



**PRODUCTION SOLUTIONS**



**imagePRESS™  
Server A3000**

# IMAGE QUALITY

## PRODUCTION SOLUTIONS

### imagePRESS SERVER A3000

The imagePRESS Server A3000 is a Canon's most powerful, front-end print server, engineered for high-speed processing of graphic-intensive variable data jobs in the most demanding print production environments.



imagePRESS™  
Server A3000

#### QUALITY CONTROL YOU CAN COUNT ON

Digital printing allows you to offer more value-added services while still providing the same high-quality, color accurate output. The imagePRESS Server A3000 comes equipped with the tools you need to match spot colors, adjust for varying paper stocks, and ensure proper color management, so each job has predictable, consistent color, every time on the imagePRESS C7000VP digital press.

Standard on the A3000 is the **Graphic Arts Package, Premium Edition**, a comprehensive suite of tools that allow production environments to achieve consistent, accurate color and high-quality output. Easily insert color bars to any job to enhance quality control and color consistency. Manage the chokes and spreads of each color channel to ensure that proper trapping of all visual elements. This suite also offers complete control over spot colors to ensure that corporate logos match expectations. To minimize waste and time, the tool set has standard advanced proofing capabilities to ensure that all color edits and layout changes were applied as intended. When jobs don't print correctly, built-in diagnostic tools provide server recommendations and on-press adjustments to get the press producing high-quality output quickly and effortlessly.

With **ColorWise®**, color processing takes place at the server, giving operators maximum control to ensure accurate color for each element. It's specifically designed to assist you with importing and managing ICC profiles, gain control over calibration, and customize color curves when printing on a Canon imagePRESS C7000VP digital press.

# PRODUCTIVITY and VERSATILITY



imagePRESS Server A3000

## OPTIMIZE PRESS PRODUCTIVITY

On-demand printing is all about producing the exact number of prints, exactly when you need them. Your ability to process and print jobs in less time is critical. The imagePRESS Server A3000 provides the processing power needed to get graphic-intensive files and variable data jobs out the door fast. This extremely rapid dual processor can print and process simultaneously for maximum throughput.

**The Production Printing Package** is a comprehensive set of job management and make-ready tools that provides centralized management of document assembly, paper selection, tab insertion, late stage PDF editing, and other advanced features that will maximize productivity. Imposition of static and VDP jobs is managed in an intuitive interface, which reduces labor and minimizes errors in busy production environments. In addition, new composition and assembly tools allow operators to review, manage, and manipulate jobs from one centralized location. Plus, advanced control of the print queue ensures time-sensitive jobs are completed when needed.

**Hot Folders and Virtual Printers** eliminate repetitive tasks for faster and improved productivity. A range of filters for Hot Folders integrates your imagePRESS C7000VP digital press and imagePRESS Server A3000 into your prepress environment to shorten job set up with submission of native files.

## BE READY FOR WHAT'S NEXT

Web-to-print, variable data printing, and integration into MIS are more than just buzz words; these are the new drivers of the printing industry. As your business evolves, you want to be confident that the system in place will handle whatever comes next. The imagePRESS C7000VP digital press combined with the imagePRESS Server A3000 is a highly versatile system designed to adapt and grow with your business.

*Create personalized, one-to-one marketing materials.* The imagePRESS Server A3000 supports many VDP languages and will work with numerous VDP applications. With the combination of imagePRESS technology and appropriate software solutions, Canon can help customers achieve a higher-level of efficiency and success.

*Protect your information.* The imagePRESS Server A3000 also includes a comprehensive set of document and device security measures to help customers protect their data.

*Manage production and control costs.* Ideal for graphic-intensive environments requiring print and business workflow integration via JDF, the imagePRESS Server A3000 is a complete solution for professionals looking to integrate EFI® MIS and Web-to-print solutions. This highly flexible server can integrate into cross-platform environments and operate with other Canon and third-party solutions.

## THE POWER TO PRODUCE

The fastest, most powerful color server in its class, the imagePRESS Server A3000 delivers the high-productivity and color accuracy that's expected in the production printing marketplace. And it's from Canon, the name to trust for high-end digital imaging solutions.

