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 maximise media size and optimise 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.

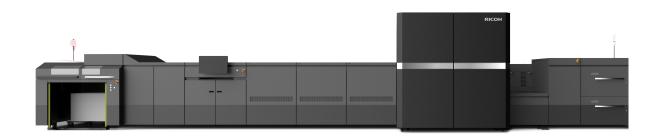- The familiar Fiery Command WorkStation® interface makes onboarding operators a breeze. You can manage all your Fiery Driven™ printers from any Mac or Windows client in a shop, or directly from the engine operator control panel with Fiery Console.

- 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™ analyses print jobs and dynamically chooses the optimal print settings. So you can be confident that jobs with 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 colour.

- Fiery Edge™ profiles deliver stunning out-of-the-box colour with the smoothest colour blends, maximum shadow details, and superb image definition.

- Built-in tools ensure the most accurate brand colour reproduction. Perform detailed colour correction while the raster preview updates on-the-fly.

Fiery Color Controller N-500 specifications

Fiery 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 Fiery software
- 2 USB 3.0 ports, 2 USB 2.0 ports

Fiery software

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

Fiery colour and imaging technology

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

Adobe interpreter support

- Adobe® PDF Print Engine® 5.5[1]
- CPSI version 3020

Performance

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

Productivity and workflow

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

Variable data printing

- Fiery FreeForm™ Create
- Supported file formats: Fiery 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

- Fiery IQ: Dashboard, Insight, Notify
  - Fiery 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

- Fiery JDF v1.8
- Fiery 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
- Fiery 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 Fiery software and hardware

- Fiery JobFlow [2]
- Fiery Color Profiler Suite [3]
- ES-3000 spectrophotometer
- Fiery Color Profiler Suite w/ ES-3000 spectrophotometer
- Fiery Color Profiler Suite w/ ES-6000 spectrophotometer
- Adobe Acrobat® Pro Kit
- Fiery Integrated WorkStation (stand only)

Compatible RICOH software[4]

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

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1 Updated with enhancements and service releases on an ongoing basis
2 Free 30-day trial available
3 Free trial in demo mode
4 Contact RICOH for a complete list

For more information, please visit www.fiery.com

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