

## system controller specifications:

### GDI print controller specifications:

CPU	Intel® Celeron® 2.9GHz
controller memory	256 MB (Max. 640 MB)
hard disk	80 GB (User Area: 70 GB)
drive OS	Linux
network interface	Ethernet 1000Base-T, 100Base-TX, 10Base-T
PDL	Original PPL
applicable protocol	TCP/IP
supported OS	Windows 2000 (SP2 or later) Windows XP (SP1 or later) Windows Vista
power supply	AC100-120/220-240V, 50/60Hz, 3.0/1.5A or more

### IS700C ComColor™ Express high-speed PostScript® RIP specifications:

CPU	Intel Pentium 4 3.4GHz
controller memory	1 GB (512 MB x2)
hard disk	160 GB (user available area: 150 GB)
drive OS	Linux
printer interface	USB 2.0
network interface	1000Base-T, 100Base-TX, 10Base-T
installed font	PS 139 fonts, PCL 88 fonts
PDL	Adobe PostScript 3, PCL5c/PCL6 (PCL XL), PPML <sup>1</sup>
applicable protocol	TCP/IP, Apple Talk
supported OS	Windows 2000 (SP4 or later), Windows XP (SP2 or later), Windows Server 2003, Windows Vista, Mac OS X 10.4 and above (PPC and Intel CPU)
power supply	AC100-240V, 50/60Hz, 2.5-1.8A or more

<sup>1</sup> Available with "IS700C Professional Package"

# HC5500

## high-speed color printer

## HC5500 specifications

print type	Line Type Inkjet System with FORCEJET™ Engine
resolution	Normal: 600 dpi or equivalent Fine: 900 dpi or equivalent (Line Smoothing: ON)
print head	Piezo Type, Physical Resolution 300 dpi, 8 Gradation
ink	Oil-based pigment type, Cyan/Magenta/Yellow/Black, 1,000 ml each
print speed	120 ppm A4 landscape/116 letter, normal mode; 46 sheets/92 images duplex, normal mode
duplex printing	Standard (max weight 28 lb bond or 120 GSM, max size 11" x 17")
printer collate	Standard
paper size	Standard Paper Feed Tray: 3 9/16" x 5 13/16" to 13 3/8" x 21 5/8" (90 x 148 mm to 340 x 550 mm) Paper Feed Tray: 7 3/16" x 7 3/16" to 11" x 17" (182 x 182 mm to 297 x 432 mm)
paper weight	Standard Paper Feed Tray: 12 lb bond to 110 lb index (46 to 210 GSM) Paper Feed Tray: 14 lb bond to 28 lb bond (52 to 104 GSM) Max. paper size for 60 lb cover/157 GSM and higher is 11" x 17". Envelopes: 4" x 6" to 12" x 15.5", up to 28 lb bond (no duplex)

printable area	Max. 12 3/8" x 18 5/16" (314 x 458 mm) (margin width of .04" [1 mm]) (margin width of 12 mm for envelopes)
guaranteed print area	3 1/8" x 5 7/16" to 12 1/16" x 17 3/4" (80 x 138 mm to 306 x 450 mm)
feed tray capacity*	Standard Paper Feed Tray: 1,000 sheets Paper Feed Tray 1: 1,000 sheets Paper Feed Tray 2: 500 sheets
receiving tray capacity*	1,000 sheets
RISO Extended Print Function	Proof Copy (Set in the driver) Test Print (Printer) Print Position Adjustment (3/16" or 20 mm in vertical and horizontal directions/ Adjustable in temporary data in printer) Additional Print (Temporary Data Retrieve)
printer memory	640 MB
power source	AC100-120/220-240V, 50/60Hz, 12.0/6.0A or more
operating noise	68dB or less
operating environment	Temperature: 59°F to 86°F (15°C to 30°C) Humidity: 40% to 70% (no dew condensation)
power consumption	Maximum: 800W or less Ready: 300W or less** Stand-by: 150W or less Sleep Mode: 20W or less
weight	Approx. 597 lb (266 kg)
dimensions (W x D x H)	In use: 70 7/8" x 27 3/8" x 44 11/16" (1,800 x 695 x 1,135 mm) In storage: 46 7/16" x 27 3/8" x 44 11/16" (1,180 x 695 x 1,135 mm)

\* For A4/85 GSM (22.5-lb bond)

\*\*Printer is in Print Mode but not printing

## Fast full color FORCEJET™ printing



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**RISO**  
Ink and Ingenuity



*"With our projected copy volumes, we estimate a savings of \$26,000 per year. That means that the HC will pay for itself in approximately 18 months!" Children's Pastor, New Hope Worship Center*

# HC5500

## the world's fastest inkjet sheet-fed printer

Add color to everyday documents with the RISO HC5500 high-speed, full-color printer! With the HC, you can add attention-grabbing color to all of your documents for less than what you would spend on other color devices. Plus, the HC boasts the world's fastest print speed—up to 120 pages per minute<sup>1</sup>—for full color inkjet printers, along with an incredibly low running cost.

