KONICA MINOLTA

bizhub PRESS C71hc

Be amazed by the
High Chroma difference

bizhub PRESS

Leave your competitors behind with vivid colour

Naturally, you want your images to have as much impact as possible – whether you're a commercial printer or a creative professional. And while you're striving to provide better image quality, you need to achieve faster speeds, economically. However, you'll also be familiar with the limitations of printing in CMYK. Images shot from a digital camera usually express a wider colour gamut than CMYK printers can reproduce.

Results are often disappointing when using RGB images with CMYK standard printers. Undoubtedly, you'll have seen the resulting dullness of colours such as pink, purple and bright green.

That's why you'll appreciate the unequalled performance of the amazing new bizhub PRESS C71hc.

Experience the High Chroma difference

Now you can say goodbye to previous colour limitations. This bizhub PRESS C71hc uses revolutionary High Chroma toner – reproducing RGB colours more faithfully than previously seen before.

With High Chroma toner, you can achieve colours on paper that are much closer to the natural world. So it becomes an easy matter to match your computer monitor's images for colour and clarity. This is good news when you're striving to provide the highest possible print quality.

Super-fast and highly economical

Plus, this machine is great for your productivity – it delivers full colour print speeds of up to 71 impressions per minute (A4). It's ideal for commercial printers, print providers and graphic arts professionals – as well as advertising agencies or retail chains. In fact, anyone who wants high impact imagery, delivered quickly and economically.

Unique colour capabilities for creative freedom

As the world's only professional digital press that utilises High Chroma toner – the bizhub PRESS C71hc is free from the restrictions imposed by the colour gamut of ordinary toners. It gives you the creative freedom to deliver outstanding expressive capabilities on the printed sheet.

Seamless cross-media applications

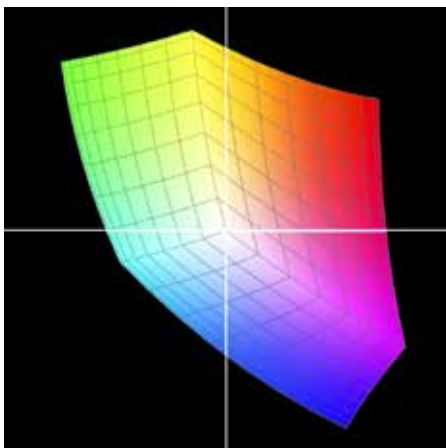Now you can be sure that your images and colours are being presented consistently – whether on-screen or on the printed page Personalised Direct Marketing pieces can be produced which truly reflect brand identities.

This makes the bizhub PRESS C71hc an essential link in the chain, when producing cross-media marketing campaigns. It's fast, flexible, and handles a wide range of media.
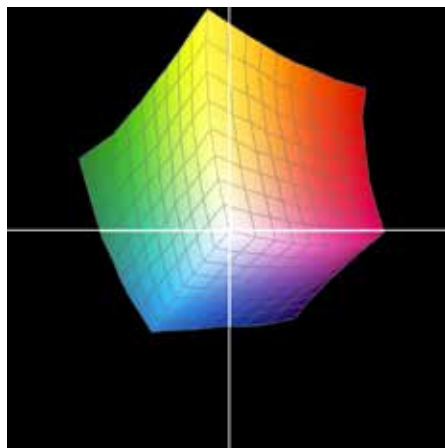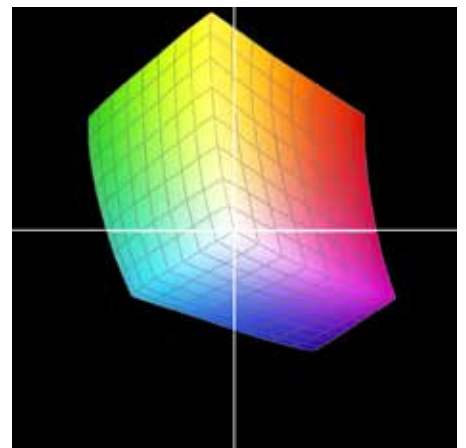
Colour gamut comparison

This comparison shows the extraordinary extra latitude made available by High Chroma toner

| sRGB monitor | Ordinary CMYK printer | C71hc High Chroma Toner |

RGB Colour File   CMYK Colour File

Maximising the advantages of High Chroma Toner

To take best advantage of the High Chroma Toner characteristics, Konica Minolta has developed three specific modes:

1. Standard Mode

In this mode, colours produced on the monitor screen are reproduced using RGB – taking advantage of the wider colour gamut.

2. Saturation Mode

With enhanced saturation, this mode provides impactful and bright images.

