

**DEVELOP**

Dynamic balance

[www.develop.eu](http://www.develop.eu)

# ineo 423

monochrome | 42 ppm



# Adding value to black-and-white printing

Many departments in the majority of businesses prefer using monochrome printing systems for their office document production. Users particularly appreciate the reliability and durability of these products and the attractive page prices. However, colour printing systems do have a lot of convenient features, like colour scanning, rarely found in monochrome machines. A solution that combined the best of both worlds was difficult to find – up to now.

The ineo 423 by DEVELOP brings “colour-only” features to black-and-white printing – and offers significant added value. The colour scanner, for example, allows colour documents to be stored with every nuance of the original document. The intuitive and easy-to-use colour touchscreen display helps optimise the document workflow in your business. And sophisticated finishing functions save time and effort in the production of ready-to-use documents. Read on to find out how your office can profit from the ineo 423’s added value.

## Printing and copying to professional standards

The ineo 423 disproves prejudiced opinions about the moderate quality of black-and-white printing systems. This DEVELOP device has been designed to produce professional quality prints and copies with the ultra-fine particles of the system’s ineo HD toner, delivering noticeable benefits:

- Printouts and copies feature smooth gradation for greyscales such as thin line support for crisp text and small characters; even areas that used to be a problem for monochrome devices, e.g. faint colours in documents, are reproduced to professional quality standards.
- Even high-volume copy jobs remain perfectly legible from the first to the last copy, and black-and-white copies of colour originals are of equally high standard.

The high print quality combined with a wide range of finishing functions allow professional office documents like brochures to be printed inhouse. Add to that the ability to punch and staple and office productivity will be enhanced even more.



ineo 423's easy to use colour touchscreen display



ineo 423 with floortype finisher (FS-527) and paper cassette (PC-208)

### **Conveniently** easy to use

Time is money – and nowhere is this adage more true than in today's busy offices where time is in such short supply. No office user wants to waste time trying to operate a much-too-complicated printer or copier. Here, the ineo 423 sets standards in simplicity. The colour touchscreen display is easy to handle and even customisable. For example, frequently used functions can be positioned on the first page of the copy mode. The individual user boxes are convenient in more ways than one. Since every person has their own storage space on the system's hard disk drive, confidential or frequently used documents can be securely archived with no concern of unauthorised access and can be printed "on demand" if required.

### **Cost-efficient** and environment-friendly

Older office systems often fail to satisfy present-day demands for cost-efficient document production and environment-friendly operation. The ineo 423, in contrast, performs well in both of these important aspects. A network administrator can set up cost centres and a user authentication procedure that enables costs to be controlled by the "user-pays" principle. Individual users or cost centres can be granted specific rights while limitations may also be imposed, e.g. on the number of pages that can be printed per month. The outcome in the mid to long term is a more efficient control of document production and therefore a potential reduction in cost. Since the ineo 423 is also a low-energy system, it not only needs less power than older systems but also improves your company's carbon footprint. Further evidence of the system's environmental friendliness comes from its Energy Star and Blue Angel certification.

# Added value

A whole host of features illustrate how your business will benefit from investing in an ineo 423:

## i-Options: smart add-ons

- › Additional functions can be optionally activated in the display through a special code
- › i-Option examples: saving documents in searchable PDF format adding meta data or a digital signature to a document

## Uniform usability

- › Printer driver and operator display at the system are identical to those in ineo+ colour systems
- › No need for users to learn how to operate a new system

