KONICA MINOLTA

20
YEARS OF PRINT
POSSIBILITIES

AccurioPress C7100 ENHANCED ≫

THE NEW ACCURIOPRESS RANGE

REACH YOUR
AMBITION

Giving Shape to Ideas

DISCOVER THE WAY AHEAD

At a time of changing customer needs, growing competition and a rapidly transforming technology landscape, you can trust AccurioPress to streamline your operations and boost productivity, empowering you to expand your service offer and conquer new markets with confidence and creativity.

The enhanced AccurioPress C7100 is built for automation, efficiency and reliability in small and midsize print environments, supported by a global team of specialists dedicated to helping you achieve your business goals.

Intelligent Automation

AccurioPress features proprietary technology that automates many of the time-consuming manual tasks that slow down the production cycle. With reduced setup times, less error and fewer interruptions, operators are freed up to focus on the skilled creative work that delivers most value to your customers and your business.

Reliable Performance

Your ability to deliver flawless quality, faultless color reproduction and dependable delivery times is what sets you apart from your competitors. Our ability to support you, every step of the way, is what sets us apart from ours. Our machines are built for heavy-duty use and compact efficiency at speed, with remote monitoring and diagnostics to ensure maximum uptime, so you can continue to meet your customers' most exacting demands, day after day.

Sustainable Efficiency

Reductions in energy and resource consumption deliver big savings over the life of your investment, enabled by Konica Minolta's holistic sustainability-first approach. Further efficiencies delivered by inline integration, automated media detection and intelligent quality optimization save time and money by minimizing downtime and waste while keeping you on track to deliver on tight deadlines.

Trusted Support

Beyond machine installation and maintenance, we bring a wealth of technical and commercial expertise to support you in pursuit of your business goals. With over twenty years of innovating at the forefront of production print, our team of expert consultants is uniquely qualified to help you identify new revenue opportunities, optimize your production flows and solve your business challenges.

BUILT FOR BUSINESS

The enhanced AccurioPress C7100 is designed with an unswerving focus on delivering additional value to your business.

The ability to deliver quality, accuracy and consistency on deadline is vital to building the **customer loyalty** on which your business growth depends.

Reduced energy and resource consumption, and less waste, will save money and **enhance your environmental** credentials among all stakeholders.

Streamlined workflows and automated processes make both people and machines **more productive** and increase job satisfaction for you and your employees.

By adding new capabilities you can expand your service offering, opening up **new markets and revenue opportunities** to fuel future growth.

Robust, heavy-duty build and responsive maintenance and repair services mean **less downtime**, less disruption and fewer deadlines missed.

OPTIMIZED FOR GROWTH

Supported by Konica Minolta's global team of technical and commercial experts, the enhanced AccurioPress C7100 feature a suite of upgraded technologies to deliver these business benefits and help you reach your ambition.

Intelligent Color Control accurately measures and controls colors through use of L* a* b* values during production, ensuring quality and consistency every time.

Intelligent Quality Care automates image registration and color control in a closed-loop system that constantly monitors and adjusts output without interrupting workflows, eliminating the need for time-consuming manual checks.

Innovative **Simitri® V toner** system delivers consistently outstanding print quality and both gloss and offset matte finishes on the widest range of materials, with lower fusing temperature to reduce energy consumption.

Konica Minolta's advanced color processing technology – Screen-Enhancing Active Digital Process (**S.E.A.D. X**) – ensures accurate color management at high speed, efficiently maintaining consistent quality with minimal disruption to ensure customer expectations can be met or exceeded – every time.

Vacuum paper feeding for formats up to 900mm length ensures smooth paper handling throughout the system. An optional heating unit is available for offset preprinted and coated stock and high humidity environments.

Compact, space-efficient design optimizes physical footprint for smaller print environments.

Konica Minolta's **Clean Planet Program** offers cost-free recycling to help businesses minimize environmental impact and meet sustainability goals.

A TRUSTED PARTNER

At Konica Minolta, we understand that we only succeed when you do. Accordingly, we approach customer relationships as partnerships in growth, delivering ongoing value by solving your problems, building your confidence, and providing expert guidance and ongoing assistance to maximize the value of every job you undertake.

From pre-sales to onboarding to troubleshooting, our technical specialists offer accessible expertise to help you gain maximum business value from your investments.

And beyond the machine, we offer a wealth of industry knowledge and commercial experience to help you optimize workflows and identify new revenue streams.

