

**DEVELOP**

Dynamic balance

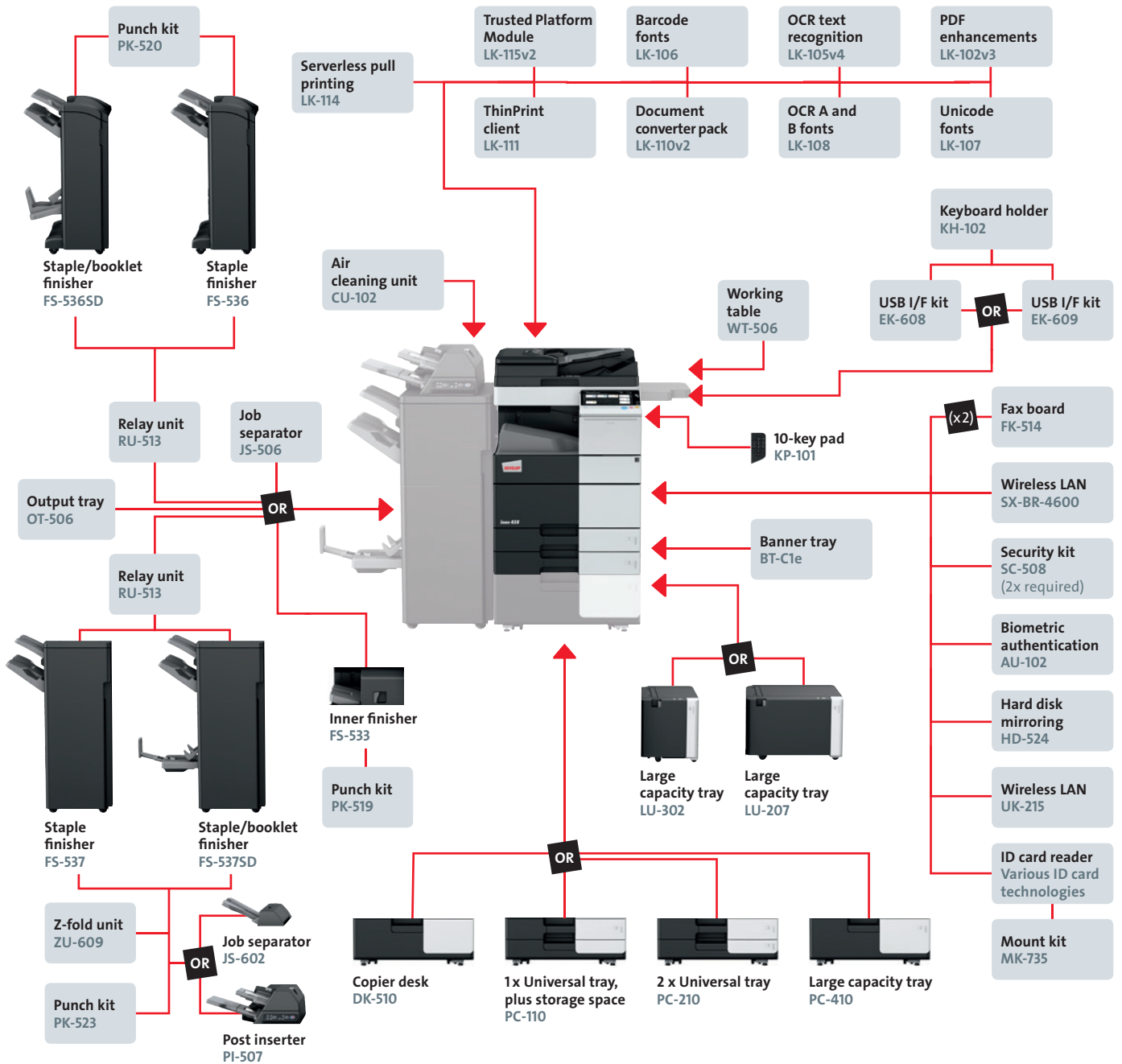
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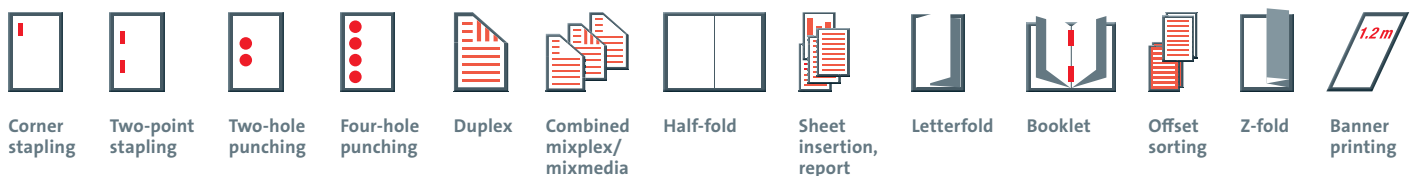
# ineo 458