## Numerous fax functions (optional)

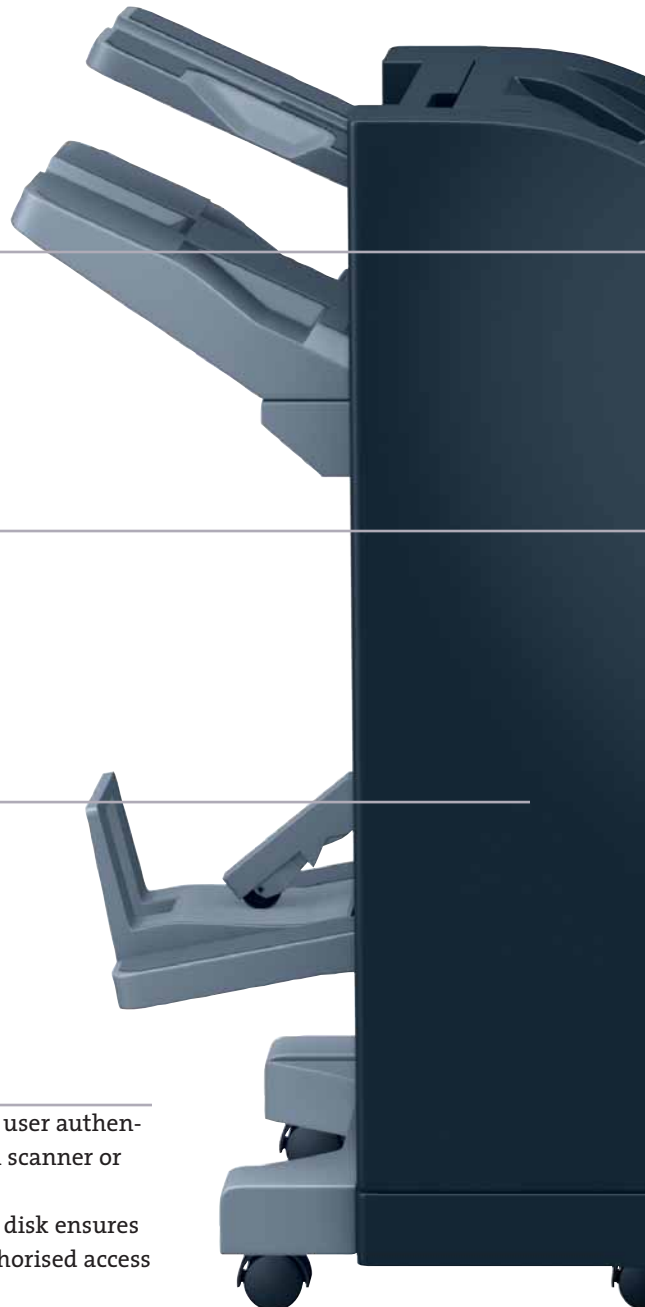
- › Network and PC faxing
- › Forwarding of faxes to an e-mail address
- › Other useful functions like Internet Fax or IP Address Fax

## Sophisticated finishing functions

- › Stapling, punching, booklet-making are additional options for the system
- › Finishing functions to meet all routine office requirements like double sided printing are already standard

## Extensive security package

- › Enhanced system security through user authentication technology, e.g. finger-vein scanner or contactless IC cards (optional)
- › Standard security chip for the hard disk ensures all-round protection against unauthorised access to documents and data



# in practice

## High-quality colour scanning

- > Fast at up to 70 pages per minute
- > Outstanding colour scanning capability: documents can be archived with every nuance of the original

## Colour touchscreen display

- > 8.5-inch colour touchscreen display makes operating the ineo 423 extremely easy
- > Frequently used functions can be placed on the first page of the touchscreen display for faster access
- > The optional keyboard allows, for example, e-mail addresses to be entered more quickly and conveniently

## Simple network administration

- > Numerous freeware tools
- > The ineo 423 is manageable from the network administrator's workplace

## ineo Remote Care

- > The optional remote-diagnosis facility automatically transmits counter readings, system status reports and low-toner warnings to your DEVELOP dealer
- > Convenient for you as the dealer automatically gets informed when a service is due

## Workflow software solutions

- > Wide range of software tools to optimise your document production workflow from small solutions like the freeware tool Data Administrator to complex solutions like the modular software Enterprise for accounting
- > Some tools accessible straight from the touchscreen display, e.g. the i-Option webbrowser allows for direct internet access from the system's display

## High-quality documents

- > ineo HD toner with ultra-fine particles for razor-sharp text and images



# Added benefits

## from a uniform line-up

The ineo 423 is the ideal solution for professional office document production whether used as a standalone system or integrated into an office network with several devices. Especially when combined with other DEVELOP systems, the users can benefit from significant synergy effects: Because all the way down the line – from the colour system portfolio to the monochrome range – you enjoy the same extensive functionality, powerful processors and numerous finishing functions. When used in combination with DEVELOP's software solutions, all these ineo office systems are just what you need to enhance the efficiency and productivity of your document workflow.

