DEVELOP

ineo⁺ 8000

colour | 4,560 pph

The flagship

among DEVELOP's digital presses

Unrivalled image quality, Outstanding productivity and leading media capatibilities – that's for what the ineo+ 8000 counts. As the flagship among DEVELOP's digital presses, the system masters the essential requirements of commercial printing environments to perfection and amazes with its combination of previously unmatched speed and unrivalled quality.
The ineo+ 8000 is a professional yet highly affordable digital colour press that features an attractive compact construction.

Helping to lower the cost of labour and other hidden costs, it guarantees a fast turnaround and better profit from higher margins. With the ineo+ 8000, DEVELOP meets the advanced requirements of mid-range commercial print production at the highest level, improves customer satisfaction by offering digital image quality on par with offset printing, and supports printing companies in holding their ground in this highly competitive market.

Excellent print quality = more professionalism

Thanks to a real resolution of 1,200 x 1,200 dpi x 8-bit, fully supported by the controller, the ineo+ 8000 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.

ineo+ 8000 with productivity enhancement unit (EF-101), conveyance unit (RU-508), folding unit (FD-503), saddle stiching unit (SD-506), perfect binder (PB-503), staple finisher (FS-521), 2 paper feed units (PF-704) and EFI controller (IC-306)

Media flexibility and utmost productivity = more business

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.

4,560 pages per hour, high print speed even on heavyweight media (350 g/m²), and an automatic duplex unit that prints up to 300 g/m² paper: the ineo⁺ 8000 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 and offers manual settings for up to 500 individual formats. 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. And since paper dries up and sometimes curls during fusing, an optional humidifier sprays ultra-fine water droplets onto the paper to cool it down and prevent electrostatic voltage. All features that will increase print quality and will benefit your business.

ineo⁺ 8000 with productivity enhancement unit (EF-101), conveyance unit (RU-508), booklet finisher (FS-612) and paper feed unit (PF-704)

Where **technology** really impresses

The innovative technology integrated into the ineo+ 8000 will make a visible difference to the quality of the documents you produce.

Customised screening

The ineo+ 8000 features three different screen types for line and dot screening which can be used together in one print job. Ideal for clear and crisp texts in combination with smoother and more realistic image reproduction that are a perfect match to print data.


ineo+ 8000 with productivity enhancement unit (EF-101), conveyance unit (RU-508), folding unit (FD-503), large capacity stacker (LS-505), staple finisher (FS-521) and paper feed unit (PF-704)

Unmatched toner

This 3rd-generation polymerised toner has further evolved to meet the high-performance demands of the commercial print market. The ineo HD+ toner is made up of ultra-fine particles (3-5 µm) with a lower melting temperature than conventional toners. Since this reduces stress on the paper and the engine in general, a polymerised toner is particularly suitable for high-volume production printing. What's more, the toner improves reproduction of sharp lines, ensures brilliant colours and delivers the best possible black density.
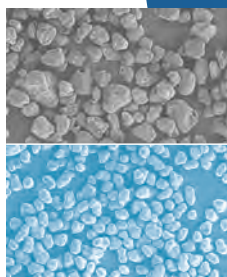
Brilliant colour reproduction thanks to polymerised toner
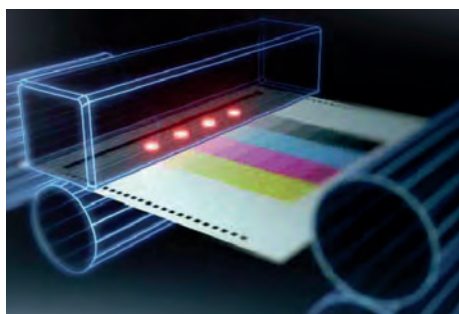
Without TagBit technology

With TagBit technology

TagBit technology

In halftone printing TagBit technology fills in or removes edge pixels to prevent frayed edges. The benefits when printing outlines is that reversed text or thin lines are instantly visible.

Gradation correction

Colour Density Control corrects gradations to suit the type of paper used through an automatic or manual adjustment function that relays gradation correction values to the engine. Specific correction values can be set for up to 15 types of paper. The benefits include smooth gradations in high-density and skin-tone areas, avoidance of any possible changes during second transfer and fusing, and simpler, instrument-free calibration operations.

Real-time density adjustment

During continuous printing, Image Density Control (IDC) monitors 4/C consistency. In order to achieve the target density during calibration, the system automatically adjusts the maximum density and corrects the halftone density to improve efficiency and ensure stable image quality – without affecting the printing performance.