DESIGNING FOR TOMORROW

We're committed to sustainable development at every stage of the product life cycle. In fact, as part of the 50 Climate Leaders initiative, we've joined forces with some of the world's biggest manufacturing companies to help combat climate change.

We offset all emissions produced in the manufacturing and transportation of our products and we can work with you to offset any unavoidable CO_2 emissions resulting from your production printing.

And once you've finished with any of our products, we offer a high-quality returns and recycling service - reducing waste, increasing efficiency, and helping to preserve natural resources for future generations.

REDEFINING WHAT'S POSSIBLE IN PRODUCTION PRINT

WHAT'S NEW, IMPROVED AND UPDATED IN THE AccurioPress C7100 ENHANCED »

PERFECT IMAGE QUALITY

- Intelligent Color Control
- S.E.A.D. X Image Processing
- 2,400 x 3,600 equiv. dpi x 8bit
- Advanced color reproduction at high speed
- Image density control

HIGH PERFORMANCE

AccurioPress C7100 Enhanced

- Duty Cycle up to 1.8 million prints
- Up to 100ppm A4 color
- Up to 53ppm SRA3 color

HEAVY DUTY RELIABILITY

- Long-life platform, long-lasting parts & consumables
- Accurate front to back registration
- Profitable short-run printing with maximum efficiency
- Remote monitoring and diagnostics
- Responsive maintenance and repair

SOPHISTICATED MEDIA HANDLING

- Automated media recognition
- Vacuum feeding technology
- 15,150 sheets input capacity with up to 11 input trays
- 2,300 sheets input capacity for long sheets (up to 900 mm)

INTUITIVE USER EXPERIENCE

- Simple paper catalogue settings
- Operator-replaceable parts
- Auto Inspection Technology
- Intelligent Color Control

COMPREHENSIVE MEDIA PROCESSING

- Up to 400g/m2 in simplex & duplex printing
- Long sheet size to 1,300mm (duplex up to 900mm)
- Air-blow fusing separation for thin paper feeding
- Envelope printing & embossed paper support
- Optional inter-cooler curl eliminator
- 102-sheet auto ring binding

INLINE FINISHING

- 50-sheet booklet making with front trimming and optional creasing, slitting and spine corner forming
- 100-sheet stapling with cutting mechanism
- Automated inline business card and postcard cutting
- Multi (GBC) punching and 2- & 4-hole punching
- Folding x6; creasing x5 downwards or upwards
- Large-capacity stacking
- Perforations x2 feed, x5 cross feed

SUSTAINABLE BY DESIGN

- Simitri® V Toner offering gloss and matte finishes
- Lower fusing temperature
- Clean Planet Program
- Cost-free recycling

10 GOOD REASONS
of AccurioPress C7100 ENHANCED

1. BUSINESS EXPANSION
Compatible with thin to thick media and superior banner printing capabilities

2. INTELLIGENT AUTOMATION
Minimize preparation time with easy and quick setup routines, e.g. for media, colours, registration

3. AUTOMATED FINISHING
Many unique inline finishing options to create ready-to-ship booklets, perfect bound books, ring binding, business cards or full bleed banners and many more

4. FAST TURN AROUND
Same high engine performance on all kinds of media combined with closed loop quality control and inspection technology

5. NEW PRINT PRODUCTS
Extend your offerings with textured media, envelope and long sheet duplex printing

6. HIGHEST RELIABILITY
Durable design and accurate registration for quality products with minimum waste

7. SUPERB IMAGE QUALITY
Simitri V, high print resolution and Konica Minolta's very own imaging technology guarantee happy customers

8. WORRY-FREE OPERATION
Real-time quality control for consistent and faultless print products

9. INCREASED UPTIME
Long-lasting consumables, high paper input capacity and dependable productivity secure uninterrupted production

