Fiery® EC12
Fiery FS500 Pro

Amazing output. Intelligent automation.

Fiery® EC12, driving the FUJIFILM Revoria Press™ EC1100, delivers outstanding performance, intelligent automation, and exceptional image quality.

Built-in print intelligence

- Maximize printer throughput with built-in Fiery JobExpert™ that will analyze print jobs and dynamically choose the optimal print settings.

- Increase efficiency with automation benefits from the built-in, browser-based Fiery JobFlow™ Base.

Outstanding output quality

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

- Built-in Fiery Preflight provides basic preflight checks to help spot file problems before printing.

- Add the optional Fiery Graphic Arts Pro Package for advanced spot color management, correcting color and images on the fly, and generating soft proofs.

- Ensure consistent, predictable output in an end-to end Adobe® workflow with Adobe PDF Print Engine rendering technology.

- Harness the productivity and output advantages of 1,200 x 1,200 dpi x 10-bit rendering.

Differentiate with personalization

- Fiery FreeForm™ Create, an included application, allows you to quickly and simply create personalised jobs for print production. Add variable elements such as text, images, or barcodes with just a few clicks.

A unified print room

- Manage all your Fiery Driven™ printers from Fiery Command WorkStation to centralize job management.

- Integrate your print production workflow with management information systems, Web-to-Print systems, and popular prepress workflows for end-to-end automation.

- Easily perform complex document preparation using the included Fiery Impose and Fiery JobMaster™.

Fiery EC12 specifications

Fiery Driven™ engines

- FUJIFILM Revoria Press EC1100
- Supports all engine finishing devices

Hardware and platform

- Fiery® FS500 Pro software
- Intel® Core™ i5-8500 Processor
- SSD boot drive for OS and Fiery software + 1 TB HDD
- 8 GB RAM
- Fiery QuickTouch™ software
- USB 3.0 ports: 2 rear ports, 3 on Fiery QuickTouch panel. USB 2.0: 4 rear ports.
- Microsoft® Windows® 10 IoT Enterprise 2019 LTSC
- Fiery Installer Builder

Color and imaging

- Fiery Edge™ color profiles
- Fiery Ultra Smooth Gradients (1,200 x 1,200 dpi x 10-bit rendering)
- Fiery ColorWise® color management technology
- Integrated with engine inline sensor for calibration and profiling
- Fiery Spot-On™
- PANTONE® Color Enabled
- Fiery Calibrator
- Composite overprint
- Image smoothing
- Image enhance
- Fiery Image Enhance Visual Editor
- Text and graphics enhancement: color text and graphics enhancement, trailing edge compensation, positive text growth, black text and graphics anti-aliasing, text/graphics sharpness, stroke thickening for graphics

Performance

- SmartRIP
- Spool-RIP-Print
- Strict ordered printing
- Print Time Estimation

Adobe interpreter support

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

Productivity and workflow

- Fiery Command WorkStation®
- Fiery JobExpert™
- Fiery Impose
- Fiery JobMaster (includes 5-year subscription)
- Fiery Paper Catalog (integrated with FUJIFILM Media Library Manager)
- Fiery JobFlow™ Base
- Fiery Preflight
- Fiery Hot Folders/Virtual Printers
- Fiery drivers for Linux, Windows, Mac®, and PCL
- Fiery WebTools™
- Fiery VUE
- Fiery server presets
- Fiery Go (Android™ and iOS)
- Booklet Maker
- GUI enabled
- Set Page Device mapping
- Fiery Custom Crease
- Fiery IQ: Dashboard, Insight, Notify, Go

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

File format support

- Adobe® PostScript® Levels 1, 2, 3; Adobe PDF; PDF/X-1a, 3, and 4; Optimized PDF and PS; Enhanced PCL6/PCL5
- JPEG, EPS, TIFF (via Hot Folders)
- Microsoft Office document formats: doc, docx, xls, xlsx, ppt, pptx, pps, ppsx, pub (via Hot Folders)

Integration

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

Security

- Secure Erase, Security profiles, Security Audit Log
- FIPS 140-2 compliant data encryption
- ISO/IEC 15408 & IEEE Std 2600 (Common Criteria) compliant [2]
- Option to use a customer hardened Windows OS image to meet security compliance requirements
- 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
- Secure printing, PostScript security, USB security
- Digitally signed software updates
- Authentication/Accounting

Networking/Connectivity

- TCP/IP, AppleTalk, Bonjour support, SNMP, Port 9100, IPP, FTP, SMB, WSD, point and print, print via email (PS/PDF), IPv6 support, LDAP authentication

EMI/EMC

- FCC and ISED-ICES-003 (US & Canada); EN 55032: 2015/BS 55032:2015; CE (EU)/UKCA (UK) Marks; RCM (AS/NZS) CISPR 32: 2013; CCC-China, KC – Korea; BSMI-Taiwan

Safety

- CB Scheme – IEC 62368-1: 2018; CE-Mark (EU)/UKCA-Mark (UK); UL/CSA C.22.2 No. 62368-1: 2019 (TUV-NRTL); T-Mark EN IEC 62368-1:2020 +A11; Argentina, CCC China, BSMI-Taiwan; Oman, Kuwait, South Africa; UAE - RoHS

Power

- Auto-switching: 100–240 VAC
- 50/60 Hz, 6 Amps @100 VAC, 5 Amps @240 VAC
- Maximum power usage: 350 W
- Typical power usage: 100 W

Dimensions/Weight

- Height: 527.05 mm (20.75”); Width: 234.95 mm (9.25”); Depth: 463.55 mm (18.25”)
- Weight: 16.5 kg (36.5 lbs)

Optional Fiery software and hardware

- Fiery Graphic Arts Pro Package [3,5]
  - Fiery Preflight Pro, Fiery Spot Pro, Fiery ImageViewer, Fiery Postflight, Fiery Control Bar
- Fiery JobFlow [3]
- Fiery Compose [3,5]
- Fiery Color Profiler Suite [4] w/ES-3000 spectrophotometer
- ES-6000 spectrophotometer
- Fiery disk drive security kit
- Adobe Acrobat® Pro Kit
- Fiery IQ Manage
- Fiery NX Station GL

[1] Updated with enhancements and service releases on an ongoing basis

[2] With proper configuration by end customer or service provider

[3] Free 30-day trial available

[4] Free trial in demo mode

[5] Available as a 5-year subscription

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