3. Soft Mode

Colour graduations are softened to improve reproduction of image elements such as shadows and reflections.
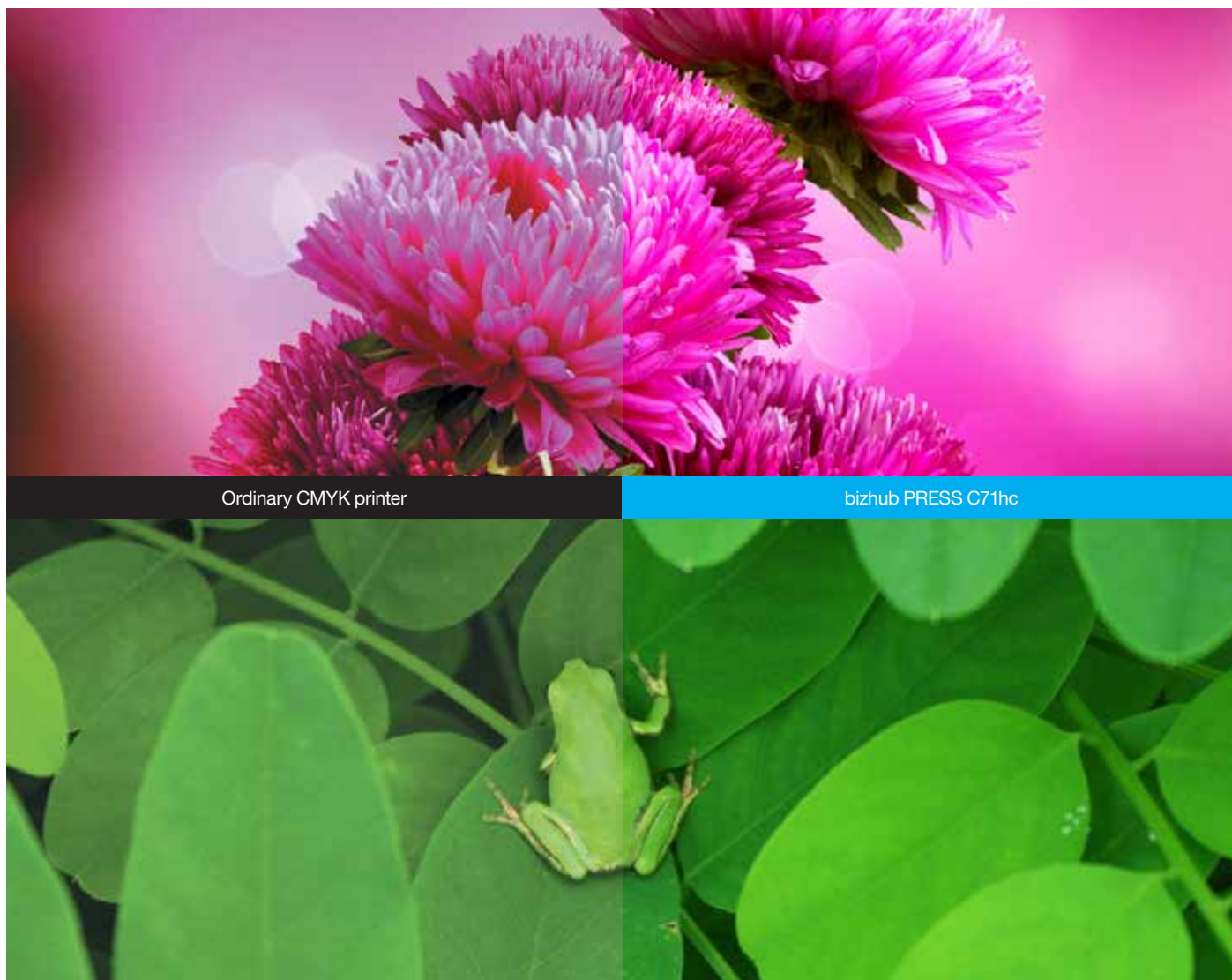
Eye-catching output

Of course, skin tones are the ultimate test. With the bizhub PRESS C71hc it is now possible to achieve superb saturation and brightness, enabling you to produce skin tones with unprecedented smoothness.

This smooth skin tone reproduction makes the bizhub PRESS C71hc ideal for studio photography and photo book printing. In addition, high-quality output is assured for items such as cosmetics or fashion catalogues.

Its wide colour gamut also makes it perfect for eye-catching Point of Sale material, stationery and presentation documents. Neutral greys are another challenge, and this machine handles them effortlessly.