10. EASE OF USE
Even novice operators will get very good and consistent results at the tip of a finger.
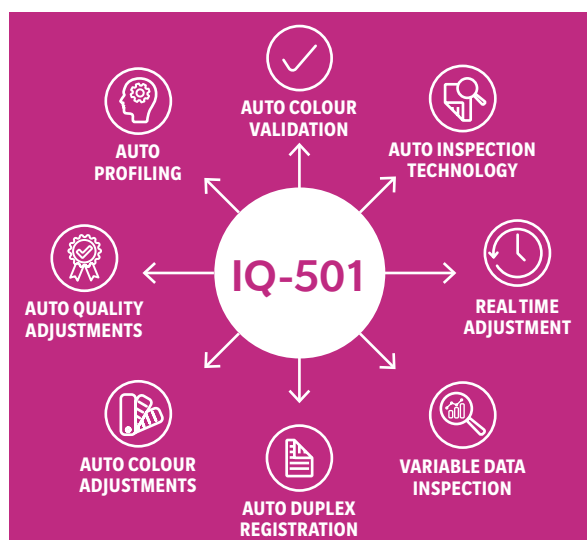
INNOVATE PRINT
RETHINK TECHNOLOGY

Simitri V

Intelligent Quality Optimiser IQ-501

The Intelligent Quality Optimiser IQ-501 takes colour consistency and registration accuracy to the next level. With highly automated image registration and colour control, a closed-loop system that constantly monitors and adjusts printed output, and automated colour calibration and profiling, IQ-501 delivers streamlined operator time, reduced print waste, and industry-leading productivity!

Simitri® V Toner

Konica Minolta's innovative Toner technology Simitri® V gives superb print quality and an offset matte finish. Furthermore it supports the high productivity of AccurioPress C7100 Enhanced series & it requires a lower fusing temperature which reduces the energy consumption of the system and the impact of the printing process on the paper. Simitri V was designed to easily follow the surface of the paper or substrate to guarantee best possible print quality on embossed, structured or recycled materials.

AUTO COLOUR VALIDATION
AUTO INSPECTION TECHNOLOGY
AUTO PROFILING
IQ-501
REAL TIME ADJUSTMENT
AUTO QUALITY ADJUSTMENTS
AUTO COLOUR ADJUSTMENTS
AUTO DUPLEX REGISTRATION
VARIABLE DATA INSPECTION

S.E.A.D. X Image Processing

Konica Minolta's own advanced colour processing technology of the fifth generation is called S.E.A.D. X, which stands for "Screen-Enhancing Active Digital Process", and combines an array of technical innovations to guarantee truly exceptional colour reproduction at top speed.

STREAMLINE YOUR PRODUCTION
RETHINK YOUR WORKFLOW

Evolving from our expertise in precision technologies and more than 80 years of experience in the printing and imaging industries, AccurioPro reflects our commitment to developing market-shaping technology with functionality that enables your business to grow. AccurioPro, Konica Minolta's suite of digital solutions for professional printing, is one of the industry's most versatile and powerful tools to optimise print production operations and workflows.

For all printing companies looking to integrate their printing as well as businesses that use digital printing to produce their own in-house publications and

promotional materials, AccurioPro boosts speed and efficiency, expands capabilities and services, and reduces the need for operational manpower – all of which will help improve your profitability!

The comprehensive suite of features that AccurioPro offers includes centralised management, software for automated workflow processing, colour management, seamless integration of different printing technologies and full connectivity of all Konica Minolta printing systems used from input to output.
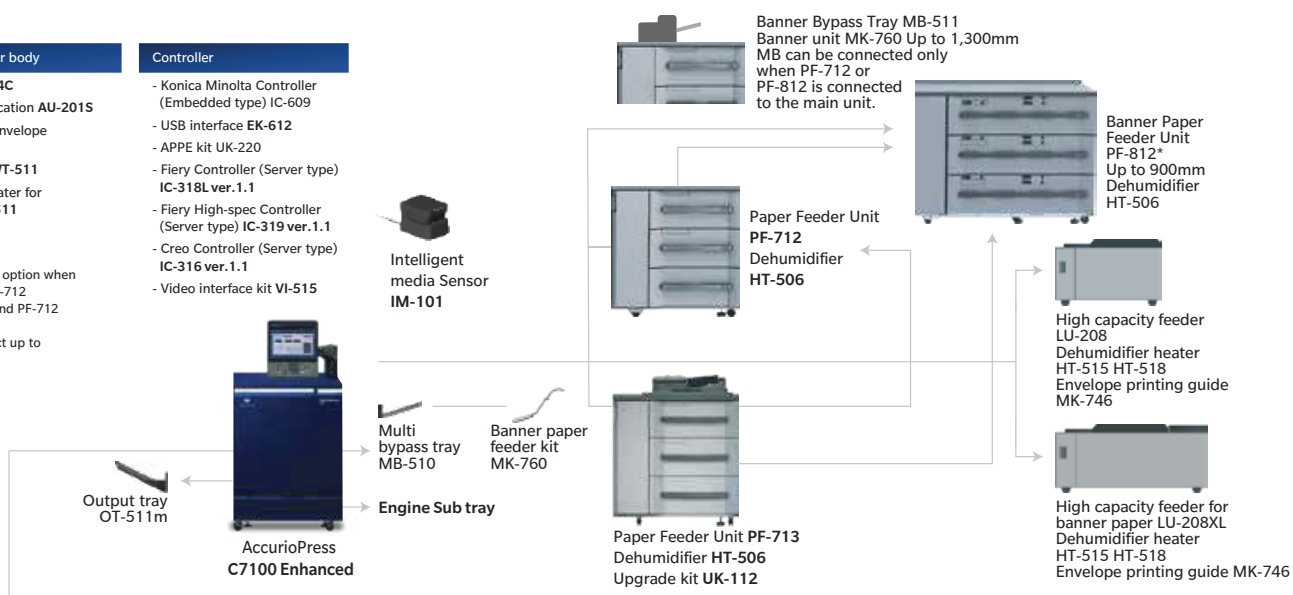
Options for printer body

