

DEVELOP

DOKU PARTNER
BEDST PÅ PRINT, SCAN & KOPIMASKINER

Dynamic balance

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ineo+ 450i



- > Colour A3
multifunctional
- > Up to 45 ppm

Option diagram

1 Enhanced Features
PDF enhancements LK-102v3
OCR text recognition LK-105v4
Barcode fonts LK-106
Unicode fonts LK-107
OCR A and B fonts LK-108
Document converter pack LK-110v2
ThinPrint® client LK-111
Serverless pull printing LK-114
Trusted Platform Module LK-115v2
Antivirus LK-116
FOIP activation LK-117



2 Connectivity
Fax board FK-514
Wireless LAN UK-221
USB I/F kit EK-608
USB I/F kit EK-609
Fiery controller IC-420
Interface kit for IC-420 VI-516
Interface board for IC-420 UK-115
Biometric authentication AU-102
ID card reader
Mount kit MK-735

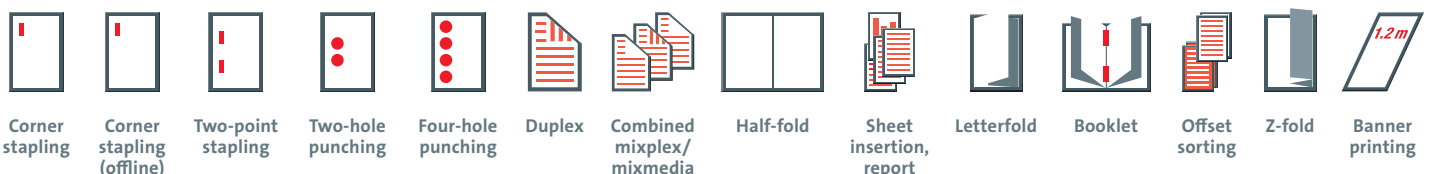
3 Others
Working table WT-506
10-Key pad KP-102
Security kit SC-509
Replacement SSD EM-908
Keyboard holder KH-102
Air cleaning unit CU-102

4 Media Input
1x Universal tray PC-116
2x Universal tray PC-216
Large capacity tray PC-416
Large capacity tray PC-417
Copier desk DK-516x
Large capacity tray LU-302
Large capacity tray LU-207
Banner tray BT-C1e

5 Media output			
Output tray OT-513	Inner finisher FS-533	Staple finisher FS-539	Staple finisher FS-540
Job separator JS-508	Attachment kit MK-607	Relay unit RU-513	Relay unit RU-513
	Punch kit for FS-533 PK-519	Booklet finisher FS-539SD	Booklet finisher FS-540SD
		Relay unit RU-513	Relay unit RU-513
		Punch kit for FS-539/SD PK-524	Punch kit for FS-540/SD PK-526
			Post inserter for FS-540/SD PI-507
			Job separator for FS-540/SD JS-602
			Z-fold unit for FS-540/SD ZU-609

legend
Mandatory option
Option
This option can only be installed with the respective option above it

Finishing functionalities



Description

Enhanced Features

LK-102v3 PDF enhancements	PDF/A(1b), PDF encryption, digital signature
LK-105v4 OCR text recognition	Searchable PDF and PPTX
LK-106 Barcode fonts	Supports native barcode printing
LK-107 Unicode fonts	Supports native Unicode printing
LK-108 OCR A and B fonts	Supports native OCR A and B font printing
LK-110v2 Document converter pack	Generates various file formats incl. DOCX, XLSX and PDF/A
LK-111 ThinPrint® client	Print data compression for reduced network impact
LK-114 Serverless pull printing	Secure and Follow Me printing solution requiring no server application

LK-115v2 Trusted Platform Module	Trusted Platform Module for protection of data encryption and decryption
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LK-116 Antivirus	Bitdefender® antivirus provides real time scanning of all incoming and outgoing data
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LK-117 FOIP activation	Fax over IP networks (T.38), requires fax kit
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Connectivity

FK-514 Fax board	Super G3 fax, digital fax functionality
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UK-221 Wireless LAN	Wireless LAN and wireless LAN Access Point Mode
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EK-608 USB I/F kit	USB keyboard connection
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EK-609 USB I/F kit	USB keyboard connection; Bluetooth
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IC-420 Fiery controller	Professional colour print controller
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VI-516 Interface kit for IC-420	Fiery controller interface card
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UK-115 Interface board for IC-420	Fiery controller interface board
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AU-102 Biometric authentication	Finger vein scanner
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ID card reader	Various ID card technologies
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MK-735 Mount kit	Installation kit for ID card reader
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Others

WT-506 Working table	Authentication device placement
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KP-102 10-Key pad	For use instead of touchscreen
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SC-509 Security kit	Copy guard function
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EM-908 Replacement SSD	1 TB SSD to increase storage space
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KH-102 Keyboard holder	To place USB keyboard
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CU-102 Air cleaning unit	Improving indoor air quality by reduced emission
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Media Input

