

DEVELOP

Dynamic balance

www.develop.eu

ineo+ 6000L

colour | 3,600 pph



Compact competence

Its amazing imaging capabilities in combination with a sturdy construction, professional feature set and attractive affordability make this the ideal entry-level print production solution for CRDs, print providers, high-volume offices and professionals in advertising agencies.

The ineo+ 6000L delivers fast 60 prints per minute in colour and b/w. Featuring DEVELOP's advanced colour processing technology, this digital colour press was designed specifically to answer the essential requirements of print providers and the high-volume office with regard to quality, reliability, ease of use and economy.

The system combines extensive media flexibility with a versatile range of in-line finishing capabilities, making light work of the production of the most diverse materials. Its sturdy, metal construction ensures absolute dependability while its compact design facilitates integration at locations where space is limited.

Convenient operation and ease of use are other important attributes. Additionally, the ineo+ 6000L excels with a remarkable registration accuracy that ensures perfect results in duplex printing, including brochures and booklets.

Excellent print quality

Thanks to a real resolution of 1,200 x 1,200 dpi x 8-bit, fully supported by the controller, the ineo+ 6000L delivers an unparalleled image quality that leaves competitors standing. In addition, several innovative functions ensure consistently outstanding print quality. The gradation correction function adapts to the varying characteristics of different media to save operators the time-consuming process of producing test patterns. If changes occur in the print environment and the engine, the exclusive CRS (Colour Retention and Stability) technology makes the necessary adjustments to maintain optimal print quality. The short interval stability control monitors image consistency during continuous printing operations and automatically makes any corrections needed to ensure stable image quality. Moreover, automated colour management tools boost productivity through hands-free calibration, allowing operators to focus fully on producing more outstanding quality jobs in less time.



ineo+ 6000L with allround finisher (FS-612), post insertion unit (PI-502), document feeder (DF-622) and large capacity cassette (LU-202)

Colour for professionals



ineo+ 6000L with staple finisher (FS-531), post insertion unit (PI-502) and document feeder (DF-622)

Media flexibility and utmost productivity

3,600 pages per hour, even on heavyweight media, and an automatic duplex unit that prints up to 300 g/m² paper: the ineo+ 6000L will most certainly boost your productivity. Whatever media you have to work with – coated offset paper or thick card in any format from postcard to SRA3 – this print system can handle them all with ease. An optional heating unit dries the paper before printing to prevent pages from sticking together and enhance toner adhesion. Low fusing temperatures will increase your media flexibility. All features that will benefit your business.



Advanced

The ineo+ 6000L features the latest in DEVELOP's own advanced colour processing technology. In addition to that, innovations like ITbit technology, CRS or the ineo HD polymerised toner provide an unbeatable combination of outstanding quality and smooth processing, ensuring perfect results and highest reliability.

1,200 x 1,200 dpi x 8 bit print resolution

The impressive print resolution on the ineo+ 6000L reproduces finest characters and thinnest lines to perfection. In combination with proprietary ineo HD toner, this results in an almost offset-like print quality.

FM screen technology

Also thanks to the excellent resolution of 1,200dpi, the ineo+ 6000L provide additional screens for higher quality prints, enabling smoother and more realistic image reproductions that are a perfect match to print data. The newly adopted Frequency Modulated (FM) screen technology ensures smooth moiré- and jagged-free image.

Extremely compact construction

The ineo+ 6000L is amazingly compact for a device in its class. Its small footprint will be an attractive advantage for many locations, e.g. a crowded CRD or an advertising agency where space is at a premium. Nevertheless, the ineo+ 6000L's sturdy and robust construction always ensures a continuous and absolutely dependable performance.



technology

Impressive media flexibility

Paper processing in the ineo+ 6000L is fast and ultra-smooth. The media flexibility is extensive and covers a wide range of substrates, incl. up to 300 gsm paper, coated paper, card and digital offset stock. Advanced features like mixplex and mixmedia guarantee professional results also for complex print jobs.

Eco-friendly technology

Advanced eco-technologies minimize the ecological impact of the ineo+ 6000L: DEVELOP's proprietary polymerised toner ineo HD saves energy as it enables considerably lower fusing temperatures. Also, the production of ineo HD generates around 40% less in CO₂ emissions than toner produced by conventional pulverisation. At the same time, biomass is an important ingredient in ineo HD toner and CO₂-neutral during recycling, answering the essential requirements of the modern, CO₂-conscious society.

Colour Retention and Stability (CRS)

The exclusive CRS technology constantly monitors the status of the ineo+ 6000L. Receiving continuous feedback about changes in the print environment and the engine, CRS immediately makes the necessary adjustments to always maintain highest print quality.



Please find more details on our website:
http://www.develop.eu/6000L_tec

ITbit technology

Outline processing improves the appearance of characters by thinning them so they do not appear fat. Contour processing helps to reproduce white characters on backgrounds with ideal proportions and reduces jagged edges of half-tone characters.

Profiting from top technology

If you move into production printing with the ineo+ 6000L, you'll profit from a system equipped with state-of-the-art digital printing technology. And that brings down-to-earth benefits, e.g. higher productivity, less manual intervention and professionally finished documents. Your customers will be more satisfied – you'll notice the difference top technology can make to your profits. Therefore professional-quality finishing units are essential in production printing. Consequently, the ineo+ 6000L is available with two optional finishing units, both designed to meet the tough demands of a production environment.