- Pat-light **MK-744C**
- IC card authentication **AU-201S**
- Fusing unit for envelope printing **EF-108**
- Working table **WT-511**
- Dehumidifier heater for printer tray **HT-511**

*Feed Adjuster
FA-505
This is a necessary option when connecting two PF-712 or more units behind PF-712 or PF-713.
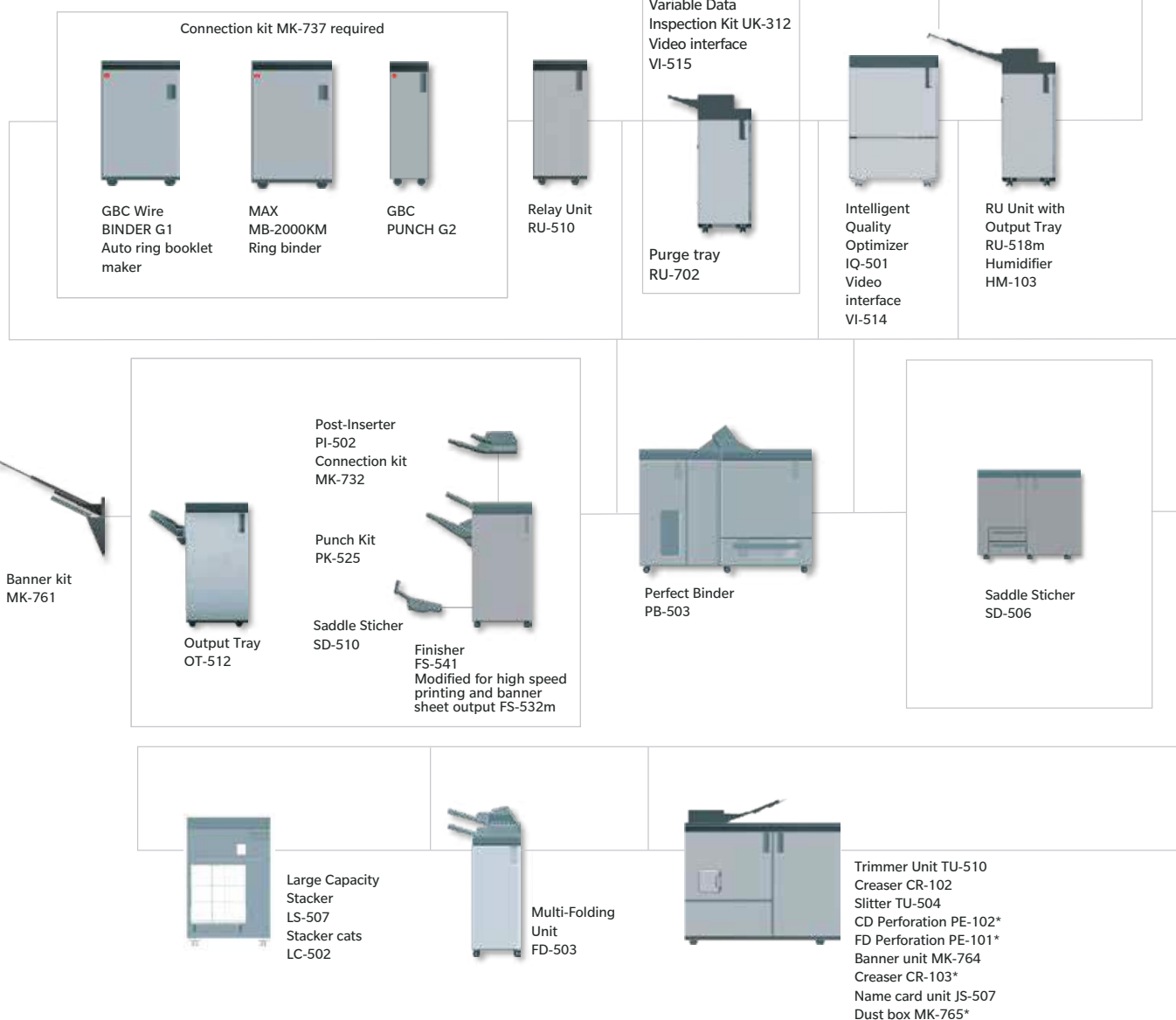PF-712 can connect up to three of them.