IDC (Image Density Control) Sensor

Incorporated vacuum feed technology for both paper feed units

Where **details**

The technical details of the ineo⁺ 8000 are undoubtedly impressive,
but never an end in themselves. They simply serve to improve your business.
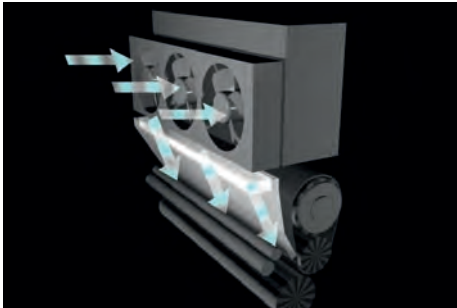
Air-blow Paper Separation Mechanism after fusing

Enhanced media handling for a greater variety of jobs

> Top-range paper handling: up to 350 g/m²

> High-end overall paper capacity: 10,760 sheets

> 80 ppm for A4 paper of up to 135 g/m²

> Automatic duplex printing of paper of up to 300 g/m²
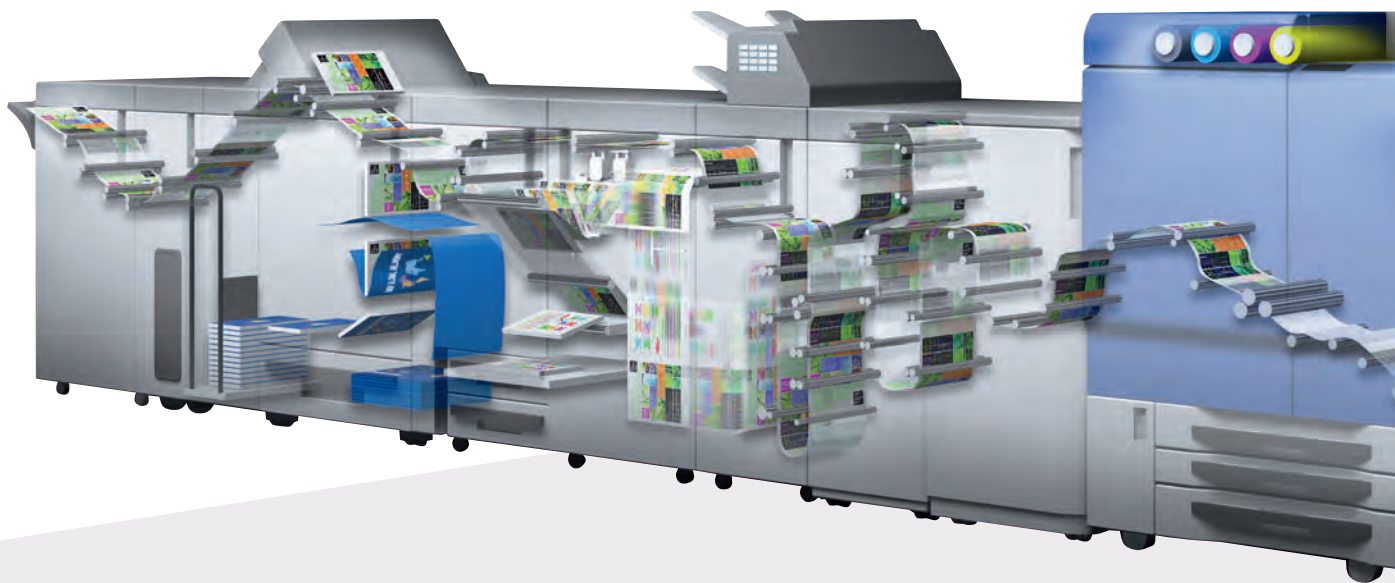
Productivity enhancement unit

> In order to provide enhanced productivity on thick paper and an offset like glossiness print out

> Even with 300 gsm 70 ppm are possible due to the 2nd fusing

> For coated paper printing in high speed

Skew detection and correction

> A skew detection system that controls the skew amount after the leading edge of the paper has been fed

> The ineo⁺ 8000 produces prints with highest accuracy

> This is particularly important for double-sided printing, including e.g. booklets with almost no image shift to photos on spread layouts

make all the difference

Exceptional modularity to satisfy greatly varying output demands

> Flexible inline finishing options to minimise labour costs and the risk of human error: punching, multi-hole punching for ring-book binding, stapling, folding, saddle stitching and perfect binding