FORCEJET™ technology is the engine that drives the HC5500. By combining a powerful print engine, a line inkjet system, a high-speed feeding system, and ComColor™ color management, FORCEJET technology delivers quality printed materials at an unbelievably low cost, in less time than you ever imagined.

### The perfect balance of speed, cost, and quality

RISO has always delivered reliable, cost-efficient printing solutions, but the HC5500 sets a new standard for sheer versatility and value of its features. The HC has been designed from the ground up to tackle a wide variety of on demand print jobs. Whether you're in a networked office or a print production environment, the

HC meets the need to print both color and black and white documents at a remarkably low cost.

The speed at which the HC5500 can produce full color documents is truly amazing. And because the HC5500 is a no-heat, non-impact printer, its reliability and up-time is superior to toner-based devices. Combine that with a small footprint, no special power requirements and very low power consumption, and you have a device that offers a rich feature set with an incredibly low total cost of ownership.

The HC5500 also offers users a wide range of paper stock options including card stock and envelopes. Some of the standard features included in the HC series are automatic duplexing, secure printing, job comments, custom print queues, machine clustering and job splitting, multi-up, pagination and booklet printing, and so much more.

If you're looking to add color to your everyday documents or a versatile and robust printer to fit into virtually any environment, look no further than the RISO HC5500.

<sup>1</sup> For full color, sheet fed, inkjet printers based on A4 landscape.

### Fast full color printing

The HC is the only series of full color, sheet fed inkjet printers capable of printing up to 120 ppm. The HC printer simply leaves the competition behind. Faster turnaround times for all your jobs and higher productivity for your staff means a quicker return on your investment.

### Low running cost per page

The HC prints at amazingly low running costs that are virtually unmatched by any other device in its class. With the HC's low-cost full color prints, you can now have a positive impact on all your printed documents without negatively impacting your budget! With volume capabilities of up to 500,000 copies per month, the HC delivers rapid payback whether at a data center, a central reproduction department, or as a departmental or networked office printer.



### Advanced color management

The ComColor Color Management System was created specifically for the HC to ensure the best quality reproduction of color images. ComColor guarantees exceptional color reproduction while minimizing ink usage, keeping costs low.

### Scalable to your needs

The HC printer offers users a choice of print controllers. You decide which one is right for your needs and your budget. Choose a powerful Adobe® PostScript® 3™ Controller that offers advanced functionality and maximum control over the printing process. This controller boasts an Intel® Pentium® 4 processor, 160 GB hard disk drive and 1,024 MB of RAM. Features of the PostScript RIP include an archive function, a forms queue, PCL compatibility, and custom print queues. CMYK gamma control for photos and graphics allows you to increase and decrease the level for each color individually. Customers can also add PPML and color profile management capabilities. Or choose a robust GDI controller with a feature set ideal for the everyday office environment. Enjoy professional features such as poster-printing, secure printing, and watermarks while maintaining control over a selection of quality settings all in a user friendly print driver interface.

### RISO Console™

The Console feature standard with the HC gives administrators the ability to customize the device settings, establish walk-up user accounts, view and download machine usage history, and set network configuration. All users with access to a Web browser can monitor their print jobs, view and recall stored files on the RIP, and view machine details such as supplies remaining, loaded paper stocks, and machine idle or in use.

### Optimize

The HC can be accessorized with capability-enhancing options. These include a scanning system that offers full color scanning at speeds up to 20 ppm. The scanner comes with an R-ADF and large touch panel display for easy operation. The scanner interface offers many of the same robust features as the HC's printer driver to deliver hard-copy reproduction that is as close to a digital original as possible. The HC finisher brings



the convenience of stapling, two or three hole punching, stacking, folding and booklet making right in line with the printing process. Create professionally finished documents quickly and easily with the HC finishing system.

### Touch Panel Display

The optional TPD can be added without the scanner to access a host of walk-up features including secure printing, access to stored jobs on the RIP, and viewing job comments.

### Learn more about the HC

Get additional information, read success stories and view a video presentation on our Web site at <http://us.riso.com>.