Image comparison

Comparison of images from bizhub PRESS C71hc with images from an ordinary CMYK Printer

| Ordinary CMYK printer | bizhub PRESS C71hc |

Multiple innovations working in harmony

Deliver accurate, repeatable colour with the bizhub PRESS C71hc. With innovations like S.E.A.D 11 (Screen-Enhancing Active Digital Processing) and dot position control technology, the image retention and stability on the bizhub PRESS C71hc rivals results seen with offset printing.

With the bizhub PRESS C71hc you keep your customers happy thanks to maximum uptime guaranteed by the 'air-assist' paper feed technology and the alibility to make necessary adjustments on the fly.
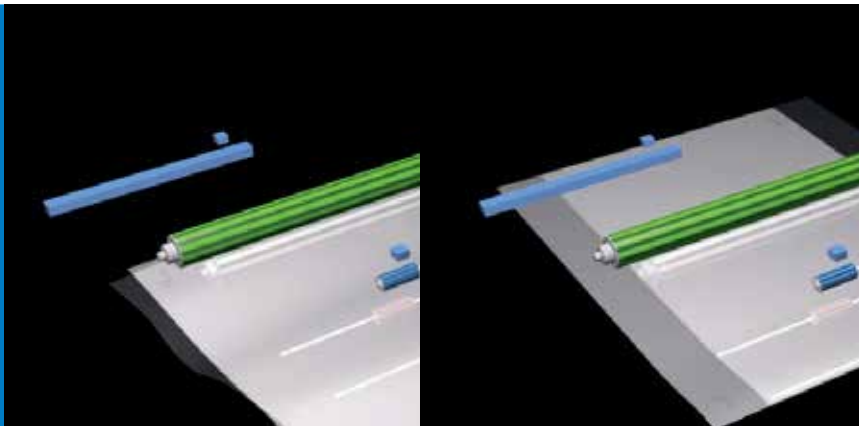
Constructed to deliver long-term reliability and productivity

The bizhub PRESS C71hc is built around a high-strength steel frame that will perform reliably, day after day.

High precision registration unit

For ultimate accuracy, sheet position is detected by a high precision sensor and the registration swing mechanism conveys the sheet to the correct position. This produces flawless sheet position and registration – no matter what type of media you're using.

Ultimate versatility with a range of options

Take advantage of the comprehensive versatility of the bizhub PRESS C71hc. It can be configured in over 46 different system combinations, which is sure to meet your needs.

An array of finishing options means you can offer your customers saddle stitching for booklets, 3-sided trimming and creasing, perfect binding and so much more.

So you can make sure your business is positioned to add as much value as possible – at every stage through to the finished print.

The bizhub PRESS C71hc is highly flexible, handling a wide range of media stocks and weights, handling sizes from A5 to SRA3 (max 300 x 480 mm) – in weights 64 to 300 gsm.

Specifications

Printer specifications

Print speed A4	Up to 71
Print Speed A3	Up to 38
Print resolution	Max.: 1,200 x 1,200 dpi x 8-bit
Gradations	256 gradations

System specifications

Paper weight	62 to 300gsm
Duplex unit	Non-stack type, 64–300gsm
Paper sizes	A5–SRA3 (Custom Size 330 x 487 mm)
Maximum image area	323 x 480 mm
Paper input capacity	Maximum: 7,500 sheets
	Main unit: up to 1,500 sheets
	PF-707: up to 4,630 sheets
	PF-602: up to 6,000 sheets
Paper output capacity	Maximum: 13,600 sheets
	Stacking unit with trolley: 5,000 sheets
	Large capacity tray: 3,000 sheets
	Per sub tray: 200 sheets
Main unit dimensions (W x D x H mm)	760 x 903 x 1,073 (only main unit)
Main unit weight	291 kg (only main unit)

Controller specifications

IC-602B Enhanced Konica Minolta controller

CPU	Intel® Pentium 2.9 GHz
RAM	5 GB
HDD	1.5 TB Hard Drive
Interface	Ethernet (10/100/1,000-Base-T) with IPv6
File Formats	PDF, TIFF, JPEG, XPS
Client Environments	Windows® 7/2000/XP/NT 4.0/Server 2003, Macintosh OS 9.x and 10.x

IC-308 external EFI Fiery controller

CPU	Intel® Core i5 2400 3.10 GHz
RAM	4GB high-speed memory
HDD	1TB Hard Drive
Interface	Ethernet (10/100/1000-Base-T) with IPv6, USB
	Adobe® PostScript® Level 1, 2, 3
	Adobe® PDF 1.5 to 1.7
	PDFX; EPS; TIFF; TIFF/IT; JPEG; PPML;
	Fiery® FreeForm™/Fiery® FreeForm™ 2.1
Client Environments	Windows® 7/2000/XP/Vista™, Macintosh® OSX or higher

