

# Fiery® Color Controller N-500

Fiery FS500 Pro



## See the difference.

Fiery Color Controller N-500 and the RICOH Pro™ Z75 sheet-fed inkjet digital press deliver the ultimate production powerhouse to drive your business into the future.

### Capture higher profits on more jobs.

- Fiery HyperRIP™ processes large and complex jobs, or high volumes of individual jobs, at faster speeds, allowing you to handle the most demanding workloads with ease and keep your press producing profitably.
- Run multi-up applications with Fiery Impose Plus. Easily set up and automate gang-up jobs to maximize media size and optimize for finishing.
- Bring your customers the power of 1:1 messaging. The Fiery server accepts all industry standard VDP formats. Or, create your own files using the free Fiery FreeForm™ Create application.
- The Fiery Smart Estimator provides estimation and reporting of ink coverage, cost, and volume for increased production visibility.

### A seamless workflow.

- The familiar Fiery Command WorkStation® interface makes onboarding operators a breeze. You can manage all your Fiery Driven™ printers from any Mac or Windows client in a shop, or directly from the engine operator control panel with Fiery Console.
- Connect to existing prepress and web-to-print workflows to keep production running smoothly across your shop.

### Reduce job touches and manual work.

- Fiery JobExpert™ analyzes print jobs and dynamically chooses the optimal print settings. So you can be confident that jobs will always print with the right settings - no expert knowledge required.
- Built-in Fiery Preflight Pro provides the ultimate PDF quality control checks to identify potential errors and verify file compliance with industry standards.
- With Fiery JobFlow™ Base, say goodbye to repetitive manual setups and human errors. Get ready-to-print files in just one step.

### Accurate, consistent color.

- Fiery Edge™ profiles deliver stunning out-of-the-box color with the smoothest color blends, maximum shadow details, and superb image definition.
- Built-in tools ensure the most accurate brand color reproduction. Perform detailed color correction while the raster preview updates on-the-fly.





# Fieri Color Controller N-500 specifications

## Fieri Driven™ engines

- RICOH Pro™ Z75

## Hardware

- Blade-based server
- 4x Intel® Xeon® Gold 6226 Processors, 2.70 Ghz, 12-core
- 384 GB RAM (24 x 16 GB)
- 2 x 1 TB HDD for OS
- 2 x 1.6 TB NVMe for Fieri software
- 2 USB 3.0 ports, 2 USB 2.0 ports

## Fieri software

- Fieri FS500 Pro system software
- Microsoft Windows® 10 IoT Enterprise 2021 LTSC
- Fieri Installer Builder

## Fieri color and imaging technology

- Fieri Graphic Arts Pro Package (5-year subscription included)
  - Fieri Spot Pro, Fieri ImageViewer, Fieri Preflight Pro, Fieri Postflight, Fieri Control Bar
- Fieri Edge™ color profiles
- Fieri ColorWise® color management technology
- PANTONE® Color Enabled
- Fieri Calibrator
  - Duplex calibration
- Composite overprint
- Image smoothing
- Image enhance
- Fieri Image Enhance Visual Editor

## Adobe interpreter support

- Adobe® PDF Print Engine® 5.5<sup>1</sup>
- CPSI version 3020

## Performance

- Fieri HyperRIP™ (24 RIPs)
- SmartRIP
- Spool-RIP-Print

## Productivity and workflow

- Fieri Command WorkStation®
- Fieri JobExpert™
- Fieri Smart Estimator
- Fieri Impose Plus (5-year subscription included)
- Fieri Console
  - Access Command WorkStation via operator control panel.
- Print Time Estimation
- Substrate Catalog
- Fieri JobFlow™ Base
- Fieri Hot Folders/Virtual Printers
- Fieri WebTools™
- Fieri server presets
- Feeder/delivery control
  - Pallet feeder
  - Tape insertion (per job or per set)

## Variable data printing

- Fieri FreeForm™ Create
- Supported file formats: Fieri FreeForm Plus, PPML v3.0, PDF/VT-1 and 2, Creo VPS
- VDP Record and Set Level Finishing, VDP Record Range Printing, Define Record Length, VDP Resource Manager, VDP Raster Preview, VDP imposition

## Device management and analytics

- Fieri IQ: Dashboard, Insight, Notify
  - Fieri Manage (optional)

## File format support

- Adobe® PostScript® Levels 1, 2, 3; Adobe PDF; PDF/X-1a, 3, and 4; Optimized PDF and PS, EPS, TIFF
- JPEG (via Hot Folders)

## Integration

- Fieri JDF v1.8
- Fieri API
- MIS and Web-to-Print integration ready
- Prepress workflow integration (Heidelberg® Prinect, Kodak® PRINERGY, Agfa® Apogee, SCREEN EQUIOS)

## Security

- Security profiles, Security Audit Log
- FIPS 140-2 compliant data encryption
- ISO/IEC 15408 & IEEE Std 2600 (Common Criteria) compliant
- Port blocking, IP filtering, 802.1X authentication, IPsec encryption, HTTPs with TLS 1.3 support
- Enhanced certificate management
- Fieri self-signed certificates are recreated automatically
- PostScript security, USB security
- Digitally signed software updates

## Networking/Connectivity

- TCP/IP, SNMP, IPP, SMB, IPv6 support, LDAP authentication,

## Optional Fieri software and hardware

- Fieri JobFlow<sup>2</sup>
- Fieri Color Profiler Suite<sup>3</sup>
- ES-3000 spectrophotometer
- Fieri Color Profiler Suite w/ ES-3000 spectrophotometer
- Fieri Color Profiler Suite w/ ES-6000 spectrophotometer
- Adobe Acrobat® Pro Kit
- Fieri Integrated WorkStation (stand only)

## Compatible RICOH software<sup>4</sup>

- RICOH ProcessDirector
- RICOH TotalFlow BatchBuilder
- RICOH TotalFlow Producer
- RICOH Supervisor

<sup>1</sup> Updated with enhancements and service releases on an ongoing basis

<sup>2</sup> Free 30-day trial available

<sup>3</sup> Free trial in demo mode

<sup>4</sup> Contact RICOH for a complete list



For more information, please visit [www.fieri.com](http://www.fieri.com)

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