PC-116 1x Universal tray	500 sheets, A5–A3, 52–256 g/m ²
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PC-216 2x Universal tray	2x 500 sheets, A5–A3, 52–256 g/m ²
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PC-416 Large capacity tray	2,500 sheets, A4, 52–256 g/m ²
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PC-417 Large capacity tray	1,500 + 1,000 sheets, A5–A4, 52–256 g/m ²
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LU-302 Large capacity tray	3,000 sheets, A4, 52–256 g/m ²
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LU-207 Large capacity tray	2,500 sheets, A4–SRA3, 52–256 g/m ²
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BT-C1e Banner tray	Multipage banner feeding
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DK-516x Copier desk	Provides storage space for print media and other materials
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Media Output

OT-513 Output tray	Output tray used instead of finisher
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JS-508 Job separator	Separation of fax output; etc.
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FS-533 Inner finisher	50-sheet stapling, 500 sheets max. output
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MK-607 Attachment kit	For FS-533 installation
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PK-519 Punch kit for FS-533	2/4 hole punching, autoswitching
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FS-539 Staple finisher	50 sheets stapling; 3,200 sheets max. output
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FS-539SD Booklet finisher	50 sheets stapling; 20 sheets booklet finisher; 2,200 sheets max. output
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PK-524 Punch kit for FS-539/SD	2/4 hole punching; autoswitching
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FS-540 Staple finisher	100 sheets stapling; 3,200 sheets max. output
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FS-540SD Booklet finisher	100 sheets stapling; 20 sheets booklet finisher; 2,700 sheets max. output
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PK-526 Punch kit for FS-540/SD	2/4 hole punching; autoswitching
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RU-513 Relay unit	For FS-539/SD or FS-540/SD installation
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JS-602 Job separator for FS-540/SD	Separation of fax output; etc.
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PI-507 Post inserter for FS-540/SD	Cover insertion; post finishing
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ZU-609 Z-fold unit for FS-540/SD	Z-fold for A3 prints
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Technical specifications

SYSTEM SPECIFICATIONS

System speed A4	Up to 45/45 ppm (mono/colour)
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System speed A3	Up to 22/22 ppm (mono/colour)
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Autoduplex speed A4	Up to 45/45 ppm (mono/colour)
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1st page out time A4	3.8/5.0 sec. (mono/colour)
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Warm-up time	Approx. 15/17 sec. (mono/colour) ¹
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Imaging technology	Laser
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Toner technology	HD polymerised toner
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Panel size/resolution	10.1" / 1024 x 600
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System memory	8,192 MB (standard/max)
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System hard drive	256 GB SSD (standard) / 1 TB SSD (optional)
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Interface	10/100/1,000-Base-T Ethernet; USB 2.0; Wi-Fi 802.11 b/g/n/ac (optional)
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Network protocols	TCP/IP (IPv4 / IPv6); SMB; LPD; IPP; SNMP; HTTP(S); Bonjour
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Automatic document feeder	Up to 300 originals; A6–A3; 35–210 g/m ² ; Dualscan ADF
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ADF double feed detection	Standard
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Printable paper size	A6–SRA3; customized paper sizes; banner paper max. 1,200 x 297 mm
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Printable paper weight	52–300 g/m ²
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Paper input capacity	1,150 sheets / 6,650 sheets (standard/max)
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Paper tray input (standard)	1x 500; A6–A3; custom sizes; 52–256 g/m ²
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Paper tray input (optional)	1x 500; A5–SRA3; custom sizes; 52–256 g/m ²
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Paper tray input (optional)	1x 500 sheets; A5–A3; 52–256 g/m ²
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Paper tray input (optional)	2x 500 sheets; A5–A3; 52–256 g/m ²
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Paper tray input (optional)	1x 2,500 sheets; A4; 52–256 g/m ²
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Paper tray input (optional)	1x 1,500 + 1x 1,000 sheets; A5–A4; 52–256 g/m ²
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SYSTEM SPECIFICATIONS

Large capacity tray (optional)	1x 3,000; A4; 52–256 g/m ²
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Manual bypass	1x 2,500; A4–SRA3; custom sizes; 52–256 g/m ²
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Finishing modes (optional)	150 sheets; A6–SRA3; custom sizes; banner; 60–300 g/m ²
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Automatic duplexing	Offset; Group; Sort; Staple; Staple (offline); Punch; Half-fold; Letter-fold; Booklet; Post insertion; Z-fold
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Output capacity	A6-SRA3; 52–256 g/m ²
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Stapling	Up to 250 sheets / up to 3,300 sheets (standard/max)
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Stapling output capacity	Max. 100 sheets or 98 sheets + 2 cover sheets (up to 300 g/m ²)
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Letter fold	Max. 200 sets
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Letter fold capacity	Max. 3 sheets
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Booklet	Max. 50 sets; unlimited (without tray)
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Booklet output capacity	Max. 20 sheets or 19 sheets + 1 cover sheet (up to 300 g/m ²)
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Duty cycle (monthly)	Max. 35 booklets; unlimited (without tray)
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Toner lifetime	Rec. 40,000 pages; Max. ² 200,000 pages
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Imaging unit lifetime	Black up to 28,000 pages
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Imaging unit lifetime	CMY up to 28,000 pages
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Imaging unit lifetime	Black up to 240,000/1,000,000 pages (drum/developer)
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Imaging unit lifetime	CMY up to 155,000/1,000,000 pages (drum/developer)
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Power consumption	220–240 V / 50/60 Hz; Less than 1.58 kW
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System dimension (W x D x H)	615 x 688 x 961 mm (without options)
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System weight	Approx. 100.0 kg (without options)
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PRINTER SPECIFICATIONS

