Fiery® Printing System 50 v2.0

Fiery FS600 Pro

High performance with maximum productivity

Fiery Printing System 50 maximises the full power of the Kyocera TASKalfa Pro 15000c, allowing you to keep more work in-house, reduce costs, and optimise production efficiency.

Print at high speed at all times

- The highest productivity and consistent quality helps keep your cost low with no slowdowns even for demanding variable data printing tasks — perfect for government, university and corporate in-plants or CRDs.

Get unparalleled colour quality

- Fiery Edge technology gets the most precise and stunning results from Fiery Driven™ printers. It achieves the best-possible gamut for both spot and process colour reproduction, plus superb image definition.

- With Fiery Spot-On™ and Fiery TrueBrand, you can ensure accurate spot colours on all job types — even Microsoft Office documents.

Take the guesswork out of production

- Visual, easy-to-use job management and job assembly tools such as Fiery Command WorkStation, Impose, Compose, and JobMaster help get your jobs done fast.

- Maximise printer throughput with built-in Fiery JobExpert™ that will analyse print jobs and dynamically chooses the optimal print settings.

- Automate job preparation steps in prepress workflows to produce ready-to-print files with the browser-based, built-in Fiery JobFlow™ Base.

See the power of personalisation

- 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. Plus, the Fiery server supports all major VDP formats.

Fiery Printing System 50 v2.0 specifications

Fiery Driven™ printer

- Kyocera TASKalfa Pro 15000c

Hardware and platform

- Intel® Core™ i5-12500 processor
- NVMe SSD boot drive for OS and Fiery software + 1 TB HDD SATA
- 16 GB RAM
- Five USB 3.x ports, two USB 2.0 ports
- Microsoft® Windows® 10 IoT Enterprise 2021 LTSC
- Fiery FS600 Pro software
- Fiery QuickTouch software
- Fiery Installer Builder

Performance

- SmartRIP
- Spool-RIP-print simultaneously
- Strict ordered printing

Colour and imaging

- Fiery Edge™ colour profiles
- Fiery Spot-On™
- PANTONE® Color Enabled
- Fiery Calibrator
- Fiery Edge spot color processing
- Composite overprint
- Fiery Image Enhance Visual Editor
- Fiery TrueBrand
- Image smoothing

Adobe interpreter support

- Adobe PDF Print Engine® 6.0[1]
- CPSI version 3020

Productivity and workflow

- Fiery Command WorkStation®
- Fiery JobExpert
- Fiery Smart Estimator
- Job Groups
  - Print Group
  - PDF Group [5]
- Paper Catalog
- Fiery Print Scheduler
- Print Time Estimation
- Fiery JobFlow™ Base
- Fiery Preflight
- Fiery Hot Folders/Virtual Printers
- Fiery drivers for Windows and Mac®
- Fiery VUE
- Fiery WebTools™
- Fiery server presets
- Fiery Go (Android™ and iOS)
- Booklet Maker
- Visual image shift
- Direct Mobile Printing
- Pad printing
- GUI enablement

Variable data printing

- Fiery FreeForm™ Create
- Supported file formats include 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 PostScript® and PDF, Enhanced PCL6/PCL5
- EPS; TIFF; and JPEG (via Hot Folders)
- Microsoft Office document formats: doc, docx, xls, xlsx, ppt, pptx, ppsx, pub (via Hot Folders)

Integration

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

Security

- Secure Erase (NIST 800-88 compliant), Security profiles, Security Audit Log
- Trusted platform module (TPM)
- FIPS 140-2 compliant data encryption
- 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
- TLS 1.3 support for encrypted communications: Fiery WebTools, Fiery JobFlow, IPP, Direct Mobile Printing
- Enhanced certificate management
- Fiery self-signed certificates are recreated automatically
- Secure printing, PostScript security, USB security
- Digitally signed software updates

Device management and analytics

- Fiery IQ™: Dashboard, Insight, Notify, Go
  - Fiery ColorGuard™ (optional)
  - Fiery Manage (optional)

Networking/Connectivity

- TCP/IP, Bonjour support, SNMP, Port 9100, IPP 2.0, FTP, SMB, WSD, point and print, print via email (PS/PDF), IPv6 support, LDAP authentication
- Login with SSO
- Native support for Universal Print by Microsoft
- Compliant with Mopria® industry standard

Safety

- EN IEC 62368-1:2020+A11:2020
- UL 62368-1:2019 (TUV NRTL)
- CAN/CSA C22.2 No. 62368-1:2019 (TUV NRTL)
- T-Mark by TUV, EN IEC 62368-1:2020+A11

EMI/EMC

- FCC Title 47, Part 15 Subpart B, Class A- NA
- ICES-003, Issue 5, August 2012, Class A-NA
- EN 55032:2015 + A11:2020 (EU) Class A
- EN61000-3-2: 2019
- EN610003-3: 2013+A1:2019
- EN 55035: 2017 + A11:2020
- EN62311: 2008

Country compliance marks

- United Kingdom (UK CA Mark)
- Australia and New Zealand (RCM Mark)
- US (FCC)
- Canada (IECS-003/NMB-003)
- Europe (CE Mark)
- China (CCC)
- Korea (KC Mark)
- Taiwan (BSMI)
- Japan (VCCI)
- Morocco

Power

- Auto-switching: 100–240 VAC, 7-3.5 Amps, 50/60 Hz
- Typical: 100 W, 1 Amp @ 100 V. Maximum: 350 W, 7 Amp @ 100 V

Dimensions

- Height: 20.75" (527.05 mm), Width: 9.25" (234.95 mm), Depth: 18.25" (463.55 mm)
- Weight: 36.5 lb (16.5 kg)

Optional Fiery software and hardware

- Fiery Impose [4] subscription
- Fiery Compose [3] subscription
- Fiery JobMaster™ [3] subscription
- Fiery Graphic Arts Pro Package [3] subscription
  - Includes Fiery Spot Pro, Fiery ImageViewer, Fiery Preflight Pro, Fiery Postflight, and Fiery Control Bar
- Fiery JobFlow [3]
- Fiery Color Profiler Suite [4]
- Fiery ES-3000 spectrophotometer
- Fiery ES-6000 spectrophotometer
- Fiery disk drive security kit
- Fiery High Security Kit v1.0
- Adobe® Acrobat® Pro Kit
- Fiery ColorGuard
- Fiery Manage
- Fiery NX Station GL / LS

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[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] Requires subscription license for Fiery Impose, Compose, or JobMaster

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