- > Black & white A3 multifunctional
- > Up to 45 pages per minute

Option diagram



Finishing functionalities



## Description

### ineo 458

A3 multifunctional with 45 ppm b/w. Standard ineo print controller with PLC 6, PCL 5, PostScript 3, PDF 1.7, XPS and OOXML support. Paper capacity of 500 + 500 sheets and 150-sheet manual bypass. Media from A6 to SRA3, 1.2 m banner and 52–300 g/m<sup>2</sup>. 4 GB memory, 250 GB hard disk and Gigabit Ethernet standard.

PC-110 1x Universal tray	A5–A3, 500 sheets, 52–256 g/m <sup>2</sup>
PC-210 2x Universal tray	A5–A3, 2 x 500 sheets, 52–256 g/m <sup>2</sup>
PC-410 Large capacity tray	A4, 2,500 sheets, 52–256 g/m <sup>2</sup>
DK-510 Copier desk	Provides storage space for print media and other materials
LU-207 Large capacity tray	A4–SRA3; 2,500 sheets; 52–256 g/m <sup>2</sup>
LU-302 Large capacity tray	A4; 3,000 sheets; 52–256 g/m <sup>2</sup>
FS-533 Inner finisher	50-sheet stapling, 500 sheets max. output
PK-519 Punch kit for FS-533	2/4 hole punching, autoswitching
FS-536 Staple finisher	50-sheet stapling; 3,200 sheets max. output
FS-536SD Booklet finisher	50-sheet staple finisher; 20-sheet booklet finisher; 2,200 sheets max. output
RU-513 Relay unit for FS-536(SD)/FS-537(SD)	For FS-536(SD)/FS-537(SD) installation
PK-520 Punch kit for FS-536(SD)	2/4 hole punching; autoswitching
FS-537 Staple finisher	100-sheet stapling; 3,200 sheets max. output
PK-523 Punch kit for FS-537(SD)	2/4 hole punching; autoswitching
FS-537SD	Booklet finisher 100-sheet staple finisher; 20-sheet booklet finisher; 2,700 sheets max. output
PI-507 Post inserter for FS-537(SD)	Cover insertion; post-finishing
JS-506 Job separator	Separation of fax output etc.
JS-602 Job separator for FS-537(SD)	Separation of fax output etc.
ZU-609 Z-fold unit for FS-537(SD)	Z-fold for A3 prints

OT-506 Output tray	Output tray for use instead of finisher
KP-101 10-key pad	For use instead of touchscreen
WT-506 Working table	Authentication device placement
FK-514 Fax board	Super G3 fax; digital fax functionality
KH-102 Keyboard holder	To place USB keyboard
EK-608 USB I/F kit	USB keyboard connection
EK-609 USB I/F kit	USB keyboard connection; Bluetooth
ID card reader	For various ID card technologies
MK-735 Mount kit	Installation kit for ID card reader
AU-102 Biometric authentication	Finger vein scanner
SC-508 Security kit	Copy guard function (2 kits required)
BT-C1e Banner tray	Multi-page banner feeding
LK-102v3 PDF enhancements	PDF/A; 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. Host device requires 4 GB memory. (Available from April 2017)
LK-115v2 TPM activation	Trusted Platform Module for protection of data encryption and decryption
SX-BR-4600 Wireless LAN	Wireless LAN to network connector
HD-524 Hard disk mirroring	Back-up HDD
UK-215 Wireless LAN	Wireless LAN and wireless LAN Access Point Mode
CU-102 Air cleaning unit	Improves indoor air quality by reducing emissions