IC-309 external Creo controller

CPU	Intel® Quad Core i7-860 3.46 GHz
RAM	2 GB high-speed memory
HDD	250 GB SATA system
	2x 250 GB SATA image disk space
Interface	Ethernet (10/100/1,000-Base-T), NetBios802.1x
Authentication	
File Formats	Adobe PostScript 3; Native PDF; EPS; TIFF; TIFF/IT; JPEG; CT/LW- VPS PML2.2
Client Environments	Windows® 7/2000/XP/NT 4.0/Server 2003, Macintosh OS 9.x and 10.x

Accessories

Paper feed unit PF-707
3 trays; Air suction feeding
Paper capacity: up to 4,630 sheets
Paper weight: 62–300gsm
Standard paper sizes: A5–SRA3
Min. paper size: 100 x 140 mm
Max. paper size: 330 x 487 mm
Paper feed unit PF-602
2 tray; Friction Feed with Air separation
Paper capacity: up to 6,000 sheets
Paper weight: 62–256gsm
Lwr Tray: Up to 300gsm
Standard paper sizes: A5–SRA3
Min. paper size: 100 x 188 mm
Max. paper size: 330 x 487 mm

Relay Unit RU-509
Enhanced Productivity Unit
Mechanical de-curler, Colour Density Sensor Humidifier Unit HM-102
Humidification de-curler unit

Post Inserter PI-502 *
Pre-printed sheet post inserter option
200 sheet x 2 trays

Punch Kit FK-522 *
Punching unit, 2 or 4 hole punching

Finisher FS-532
Stapling of up to 100 sheets,
2-point and corner stapling,
Variable staple length
Output for up to 4,200 sheets. Sub tray for up to 200 sheets. Off-set shift sorting and grouping

Saddle Stitch Unit SD-510*
Booklet making of up to 20 sheets (80 images)
Output tray for up to 35 booklets.
Centre staple, half-fold and tri-fold.
Multi fold-in up to 3 sheets,
Centre fold up to 5 sheets
Folding unit FD-503
Pre-printed sheet inserting 2 x 500 sheets (PI):
Punching (2/ 4 hole)
Folding (half-fold, z-fold, gate-fold, letter fold in, letter fold out, double-parallel-fold)
Sub tray for up to 200 sheets

Multi punching Unit GP-501
Multi punching of A4 sheets
User replaceable die sets for: velo bind, plastic comb, wire bind, colour coil, pro click
Paper weight: 75–216 gsm

Auto Binding Unit GP-502
On-line automatic binding system
One size colour bind element-fits all

Saddle Stitcher unit SD-506
Booklet making of up to 50 sheets (200 images)
Saddle stitching, For-edge trimming
Output tray for up to 50 booklets
Multi letter fold in/ Multi half fold (up to 5 sheets)

Stacking unit LS-506
Up to 5,000 sheets stacking capacity
Two units can be installed in tandem
Up to 10,000 sheets stacking capacity
Trolley mounted stacker with Clamp mechanism
Off-set stacking
Sub tray for up to 200 sheets

Saddle Stitcher Finisher SD-513
Booklet making for up to 50 sheets (200 pages)
on low paper weight
4 staples possible on the booklet bind
Multi-letter fold in (Up to 5 sheets)
Multi half fold (Up to 5 sheets
Options for SD-513:
FD-504: Spine Corner Forming Unit
With 5 strength settings
TU-503: Top and Bottom trimming Unit
CR-101: Creasing for Booklet and flat sheet, up to four possible creases across the sheet.
Perfect binding unit PB-503
Hot melt glue binding system
Integrated 1-side trimming of cover sheets
Books from A5 up to A4+ (307 x 221 mm)
Books from 10 sheets up to 30 mm spine width
Cover paper tray for up to 1,000 sheets
Sub tray for up to 200 sheets
Book stacking capacity of up to 3,300 sheets
Envelop Fuser unit EF-103 **
Enhanced envelop fuser
* Requires attachment to FS-532
** Limitations apply to possible output tray

KONICA MINOLTA

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Printed on a Konica Minolta bizhub PRESS C1070/C1060

ENERGY STAR

Ecology & Environment
KONICA MINOLTA copiers and multi-functional products are designed with the environment in mind.

• Energy Star
• RoHS Compliance
• WEEE Compliance
• Eco-conscious Toners
• Production at ISO Certified Factories

⚠ **Requirements for safe use.**
• Please read and follow the instruction manual to ensure safe operation.
• Only operate using appropriate power supply and voltage.
• Connecting the earth wire to an inappropriate place may cause explosion or electric shock. Please connect accordingly (Taiwan and the Philippines only).