Print resolution	1,800 (equivalent) x 600 dpi; 1200 x 1200 dpi
Page description language	PCL 6 (XL3.0); PCL 5c; PostScript 3 (CPSI 3016); XPS
Operating systems	Windows 7 (32/64); Windows 8.1 (32/64); Windows 10 (32/64); Windows Server 2008 (32/64); Windows Server 2008 R2; Windows Server 2012; Windows Server 2012 R2; Windows Server 2016; Windows Server 2019; Macintosh OS X 10.10 or later; Unix; Linux; Citrix
Printer fonts	80 PCL Latin; 137 PostScript 3 Emulation Latin
Mobile printing	AirPrint (iOS); Mopria (Android); optional: Google Cloud Print; WiFi Direct

PRINTER SPECIFICATIONS (OPTIONAL)

Print controller	Embedded Fiery IC-420
Controller CPU	AMD GX-424CC @ 2.4 GHz
Memory/HDD	4,096 MB / 500 GB
Page description language	Adobe PostScript 3 (CPSI 3020); PCL 6; PCL 5c
Operating systems	Windows 7 (32/64); Windows 8.1 (32/64); Windows 10 (32/64); Windows Server 2008 (32/64); Windows Server 2008 R2; Windows Server 2012; Windows Server 2012 R2; Windows Server 2016; Windows Server 2019; Macintosh OS X 10.10 or later; Linux

SCANNER SPECIFICATIONS

Scan speed	Up to 140/140 ipm in simplex (mono/colour) Up to 280/280 ipm in duplex (mono/colour)
Scan resolution	Up to 600 x 600 dpi
Scan modes	Scan-to-eMail (Scan-to-Me); Scan-to-SMB (Scan-to-Home); Scan-to-FTP; Scan-to-Box; Scan-to-USB; Scan-to-WebDAV; Scan-to-DPWS; Scan-to-URL; TWAIN scan
File formats	JPEG; TIFF; PDF; Compact PDF; Encrypted PDF; XPS; Compact XPS; PPTX optional: Searchable PDF; PDF/A 1a and 1b; Searchable DOCX/PPTX/XLSX
Scan destinations	2,000 destinations + 100 groups; LDAP support

COPIER SPECIFICATIONS

Copy resolution	600 x 600 dpi
Gradation	256 gradations
Multicopy	1–9,999
Original format	Max. A3
Magnification	25–400% in 0.1% steps; Auto-zooming

FAX SPECIFICATIONS

Fax standard	Super G3 (optional)
Fax transmission	Analogue; i-Fax; Colour i-Fax; IP-Fax
Fax resolution	Up to 600 x 600 dpi
Fax compression	MH; MR; MMR; JBIG
Fax modem	Up to 33.6 Kbps
Fax destinations	2,000 single + 100 groups

USER BOX SPECIFICATIONS

Storable documents	Up to 3,000 documents or 10,000 pages
Type of user boxes	Public; Personal (with password or authentication); Group (with authentication)
Type of system boxes	Secure print; Encrypted PDF print; Fax receipt; Fax polling

SYSTEM FEATURES

Security	ISO 15408 HCD-PP Common Criteria (in evaluation); IP filtering and port blocking; SSL3 and TLS1.0/1.1/1.2 network communication; IPsec support; IEEE 802.1x support; User authentication; Authentication log; Secure print; Kerberos; Hard drive overwrite; Hard drive data encryption (AES 256); Confidential fax; Print user data encryption optional: Antivirus realtime scanning (Bitdefender®); Copy protection (Copy Guard, Password Copy)
Accounting	Up to 1,000 user accounts; Active Directory support (user name + password + e-mail + smb folder); User function access definition; Authentication by mobile device (Android) optional: Biometric authentication (finger vein scanner); ID card authentication (ID card reader); Authentication by mobile device (iOS)
Software	store+find (opt.); convert+share (opt.); Device Manager; Box Operator; Data Administrator (user accounts & cost centres); Card solutions (opt.); EveryonePrint (opt.)



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¹ Warm-up time may vary depending on the operating environment and usage
² If the maximum volume is reached within a period of one year, then a maintenance cycle must be performed

- 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.
- The stated life expectancy of each consumable is based on specific operating conditions such as page coverage for a particular page size (5% coverage of A4). The actual life of each consumable will vary depending on use and other printing variables including page coverage, page size, media type, continuous or intermittent printing, ambient temperature and humidity.
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