## Technical specifications

### System specifications

System memory (standard/max)	4,096 MB
System hard disk	250 GB (standard)
Interface	10/100/1,000-Base-T Ethernet; USB 2.0; Wi-Fi 802.11b/g/n (optional)
Network protocols	TCP/IP (IPv4 / IPv6); NetBEUI; SMB; LPD; IPP; SNMP; HTTP
Automatic document feeder (standard)	Up to 100 originals; A6–A3; 35–163 g/m <sup>2</sup> ; Dual scan ADF
Printable paper size	A6–SRA3, customised paper sizes; banner paper max. 1,200 x 297 mm
Printable paper weight	52–300 g/m <sup>2</sup>
Paper input capacity (standard/max)	1,150 sheets/6,650 sheets
Paper tray input (standard)	1x 500 sheets, A5–A3, 52–256 g/m <sup>2</sup> ; 1x 500 sheets, A5–SRA3, 52–256 g/m <sup>2</sup>
Paper tray input (optional)	1x 500 sheets, A5–A3, 52–256 g/m <sup>2</sup> ; 1x 500 sheets, A5–A3, 52–256 g/m <sup>2</sup> ; 1x 2,500 sheets, A4, 52–256 g/m <sup>2</sup>
Large capacity tray (optional)	1x 3,000 sheets, A4, 52–256 g/m <sup>2</sup> ; 1x 2,500 sheets, A4–SRA3, 52–256 g/m <sup>2</sup>
Manual bypass	150 sheets, A6–SRA3, custom sizes, banner, 60–300 g/m <sup>2</sup>
Automatic duplexing	A5–SRA3; 52–256 g/m <sup>2</sup>
Finishing modes (optional)	Offset; group; sort; staple; punch; post insertion; half-fold; letter-fold; booklet; z-fold
Output capacity (standard)	Max. 250 sheets
Output capacity (optional)	Max. 3,300 sheets
Stapling	Max. 100 sheets or 94 sheets + 2 cover sheets (up to 209 g/m <sup>2</sup> )
Stapling output capacity	Max. 1,000 sheets
Letter fold	Max. 3 sheets

Letter fold capacity	Max. 30 sheets; unlimited (without tray)
Booklet	Max. 20 sheets or 19 sheets + 1 cover sheet (up to 209 g/m <sup>2</sup> )
Booklet output capacity	Max. 100 sheets; unlimited (without tray)
Copy/print volume (monthly)	Rec. 30,000 pages; max. 200,000 pages <sup>1</sup>
Toner lifetime	Black up to 24,400 pages
Imaging unit lifetime	Black up to 155,000 pages/600,000 pages (Drum/Developer)
Power consumption	220–240 V / 50/60 Hz; less than 2 kW
System dimensions (W x D x H)	615 x 755 x 921 mm (without options)
System weight	Approx. 93 kg (without options)

### Printer specifications

Print resolution	1,800 x 600 dpi; 1,200 x 1,200 dpi
Page description language	PCL6 (XL 3.0); PCL 5; PostScript 3 (CPSI 3016); XPS
Operating systems	Windows Vista (32/64); Windows 7 (32/64); Windows 8/8.1 (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; Macintosh OS X 10.7 or later; Unix; Linux
Printer fonts	80 PCL Latin; 137 PostScript 3 Emulation Latin
Print functions	Direct print of PCL, PS, TIFF, XPS, PDF (v1.7), encrypted PDF files and OOXML (DOCX, XLSX, PPTX); mixmedia and mixplex; “Easy Set” job programming; overlay; watermark; copy protection; carbon copy print
Mobile Printing	AirPrint (iOS); Mopria (Android); ineoPRINT (iOS/Android/Windows 10 Mobile); Mobile Authentication and Pairing (iOS/Android) optional: Google Cloud Print; WiFi Direct

