that can reproduce up to 8 gradations per drop. This 8-grayscale capability results in more vivid images and a depth of color that is simply not available in laser printed output.



### Powerful Adobe® PostScript® 3™ Controller

The HC5000 features a powerful Adobe® PostScript® Level 3™ controller that delivers speed and functionality to further expand the capabilities of the HC5000. A 40GB hard drive and a powerful 1.2 GHz processor guarantee that all jobs—from simple to complex—are handled with ease.

### Optional Scanning Capabilities

Optional 11" X 17" scanning completes the total color printing solution. Brochures, proposals, letters, maps, textbooks and photos can all be scanned in vivid, sharp color at the touch of a button.

### Productivity, Versatility, and Cost Containment

RISO has always delivered productive, versatile, and cost-effective printing solutions, and the HC5000 is no exception. The HC5000's 105 ppm print speed means that print jobs simply get done faster. The HC5000 easily handles a variety of paper stocks and sizes, and offers features like auto duplexing, electronic collating, and multi-up printing to increase users' printing capabilities. And with running costs of 3¢\* per full-color page, the HC5000 makes it affordable to add color printing to your organization.



## communication color

### Bridging the gap in color printing

More and more people are demanding color printing, but up until now have had to sacrifice quality, speed, or price.

**Communication Color** redefines the color market by providing high-quality full color prints at an extremely affordable price.

**Production Color** offers the highest speed and the greatest quality. Devices used to generate production color are usually press-based technologies.

**Graphics Color** fits the need for high quality prints without large production demands; it is defined by high quality output and low production speed ranging from 4-50 copies per minute. Every major manufacturer of copier- and printer-based technologies offers a product in this category.



**Business Color** adds flair to documents without dramatically increasing cost. The quality of these prints is sufficient for the large majority of the everyday color demands of many customers. However, the sharpness and quality of Business Color is on the low end of the full color market.

**Communication Color** combines many traits of Production Color, Graphics Color, and Business Color to produce full color prints for everyday use in a wide range of applications or communications. Communication Color fulfills the demands and expectations of full color in more documents than ever before.