## SPECIFICATIONS

### Hardware

- Canon imagePRESS Server A3000 Motherboard
  - Dual Xeon® 5160 3.0GHz Dual Core
  - 2GB SDRAM
  - 1333MHz System Bus (Front Side Bus)
- Hard Disk
  - (2) 250GB Hard Disk
  - 80GB Hard Disk
- DVD/CD-RW Drive
- Integrated Interface & Stand

### Document Printing Features

- RIP-While-Print®
- Continuous Print
- Reverse Order Printing
- Electronic Collation
- Save Fast Reprint
- Document Full-Screen Preview, Job Merging, and Editing
- Auto Duplexing Support
- Archiving
- Load Balancing
- ImageShift
- Booklet Maker
- Transparency Interleaving
- Slip-Sheeting
- Tray Alignment
- Custom Page Sizes
- PDF Editing with PitStop Software
- E-Mail Job Submission
- PPML Support
- Cover Mode
- Face-Down Delivery
- Mix Media Support

### Networking/Connectivity

- Simultaneous Auto-Switching Protocols:
  - AppleTalk®, TCP/IP, Ethernet and SNAP Frame-types, Novell NDS® compliant
- IPv6
- LDAP Support
- 10/100/1000Base-T Standard Support
- Peer-to-Peer Window Printing
- Automatic IP Configuration
- IPP 1.1 (Internet Print Protocol)
- Port 9100 Support
- Canon NDPS Gateway

### Page Description

- Adobe® PostScript® 3™

### Language/Fonts

- PDF Printing (PDF 1.6)
- 126 Adobe Type 1 Roman PostScript Scalable Fonts
- 10 TrueType Fontsw

### Utilities

- JDF Connector
- WebTools™
- Fiery® Scan and Fiery Remote Scan
- Fiery FreeForm™
- Fiery Downloader
- Job Log
- Fiery Driver (with automatic configurator)
- Command WorkStation
- Member Printing
- EFI® Job Monitor

### Security

- Secure Erase
- IP Filtering
- Port Filtering
- Removable Hard Drive (Optional)

### ColorWise

- Color Rendering Dictionaries
  - Photo
  - Presentation
  - Absolute Colorimetric
  - Relative Colorimetric
- ColorWise® Pro Tools
  - FieryPrintCalibrator – Easier Calibration
  - Color Editor – Customizing Curve
  - Profile Manager – Supporting ICC Profiles and Device links
  - Color Setup – Default A105Color Settings
- Color Charts and Reference Pages
- RGB Separation
- Spot Color Management – PANTONE® Calibrated
- Trapping and Overprinting
- Automatic Black Overprinting
- Independent RGB, PANTONE, and CMYK Control
- Pure Black Text/Graphics
- Gray Component Replacement (GCR) Control
- Spot Color in PDF
- Image Smoothing
- Mac OS X Support

### Graphic Arts Package, Premium Edition

- ImageViewer
- Paper Simulation Editing
- Halftone Simulation
- 2-Color Print Mapping
- Configurable Auto-Trapping
- Spot-On® with Substitute Colors
- Filters for Hot Folders
- Preflight
- Postflight
- Progressives
- Control Bar

### Production Printing Package

- EFI Compose
- Paper Catalog
- Tab Insert
- MS Office Filters for Hot Folders
- EFI Preflight
- Rush Print
- Print/Process Next
- Schedule Printing
- Suspend on Mismatch
- Quick Doc Merge
- Advanced Job Reorder

### Impose

- Create/Save Imposed Jobs in PDF Format
- New Gang-Up Styles
- User Preference for Default Scaling Factor
- User Preference for PS to PDF Conversion
- Sheet's None-Printable Area Preview
- Delivery Options
- Front/Back Cover Printing Settings
- Mixed Media Definition
- Acrobat® 8.0 Support
- Support for Booklet Maker
- Insert Custom Text for Blank Pages

### Press Simulation

- Quick Simulation – Adjusts Toner Density
- Full Simulation – Adjusts Toner Density and Hue
- Full Simulation with GCR
- Support for SWOP, Euroscale, DIC Printing Standards and Others through ICC Profiles
- Support for Custom Simulation Targets
- Simulation on a Per-Job Basis

### Calibration

- Calibration with Densitometer
- Calibration with Spectrophotometer
- ColorCal
- Auto Gray

### Memory Management

- ECT Compression

### Optional Hardware/Software

- Removable Hard Drive

### Power Supply

- Auto-Switching 90-240VAC, 50-60Hz
- 5A @ 115VAC

### Dimension (H x W x D)

- 22.76" x 8.31" x 23.15"  
(578mm x 211mm x 588mm)

### Weight

- 65.7 lb. (29.8kg)

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