



KONICA MINOLTA

PROFESSIONAL COLOUR PRINT PERFORMANCE

External Creo® Colour Server



CONTROLLER
IC-309



SOPHISTICATED PERFORMANCE & CREATIVITY

The combination of the IC-309 Creo® colour server and Konica Minolta's colour digital presses is the highly competent solution for the complexities and challenging requirements of your professional print production environment. Powered by this advanced print controller, the high-speed bizhub colour printing systems are your ideal choice for hybrid prepress workflows as well as sophisticated VDP applications (Creo® VPS). Together, controller and bizhub colour press give you a truly professional colour print performance.

Integrate offset and digital

Reduce labour and turnaround times with the built-in JDF/JMF capabilities that ensure the seamless integration of all production steps. Take advantage of the unique connectivity to Kodak Prinergy Workflow and other Kodak Unified Workflow Solutions, which provides the integration with commercial print workflow solutions and helps you route jobs between offset and digital systems.

The Creo® colour server job-ticket software lets you create JDF (Job Definition Format) files that contain printing parameters in a job ticket. This includes full support for job parameters of third-party software, such as the Kodak Prinergy Workflow. At the same time, support for OPI and APR saves you processing time as it facilitates the insertion of high-resolution images into jobs during production.

Enjoy outstanding colour and consistency

Designed specifically for the Konica Minolta bizhub PRESS systems, the IC-309 print controller gives you control of the digital press's full colour gamut. Achieve superior results with built-in colour management that allows sophisticated adjustments for special jobs or hard-to-match colours. Benefit also from the integrated Adobe PDF Print Engine 2, which ensures fast, accurate 'native' rendering of complex PDF files.

Access the profitable VDP market

The IC-309 Creo® colour server lets you process all standard VDP data formats including VPS, Optimised PDF, Optimised PostScript, PPML and PostScript, integrating them with PDF workflows. Achieve greater efficiency in your production workflow with Gallop, which allows longer print jobs (usually VDP) to begin printing while the job data are still being processed. In addition, Post-RIP Imposition enables the editing of imposed VDP jobs without the need to re-RIP them.

Boost your profits with increased productivity

Reduce errors by presetting workflows for frequently used job settings, taking advantage of the IC-309's Hot Folder and Virtual Printer capabilities. You can for example readjust Ready-to-Print (RTP) jobs after ripping, which considerably improves the overall productivity. By processing two jobs simultaneously, the Parallel RIP feature helps you speed up production time (optionally available with the Process Power Kit). Set the controller to automatically generate SMS and e-mail notifications – reducing idle times of the press, as it lets you monitor production from your smartphone or any other handheld device. This boosts the overall productivity of your output systems and operators. Moreover, deploying automated alerts and notifications according to predefined settings can help you lower your overheads and increase your throughput, enabling your business to manage more jobs and achieve greater revenue potential.

Turn jobs around faster with easy workflows

While the operator interface gives you great customisation possibilities, it is nevertheless easy to learn and efficient to use. Even novice operators are soon able to take advantage of its capabilities and quickly process jobs with a variety of file formats. And if for any reason the press should go down, you and your operators are immediately alerted by SMS or e-mail. Thus, the IC-309 print controller enables an automated workflow with minimised human interaction and a reduced error rate.



Optional enhancements

- The **Action Pack** provides various progressive printing tools including Imposition Template Builder, Reusable Elements Management, and Enfocus Pit Stop for last-minute PDF editing on the server
- The **Fast Pack** includes one additional parallel RIP for increased file processing power
- The **Match Pack** enhances colour management including Photo Touch Up, Advanced Calibration information, Import Device Link Profiles, Color Picker, Predefined Color Sets, Print Color Set Samples, Spot Color Variations, Edit Spot Color per Paper Stock, and Export for Proof tools
- The **Preps Pack** is based on the Kodak Preps Imposition Software 7 technology and provides tools to define and save customer imposition templates, including Step & Repeat, Step & Continue, Cut & Stack, Perfect Bound, Saddle Stitch and Folded Signatures
- The **Trans Pack** is based on Kodak IPDS technology, enables direct native printing of AFP and IPDS files, and supports full bi-directional communication between printer and host computing system

Technical specifications

Type	IC-309 external Creo® Controller
Operating system	Windows 7 64-Bit
CPU	Intel® Core i5-3550S
Clock speed	3.0 GHz
RAM	6 GB (3 GB system, 3 GB image)
HDD	3,000 GB (1,000 GB system; 2,000 GB image)
Interface	Ethernet (10/100/1,000-Base-T)
File formats	PostScript L1; L2 and PS3; EPS, Adobe PDF 1.3 - 1.7; PDFX-1a; PDF/X3; PDF/VT JPEG (with the exception of JPEG 2000); TIFF 6.0; TIFF/IT VPS; PPML 2.2; Zipped PPML; PPML/VDX; JDF; XPS; APPE 2.6
Client environments	Windows® 8/7 Windows® Server 2008/2003 Macintosh® OSX 10.5 Intel Macintosh® OSX 10.5 or later



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- All specifications refer to A4-size paper of 80 gsm quality.
- The support and availability of the listed specifications and functionalities varies depending on operating systems, applications and network protocols as well as network and system configurations.
- The stated life expectancy of each consumable is based on specific operating conditions such as page coverage for a particular page size (5% coverage of A4).
The actual life of each consumable will vary depending on use and other printing variables including page coverage, page size, media type, continuous or intermittent printing, ambient temperature and humidity.
- Some of the product illustrations contain optional accessories.
- Specifications and accessories are based on the information available at the time of printing and are subject to change without notice.
- Konica Minolta does not warrant that any prices or specifications mentioned will be error-free.
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