### Combine the ineo 423 with other ineo devices and profit from several advantages:

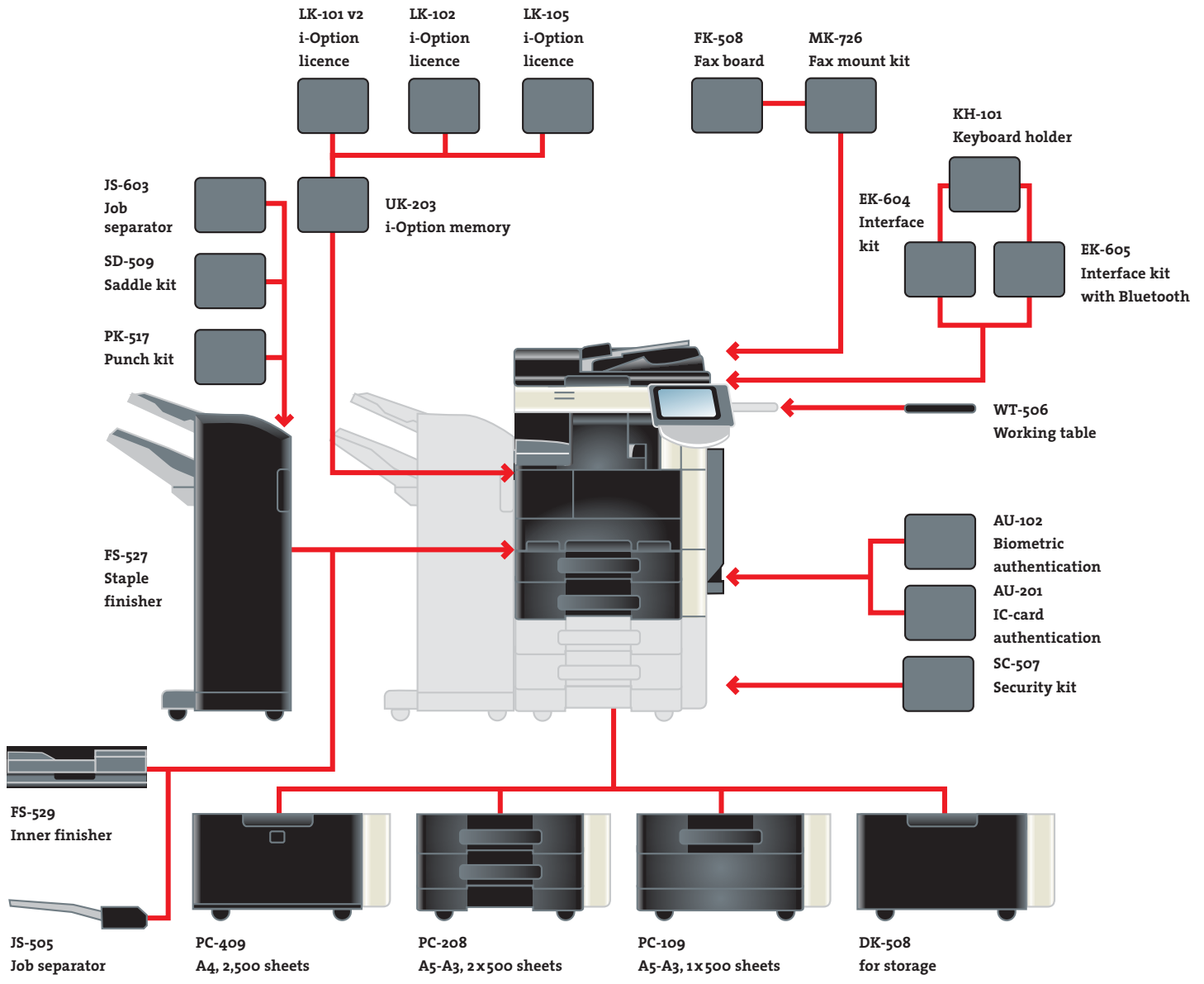
- Standardised status-line design for ineo colour and monochrome devices
- Same look and feel of the printer drivers: once you are used to the drivers of the ineo 423, you will be able to operate the drivers of the ineo+ colour systems as well
- The easy to use colour touchscreen display of the ineo 423 can also be found in DEVELOP's colour office line-up
- Centralised administration: all ineo devices can easily be administered via several free of charge delivered tools like the Data Administrator, for example. That allows for:
  - Fast access to the systems,
  - Simple integration into the network,
  - Straightforward monitoring of all networked devices,
  - Automatic status reports by e-mail,
  - Individually programmable authentication and account data for each user,
  - Limited access rights, e.g. for printing

- DEVELOP's optional software solutions such as Enterprise can be connected to all your ineo office devices. Benefit from accounting solutions or follow-me concepts on all your devices within the company.

**A perfect team:** Profit from the ineo 423 for all your monochrome printing and copying while the ineo+ colour systems guarantee professional colour output – a cost-efficient combination for high-quality office document production.



ineo 423 colour touchscreen display and the optional keyboard



# ineo 423

## GENERAL DATA

### Type of machine

Console system (scanner integrated)

### Printing and copying speed

- > A4, up to 42 ppm
- > A3, up to 21 ppm

### Print system

Laser

### Gradation

256

### Paper feeder

- > Standard: 1,150 sheets, max. 3,650 sheets
- > 2 x 500-sheet cassette (A5 – A3, 60 – 90 g/m<sup>2</sup>)
- > 150-sheet bypass (A6 – A3, 60 – 210 g/m<sup>2</sup>)  
for standard paper, envelopes, OHP, thick paper