Controller

- Konica Minolta Controller (Embedded type) IC-609
- USB interface **EK-612**
- APPE kit UK-220
- Fiery Controller (Server type) **IC-318L ver.1.1**
- Fiery High-spec Controller (Server type) **IC-319 ver.1.1**
- Creo Controller (Server type) **IC-316 ver.1.1**
- Video interface kit **VI-515**

Intelligent media Sensor **IM-101**

Banner Bypass Tray MB-511
Banner unit MK-760 Up to 1,300mm
MB can be connected only when PF-712 or PF-812 is connected to the main unit.

Banner Paper Feeder Unit PF-812*
Up to 900mm
Dehumidifier HT-506

Paper Feeder Unit **PF-712**
Dehumidifier **HT-506**

High capacity feeder LU-208
Dehumidifier heater HT-515 HT-518
Envelope printing guide MK-746

Multi bypass tray MB-510

Banner paper feeder kit MK-760

Output tray OT-511m

AccurioPress **C7100 Enhanced**

Engine Sub tray

Paper Feeder Unit **PF-713**
Dehumidifier **HT-506**
Upgrade kit **UK-112**

High capacity feeder for banner paper LU-208XL
Dehumidifier heater HT-515 HT-518
Envelope printing guide MK-746

Auto inspection options

Auto inspection unit UK-301
Inspection Enhancement Kit UK-311
Variable Data Inspection Kit UK-312
Video interface VI-515

Banner kit MK-761

Connection kit MK-737 required

GBC Wire BINDER G1
Auto ring booklet maker

MAX MB-2000KM
Ring binder

GBC PUNCH G2

Relay Unit RU-510

Purge tray RU-702

Intelligent Quality Optimizer IQ-501
Video interface VI-514

RU Unit with Output Tray RU-518m
Humidifier HM-103

Banner kit MK-761

Output Tray OT-512

Post-Inserter PI-502
Connection kit MK-732

Punch Kit PK-525

Saddle Sticher SD-510

Finisher FS-541
Modified for high speed printing and banner sheet output FS-532m

Perfect Binder PB-503

Saddle Sticher SD-506

Large Capacity Stacker LS-507
Stacker cats LC-502

Multi-Folding Unit FD-503

Trimmer Unit TU-510
Creaser CR-102
Slitter TU-504
CD Perforation PE-102*
FD Perforation PE-101*
Banner unit MK-764
Creaser CR-103*
Name card unit JS-507
Dust box MK-765*

TECHNICAL SPECIFICATIONS
RETHINK PRODUCTION PRINTING

SYSTEM SPECIFICATIONS

	AccurioPress C7100 Enhanced
Resolution	2,400 x 3,600 equiv. dpi x 8 bit
Paper weight	52–400 g/m²
Duplex unit	Non-stack type; 52–400 g/m²
Paper sizes	330.2 x 487.7 mm
	330.2 x 900 mm (max.duplex)
	330.2 x 1,300 mm (max. simplex)
Paper capacity	15,140 sh
	*When 3 paper feeders connected in series (PF-713+PF-712x2 or PF-712x3) and bypass tray connected
Engine sub tray	1000 Sheets Capacity (256 g/m²)
Paper format	Min: 139.7x182 mm
	Max: 330.2x487.7mm
Max. original size	A3
Main unit dimensions (W x D x H)	800 x 1,138 x 1,478 mm
Main unit weight	335 kg

