efi *Fiery® E-47B*
FS400 Pro

Proven performance.
Uncompromised quality.

Incorporate advanced color management and workflow automation with Ricoh Color Controller E-47B to produce high-quality output every time.

Process more high-value jobs faster

Meet critical customer turnaround times and increase production capacity with the E-47B, which processes jobs two times faster than the embedded E-27B.

Gain customer loyalty with superior output

Streamline job layout with the instant visual preview and advanced makeready capabilities of the optional Fiery Impose and Fiery JobMaster™. Correct color on-the-fly and reduce wasted prints with the optional Fiery Graphic Arts Pro Package.

Impress with outstanding image quality

Produce amazing color from Fiery Edge™ — the next-generation EFI color profiling technology for Fiery Driven™ printers. Out of the box, Fiery Edge delivers stunning color with the smoothest color blends, maximum shadow details, and superb image definition.

Print crisp hair-thin lines and fine details in text with the standard Dynamic HD Text and Graphics feature.

Turn up the impact with personalization

With Fiery FreeForm™ Create, you can quickly and simply personalize existing files for free. Add variable elements such as text, images, or barcodes with just a few clicks.

Work smarter, not harder

Reduce setup time and cut waste with Fiery JobExpert™ — a built-in feature in Fiery Command WorkStation® — that automatically analyzes incoming PDF files and dynamically chooses optimal Fiery print settings.

Color Controller E-47B drives RICOH Pro C5300S/C5310S.

Color Controller E-47B specifications

Fiery Driven™ engines

- RICOH Pro C5300S/C5310S
- Supports all engine finishing devices

Hardware and platform

- Intel® Core™ i5-6500 processor, 3.2 GHz up to 3.6 GHz Turbo
- 8 GB RAM
- 1 TB HDD
- Internal DVD-RW drive
- USB 3.0 ports: 3 front, 2 rear; USB 2.0 ports: 2 rear
- Microsoft® Windows® 10 IoT Enterprise 2019 LTSC
- Fiery FS400 Pro system software

Fiery color and imaging technology

- Fiery ColorWise® color management technology
- Fiery Edge™ color profiles
- Fiery Dynamic HD Text & Graphics
- Fiery Calibrator
- Fiery Spot-On™
- PANTONE® color enabled
- Fiery Image Enhance Visual Editor
- Auto trapping
- Image smoothing

Adobe interpreter support

- CPSI version 3020
- Adobe PDF Print Engine 5*

Performance

- SmartRIP
- Scan-RIP-print simultaneously
- Spool-RIP-print simultaneously
- Sequential Print

Productivity and workflow

- Fiery Command WorkStation®
- Fiery JobExpert™
- Fiery drivers for Windows and Mac®
- Fiery WebTools™
- Booklet Maker
- Pad printing
- Sequential Print
- Copy numbering
- Fiery Hot Folders/Virtual Printers
- Fiery JobFlow™ Base
- Direct mobile printing
- Fiery Go (Android™ and iOS)
- GUI enablement

File format support

- Adobe® PostScript® Levels 1, 2, 3
- Adobe PDF
- PDF/X-1a, 3, and 4
- Encapsulated PostScript (EPS)
- Microsoft Office document formats (via Hot Folders)

Variable data printing

- Fiery FreeForm™ Create
- Supported file formats include Fiery FreeForm Plus, PPML v3.0, PDF/VT 1 and 2, Creo VPS
- Record and set level finishing support
- VDP record range printing
- Define record length
- VDP Raster Preview

Integration

- JDF v1.7
- Fiery API
- EFI MIS and web-to-print integration ready
- Prepress workflow integration (Agfa® Apogee, Kodak® PRINERGY, Heidelberg® Prinect)

Security

- Secure Erase
- Security profiles
- User data encryption
- Port-based access controls
- 802.1x advanced authentication methods
- USB security prevents connecting external storage devices
- Port blocking
- IP filtering
- IPsec network encryption
- Secure connections using HTTPs with support for TLS 1.3
- Secure Printing
- Digitally signed software updates
- Windows 10 OS security features

Networking/Connectivity

- TCP/IP, AppleTalk, Bonjour support, SNMP, Port 9100, IPP, FTP, SMB, WSD, Point and print, Print via email, IPv6 support, LDAP authentication

EMC

- FCC Class A (Canada & US)
- RCM Class A (Australia & New Zealand)
- CE Mark (EU)
- VCCI Class A (Japan)
- CCC (China)
- EN55032:2012/AC:2013 – Class A (EU)
- EN55024:2010 (EU)

Safety

- TÜV/CU Mark (Canada & US)
- TÜV/T Mark (EU)
- CE Mark (EU)
- CB Scheme IEC60950-1/IEC62368-1
- EAC (Russia)
- CCC (China)

Power supply and consumption

- Auto-switching: 100–240 VAC
- 50/60 Hz, 6 Amps @100 VAC, 3 Amps @240 VAC
- Maximum/typical power usage: 350 W/125 W

Dimensions

- Server: 20.75" (527.05 mm) H x 9.25" (234.95 mm) W x 18.25" (463.55 mm) D
- Server weight 36.5 lbs (16.5 kg)

Optional Fiery software and hardware

- TotalFlow basic bundle (Fiery Impose, EFI ES-2000 spectrophotometer)
- TotalFlow advanced bundle (Fiery Impose, Fiery Compose, Fiery Color Profiler Suite, EFI ES-2000 Spectrophotometer, Fiery Graphic Arts Pro Package*****)
- Fiery Graphic Arts Pro Package****
  - Includes Fiery Spot Pro, Fiery ImageViewer, Fiery Preflight, Fiery Postflight, and Control Bar
- Fiery Color Profiler Suite**
- EFI ES-2000 spectrophotometer
- Fiery Impose***
- Fiery Compose
- Fiery JobMaster™***
- Fiery JobFlow***
- Fiery Navigator™
- EFI™ ColorGuard™****
- Removable hard disk drive
- Fiery NX Station GL
- Fiery NX Station LS

*   Updated with enhancements and service releases on an ongoing basis

**   Free trial in demo mode

***   Free 30-day trial available

**** Free 30-day trial available and 1,2, 3, 4, or 5-year term license

***** Includes 5-year term license

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We develop breakthrough technologies for the manufacturing of signage, packaging, textiles, ceramic tiles, and personalized documents, with a wide range of printers, inks, digital front ends, and a comprehensive business and production workflow suite that transforms and streamlines the entire production process, increasing your competitiveness and boosting productivity. Visit www.efi.com or call 650-357-3500 for more information.