### Scanner specifications

<b>Scan speed</b> (mono/colour)	Up to 80 ipm in simplex Up to 160 ipm in duplex
<b>Scan resolution</b>	Up to 600 x 600 dpi
<b>Scan modes</b>	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
<b>File formats</b>	JPEG; TIFF; PDF; compact PDF; encrypted PDF; XPS; compact XPS; PPTX optional: searchable PDF; PDF/A 1a and 1b; searchable DOCX/PPTX/XLSX
<b>Scan destinations</b>	2,100 (single + group); LDAP support
<b>Scan functions</b>	Annotation (text/time/date) for PDF; up to 400 job programs; real-time scan preview

### Copier specifications

<b>Imaging technology</b>	Laser
<b>Toner technology</b>	HD polymerised toner
<b>Copy/print speed A4</b>	Up to 45 ppm
<b>Copy/print speed A3</b>	Up to 22 ppm
<b>Autoduplex speed A4</b>	Up to 45 ppm
<b>1st copy out time A4</b>	4.0 sec.
<b>Warm-up time</b>	Approx. 25 sec. <sup>2</sup>
<b>Copy resolution</b>	600 x 600 dpi
<b>Gradation</b>	256 gradations
<b>Multicopy</b>	1–9,999
<b>Original format</b>	A5–A3; custom sizes
<b>Magnification</b>	25–400 % in 0.1 % steps; auto-zooming
<b>Copy functions</b>	Chapter; cover and page insertion; proof copy (print and screen); adjustment test print; digital art functions; job setting memory; poster mode; image repeat; overlay (optional); stamping; copy protection

<sup>1</sup> If the maximum volume is reached within a period of one year, then a maintenance cycle must be performed.

<sup>2</sup> Warm up time may vary depending on the operating environment and usage

### Fax specifications

<b>Fax standard</b>	Super G3 (optional)
<b>Fax transmission</b>	Analogue, i-Fax, Colour i-Fax, IP-Fax
<b>Fax resolution</b>	Up to 600 x 600 dpi
<b>Fax compression</b>	MH; MR; MMR; JBIG
<b>Fax modem</b>	Up to 33.6 Kbps
<b>Fax destinations</b>	2,100 (single + group)
<b>Fax functions</b>	Polling; time shift; PC-Fax; receipt to confidential box; Receipt to E-mail/FTP/SMB; up to 400 job programs

### User box specifications

<b>Storable documents</b>	Up to 3,000 documents or 10,000 pages
<b>Type of user boxes</b>	Public; Personal (with password or authentication); Group (with authentication)
<b>Type of system boxes</b>	Secure print; Encrypted PDF print; Fax receipt; Fax polling
<b>User box functionality</b>	Reprint; Combination; Download; Sending (e-mail/ FTP/SMB and Fax); Copy box to box

### System features

<b>Security</b>	ISO15408 Common Criteria (in evaluation); IP filtering and port blocking; SSL2; SSL3 and TLS1.0/1.1/1.2 network communication; IPsec support; IEEE 802.1x support; User authenti- cation; Authentication log; Secure print; Hard disk overwrite (8 standard types); Hard disk data encryption (AES 256); Memory data auto deletion; Confidential fax receipt; Print user data encryption optional: Hard disk mirroring; Copy protection (Copy Guard, Password Copy)
<b>Accounting</b>	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/iOS) optional: Biometric authentication (finger vein scanner); ID card authentication (ID card reader)
<b>Software</b>	store+find (opt.), convert+share (opt.), Personal Applications (opt.), Enterprise Suite (opt.), Data Administrator (user accounts & cost centres), Card solutions (opt.), Unix/Linux support, SAP support, EveryonePrint (opt.)



## DEVELOP

Konica Minolta Business Solutions Europe GmbH  
Europaallee 17 30855 Langenhagen Germany Phone +49 511 7404-0 www.develop.eu

For more information regarding the ineo 458  
please refer to the respective product homepage



All data relating to the paper capacities of the document feeder, the final processing accessories and the paper cassettes apply to paper weighing 80 g/m<sup>2</sup> unless expressly stated otherwise. All data relating to the speed of printing, scanning or faxing apply to paper of an A4 format weighing 80 g/m<sup>2</sup> unless expressly stated otherwise.

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