PRODUCTIVITY

	AccurioPress C7100 Enhanced
A4 colour - max. per minute	100 ppm
A4 mono - max. per minute	110 ppm
SRA3 colour - max. per minute	53 ppm
SRA3 mono - max. per minute	58 ppm
A4 colour - max. per hour	5,613 pph
A4 mono - max. per hour	6,103 pph

Intelligent Quality Optimiser IQ-501

	AccurioPress C7100 Enhanced
Mountable options	Paper Inspection Unit UK-301, Relay Conveyance Unit RU-702
Max. detection area	100 × 139 to 331 × 1,300 mm *Conforms to functional specification
Paper weight	52 to 450 gsm
Dimensions (W × D × H)	663 × 696 × 1,020 mm
Weight	Approx. 184 kg

Hybrid Decurler RU-518m

Function	Equipped with paper cooler and decurler, relay transport and ejection
Mountable option	Humidifier HM-103
Paper size *1	SRA3, A3, B4, SRA4, A4, B5, A5, B6S, A6S, postcard, Non-standard size (max. 331 × 1,300 mm, min.100 × 139 mm)
Paper weight	52 to 450 gsm
Max. stack capacity *1	Up to 762 mm: 100 sh (80 gsm), 762.1 mm or longer: 1 sh
Dimensions (W × D × H)	410 × 720 × 1,135 mm
Weight	Approx. 95.4 kg

KONICA MINOLTA IMAGE CONTROLLER IC-609

Architecture	Internal
OS	Linux
OS supported, PS (Internal)	Windows 8.1*²/10*² (Optional)
CPU	Intel Core i5 6500
Clock speed	3.2 GHz
RAM std	16 GB
HDD	2 TB (2 x 1TB)
Page-description language	Adobe PostScript 3; APPE (with UK-220); TIFF v6; PDF 1.7, X-1a, X-3, X-4, VT2; PPML 2.2; PCL 5c; XL; PCL XL; JDF/JMF
Applicable OS	Windows 8.1/10; Windows Server 2012/R2/2016/2019; Mac OS 10.12–15, Mac OS 11

FIERY IMAGE CONTROLLER IC-319

Architecture	External
OS	Windows 10
CPU	Intel® Xeon 5118
Clock speed	2.3 GHz
RAM std	32 GB
HDD	4,5 TB
Page-description language	Adobe PostSript 3; PDF v1.7; APPE v5; PDF/VT-1/-2 v3; PDF/X1a,3,4; PPML v3.0; PCL; Creo VPS
Applicable OS	Windows 8.1/10; Windows Server 2012/R2/2016/2019; Mac OS 10.14-10.15, Mac OS 11

FIERY IMAGE CONTROLLER IC-318L

Architecture	External
OS	Windows 10
CPU	Intel i7-6700
Clock speed	3.4 GHz
RAM std	16 GB
HDD	1 TB
Page-description language	Adobe PostSript 3; PDF v1.7; APPE v5; PDF/VT-1/-2 v3; PDF/X1a,3,4; PPML v3.0; PCL; Creo VPS
Applicable OS	Windows 8.1/10; Windows Server 2012/R2/2016/2019; Mac OS 10.14-10.15, Mac OS 11

CREO IMAGE CONTROLLER IC-316

Architecture	External
OS	Windows 10
CPU	Intel i7-8700
Clock speed	3.2 GHz
RAM std	20 GB
HDD	8 TB
Page-description language	Adobe PostScript 3; PDF v1.7; APPE v4.9; PDF/VT-1/-2; PDF/X1a,3,4; PPML v2.2; Creo VPS; AFP, IPDS; JPEG; TIFF (v6,1bit)
Applicable OS	Windows 8.1/10; Windows Server 2012/R2/2016/2019; Mac OS 10.12–15

– All specifications refer to A4-size paper of 80 g/m² quality.
– The support and availability of the listed specifications and functionalities varies depending on operating systems, applications and network protocols as well as network and system configurations.
– Some of the product illustrations contain optional accessories.
– Specifications and accessories are based on the information available at the time of printing and are subject to change without notice.
– Konica Minolta does not warrant that any prices or specifications mentioned will be error-free.
– All brand and product names may be registered trademarks or trademarks of their respective holders and are hereby acknowledged.
– *1: Banner paper printable when MK-761 is installed
– *2: 32-bit (x86) / 64-bit (x64) environment supported