### Paper format

Max. 297 x 432 mm

### Printable area

291 x 424.8 mm

### Warm-up time

Less than 30 seconds

### Dimensions (w x h x d)

623 x 826 x 799 mm

### Weight

Approx. 78 kg (standard configuration)

### Power

220-240 V, 50 Hz

## PRINT SPECIFICATIONS

### Controller

Embedded 667 MHz controller

### Memory

Controller uses system memory (2 GB RAM)  
250 GB Hard disk

### Resolution

Max. 1,800 x 600 dpi

### Network protocols

TCP/IP (IPv4/IPv6), IPX/SPX, SMB, NetBEUI, LPD, SNMP, HTTP, IPP

### Emulation

PCL5e/c, PCL6, PCLXL version 3.0, PostScript 3

### Interfaces

Ethernet 10/100/1000 BaseT, USB 2.0

### Driver

Windows 2000/2003/2008/XP/XP64/Vista32/Vista64/Windows 7, Mac OS 9.x/10.x, Unix

### Print functions

Direct Print of PCL, PS, TIFF, XPS and PDF documents, overlay, chapter, cover mode, n-up print, watermark, secure print

## SCAN SPECIFICATIONS

### Type of scanning

Scan to E-mail/FTP/SMB/USB/WebDAV, TWAIN-Scan, Scan-to-me, Network TWAIN-Scan (via Ethernet TCP/IP), Scan-to-Box (with HDD)

### Resolution

Max. 600 x 600 dpi

### Scanning speed

Max. 70 opm

### Size of originals

Max. A3+

### Scanning formats

TIFF, PDF, Compact PDF, JPEG, Encrypted PDF, XPS, Compact XPS

### Scan addresses

up to 2.000

## COPY SPECIFICATIONS

### Document feeder

- > Duplex document feeder
- > A6 to A3 (100 sheets, max. 128 g/m<sup>2</sup>)

### Copy pre-selection

1 – 9999

### Zoom

25 – 400 % in 0.1% steps

### First A4 copy

3,6 seconds

### Memory

2 GB RAM

### HDD

250 GB

### Resolution

Print: 1,800 x 600 dpi

### Copier functions

Chapter and cover mode, test copy, n-up, book copy, stamp

## FAX SPECIFICATIONS (OPTIONAL)

### Compatibility

G3/Super G3, MH, MR, MMR, J-BIG/ECM, IPFax, iFax

### Transfer rate / transfer speed

33.6 kBits/s, < 3 sec. ITU-No.1

### Fax memory

240 MB

### Fax functions

Polling, time shift, broadcast, PC-Fax, receipt to box, receipt to E-mail

## OPTIONS

- > Inner Finisher with 50-sheet multi position stapling, stack capacity of max. 300 sheets
- > Floortype Finisher for 50-sheet stapling: stack capacity of max. 3200 sheets, optional saddle kit (for booklet stapling), punch kit (4-hole) and job separator
- > Job separator, max. 200-(150/50) sheets capacity (tray 1 for shifted output)
- > Paper feed cabinet (500 sheets)
- > Paper feed cabinet (2 x 500 sheets)
- > Large capacity tray for 2,500 sheets
- > Copy desk
- > Fax unit
- > Security kit
- > Keyboardholder
- > USB interface kit
- > USB interface kit with bluetooth
- > Working table
- > Biometric authentication kit
- > IC card authentication kit
- > Mifare cards for IC card authentication
- > Sender stamp kit for documents
- > i-Option (additional functions)

## SOFTWARE SOLUTIONS

- > Enterprise Device Manager
- > Enterprise Account Manager (optional)
- > Enterprise Authentication Manager (optional)
- > Enterprise My Panel Manager (optional)
- > dots Pilot 2 imposition (optional)
- > Print Pool Manager load balancing (optional)
- > Workware document management (optional)
- > Data Administrator for user accounts & cost centres
- > Card solutions (optional)
- > Jtman 4 jobticket (optional)
- > Unix/Linux support
- > IBM AS/400 support
- > NDPS Gateway
- > EMS Plug-in

## DEVELOP

Develop GmbH Hessenstraße 1 30855 Langenhagen Germany [www.develop.eu](http://www.develop.eu)



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.

All data relating to paper weights apply to media that are recommended by DEVELOP

All technical data correspond to knowledge available at the time of going to print. DEVELOP reserves the right to make technical alterations.

DEVELOP and ineo are registered trademarks/product titles owned by DEVELOP GmbH. All other brand or product names are registered trademarks or product titles of their respective manufacturers. DEVELOP does not accept any liability or guarantee for these products.