FS-612

Finisher unit with 80-page brochure

- > 80-page brochure function
- > 20-sheet (80 g/m²) centre-fold function
- > 50-sheet stapling capacity (80 g/m²)
- > Centre- or letter-fold
- > Automatic punching and paper insertion (optional)



Booklet



Stapling



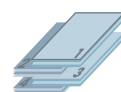
Half-fold



Corner stapling



Letter fold in



Auto-shift sorting/
grouping

FS-531

Finisher unit with 50-sheet stapler

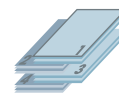
- > 50-sheet stapling capacity (80 g/m²)
- > Automatic corner or two-point stapling
- > Output for up to 3,200 sheets
- > Automatic punching and paper insertion (optional)



Stapling



Corner stapling



Auto-shift sorting/
grouping

Where perfect control really matters

A digital colour production printer can deliver excellent output and streamline your workflows – but only if it is connected up to a high-performance controller. That is why DEVELOP offers a controller with very distinctive advantages.

The ideal entry model: Embedded DEVELOP controller IC-601

DEVELOP's own IC-601 print controller is the ideal solution for a business that is moving into production printing. This embedded controller offers high quality and performance (compliant with the 1200 dpi/60 ppm engine specifications), good colour management and seamless integration with a wide range of DEVELOP applications – all at an affordable price. What's more, this controller is operated via the ineo+ 6000 control panel.

Key benefits:

- > Job list displayed
- > Editing of pages
- > Preparation and management of calibration table
- > Tone curve adjustment with before-and-after comparison from sample preview
- > PANTONE®, TOYO®, DIC® and HKS spot colour utility: converts CMYK values into specified printer values
- > Alternative colour: converts RGB/CMYK values of graphics into specified printer values

The potent tool for colour printing Embedded EFI® controller IC-413

The IC-413 colour print controller is comprehensively equipped to sail through the challenges of modern business applications. It applies competence not only to colour processing and productivity, but also provides an extensive range of (optional) security features.

Key benefits:

- > Fiery ColorWise® delivers excellent “out of the box” colour
- > Creating custom spot colours
- > Secure Erase (optional) – provides added data erasure security on the controller's hard drive



ineo⁺ 6000L

GENERAL DATA

Printing and copying speed

> A4

Max. 60 ppm, Max. 3,600 pph

> A3

Max. 34 ppm, Max. 2,040 pph

Print System

Laser

Gradation

256

Paper feeder

> Standard: 1,500 sheets (3 x 500 sheets per cassette, 64 – 256 g/m²)

Paper format

A5 – A3 full bleed

Max. 330 x 487 mm (A3+)

Printable area

Max. 321 x 480 mm (A3+)

Memory

6 x 384 MB RAM

6 x 160 GB HDD (optional)

Warm-up time

Less than 420 seconds

Dimensions (w x h x d)

760 x 1,076 x 992 mm (incl. original cover)

Weight

Approx. 353 kg (only main body)

Power connection

230 V / 32A / 50 Hz

PRINT / CONTROLLER SPECIFICATIONS (OPTIONAL)

Resolution

Print: max. 1,200 x 1,200 dpi

IC-601 Embedded DEVELOP controller

CPU: Intel Core 2 Duo @ 2.8GHz

RAM Memory: 4 GB

HDD: 2 x 250 GB

Interface: 10/100/1000-Base-T

Printer language: PS3, PCL5c/6

IC-413 Embedded EFI controller (04/2012)

CPU: Intel Dual Core @ 2.6 GHz

RAM Memory: 2 GB

HDD: 160 GB

Interface: 10/100/1000-Base-T

Printer language: PS3, PCL5c/6

SCANNER SPECIFICATIONS (OPTIONAL)

Type of Scanning

TWAIN-Scan, Scan to E-mail/FTP/HDD/SMB (PC)

Resolution

Max. 600 x 600 dpi

Scanning speed

Max. 40 opm

(with optional document feeder)

COPIER SPECIFICATIONS

Document Feeder

Duplex document feeder is optional

A5 – A3 (100 sheet, max. 210 g/m²)

Copy pre-selection

1 – 9,999

Zoom – function

25 – 400% in 0.1% steps

First A4 Copy

Less than 6.5 seconds

Resolution

Max. 600 x 600 dpi

OPTIONS

50 sheet staple finisher FS-531

2-point and corner stapling, Output for up to 3,000 sheets, Subtray for up to 100 sheets, Auto-shift sorting and grouping, optional Post Inserter PI-502 (2 x 200 sheets) and Punch-Unit PK-512

Allround finisher FS-612

Booklet making of up to 20 sheets (80 images), 2-point and corner stapling (50 sheets), Centre fold and letter fold in, Auto-shift sorting and grouping, Output for up to 2,500 sheets, Sub tray for up to 100 sheets, optional Post-inserter PI-502 (2 x 200 sheets) and Punch-Unit PK-512

Hard disk kit HD-514

Preview Kit PH-102

Document feeder DF-622

Working Table WT-508

Original cover OC-506

Output tray OT-502

Multi bypass (250 sheet) MB-504

Large capacity cassette LU-202

B5 – SRA3, 1 x 2,500 sheets (64 – 300 g/m²)

Dehumidifying heater HT-503

for LU-202

* For final configurations please ask your local dealer or supplier, because it is not possible to combine every options with each other

DEVELOP

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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/m² 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/m² unless expressly stated otherwise.

All data relating to paper weights apply to media that are recommended by Konica Minolta. All technical data correspond to knowledge available at the time of going to print. Konica Minolta reserves the right to make technical alterations.

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