Fiery® MIC-4170

FS500 Pro

More high-value jobs, faster

Produce high-value, complex applications with superior image quality to maximize your profitability with Fiery® MIC-4170 v2 driving the Konica Minolta AccurioPress 6120/6136/6136P/6272P/7120/7136/7136p Digital Press.

Boost performance with clever, simple solutions

- Boost productivity with the power of the new, advanced Fiery FS500 Pro platform through the tightly integrated Fiery workflow in Fiery Command WorkStation®.

- Meet critical customer turnaround times and increase production capacity with the MIC-4170, which processes jobs 41% faster than the MIC-4160.

- Automate job preparation steps in prepress workflows to produce ready-to-print files with Fiery JobFlow™ Base. This easy-to-use automation software increases productivity and reduces costs.

- The Fiery server is compatible with the Konica Minolta IQ-501 Intelligent Quality Optimizer for automated density control and accurate front-to-back registration, reducing operator set up time.

Get optimal image quality

- Use the power of Fiery JobExpert™ to analyze print jobs and dynamically choose the optimal print setting.

- Perform grayscale calibration to preserve and enhance shadow detail as well as maintain a precise match for upper and lower tonal ranges.

- Inspect jobs with Fiery ImageViewer for Black and White. Make black curve adjustments to optimise image quality and save them for future use.

- Identify potential errors like low-resolution images, overprints, hairlines, missing fonts, and more with the integrated capabilities of Fiery Preflight.

- Achieve consistent, predictable results with industry standard Native Adobe PDF Print Engine 5.5 processing and PDF 2.0 ready DFE.

MIC-4170 v2 specifications

Fiery Driven engines

- Konica Minolta AccurioPress 6120/6136/6136P/6272P/7120/7136/7136p
- Supports all engine finishing devices
- Compatible with Konica Minolta IQ-501

Hardware and platform

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

File format support

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

Fiery imaging technology

- Fiery grayscale calibration
- Image smoothing
- Black custom screening
- Fiery ImageViewer for Black and White

Productivity and workflow

- Fiery Command WorkStation
- Fiery JobExpert

- Fiery drivers for Windows and Mac® users
- Fiery WebTools™
- Booklet Maker
- Pad printing
- Fiery Hot Folders/Virtual Printers
- Fiery JobFlow™ Base
- Fiery Preflight
- Direct mobile printing
- Fiery Go (Android™ and iOS)
- Print Time Estimation
- GUI enabled (FACI)
- Fiery Finishing Designer

Performance

- SmartRIP
- Spool-RIP-print simultaneously
- Scan-RIP-print simultaneously

Variable data printing

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

JDF/JMF support

- Fiery JDF v1.8 Integrated Digital Printing (IDP) ICS certified
- EFI MIS and Web-to-Print integration ready
- Prepress workflow integration (Agfa® :Apogee, Kodak® Prinergy, Heidelberg® Prinect)

Adobe interpreter support

- CPSI version 3020
- Adobe PDF Print Engine 5.5 **

Optional Fiery software and hardware

- Fiery Impose*
- Fiery Compose
- Fiery Impose-Compose
- Fiery JobMaster™*
- Fiery JobMaster-Impose *
- Fiery JobFlow™ *
- EFI Manage
- EFI ES-3000 spectrophotometer
- Adobe® Acrobat® Pro Kit
- Fiery Disk Drive Security Kit
- Fiery NX Station GL / LS

Security

- Secure erase, Security Profiles, Security Audit Logs
- FIPS 140-2 compliant user data encryption
- Port blocking, IP filtering, 802.1x authentication, IPsec encryption, HTTPs with TLS 1.3 support
- Enhanced certificate management
- Secure printing, PostScript security, USB security
- Windows 10 OS security features
- Digitally signed software updates

Networking/Connectivity

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

EMC

- FCC and ICES (US & Canada).
- EN & BS 55032: EU/UK.
- EN55032: 2013-Aus/NZS
- EN & BS 55035 – Immunity STD

Safety

- TUV_CB Scheme IEC EN IEC 62368-1
- CE Mark (EU)
- UKCA Mark (UK)
- TUV UL/CAN/CSA (USA and Canada)
- TUV T- Mark (EU)

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

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

* Free 30-day trial available

** Updated with enhancements and service releases on an ongoing basis

For more information, please visit solutions.fiery.com/km/mic4160-mic4170