> High degree of modularity for the flexibility to grow with business needs

> Workflow management, job ticket editing, pagination changes, etc. at the control panel (if IC-601 controller is installed)

Outstanding image consistency and quality

> Real 1,200 x 1,200 dpi full-colour output, even for RIPped data (equivalent to 1,200 x 3,600 dpi high resolution)

> 1,200 dpi 8-bit data processing for high precision output

> High-definition polymerised toner

> High-accuracy front/back registration
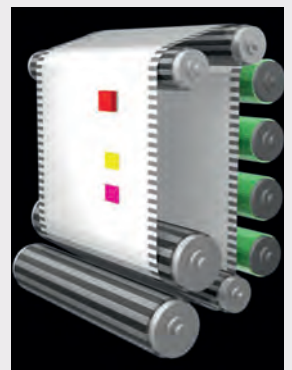
IDC (Image Density Control) Sensor

Consistent printing technologies

> Stable continuous printing from the 1st to the 10,000th page

> Real-time colour density control through Image Density Control (IDC)

> High image consistency by reproducing density characteristics of various paper types through optional Colour Density Control

> Stable colour calibration across all print surfaces through Density Balance Adjustment

Unparalleled reliability and usability to maximise uptime

> New air-blow paper separation mechanism for greater compatibility with a wide variety of paper types

> Drastically reduced paper curling through optional hybrid decurling function

> Optional humidifying decurler to neutralise static electricity and reduce excessive heat for more stable output alignment

Where you get
# what you really need

At DEVELOP we know that no two production environments are the same. So to meet our customers' very specific needs, the ineo+ 8000 has a modular design for a maximum of flexibility and customised performance. This way, we are convinced that our broad range of finishing options will satisfy all your needs.

GP-501
Multi-punch unit

> Variety of hole-punching styles
> Exchangeable die set (punch marks)
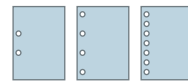
Various punching possibilities
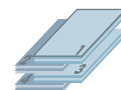
FS-521
Finisher unit with 100-sheet stapler

> 100-sheet stapling capacity (80 g/m²)
> Automatic corner or two-point stapling
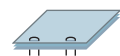> In-line clinch cuts long staples for a clean finish on documents with fewer pages

Stapling

Corner stapling

Auto-shift sorting/ grouping

Variable stapling

SD-506
Saddle stitching unit with trimmer

> Highly accurate saddle stitching (stitch after folding) with minimal image shifts
> Max. 50 sheets (80 g/m²) for booklets of up to 200 pages
> Excess edges are trimmed to ensure a finer finish
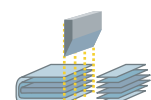> Multi-centre-fold and multi-letter-fold for up to five sheets (80 g/m²)

Mixed media booklet

Booklet

Multi letter fold in

Trimming

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
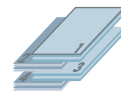> Automatic punching and paper insertion (optional)

Booklet

Stapling

Half-fold

Auto-shift sorting

Letter fold in

FD-503
Folding unit

> Six different folding functions: centre-fold, letter fold-in, letter- fold-out, double parallel, Z-fold and gatefold
> 2- or 4-hole punching with left or top position selection
> Paper insertion
> In-line processing and manual processing of already-printed documents

Mixed media page insertion

Half-fold

Letter fold out

Punching

Gate-fold

Z-fold

Double parallel-fold

Letter fold in

LS-505
Large-capacity stacker

> Trolley stacker unit takes up to 5,000 sheets
> Features an offset stacking function to separate sets
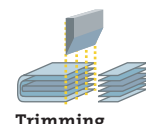

Trolley

Trolley, auto-shift

PB-503
Perfect binder

> Max. 300 sheets
> Perfect binding for books of up to 30 mm thick
> In-line printing and glueing
> No need for three-way trimming thanks to paper alignment technology
> Handcart automatically stacks finished books

Book

Trimming

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 three different controllers to go with the ineo⁺ 8000. And all four offer very distinctive advantages.

The perfect all-rounder: External EFI® controller IC-306

The IC-306 print controller makes optimised workflows and reliable output possible. You enjoy outstanding print quality, extensive media variety and professional finishing possibilities – so large or small colour print runs can be handled with ease in the shortest possible time.

Key benefits:

> Intuitive operatability via a large, sensibly arranged display

> High-performance software for optimised workflow supervision and control

> Brilliant colour via EFI ColorWise® colour management system

> Ultra-high-performance VDP support for fast processing of variable data

The high-end solution: External EFI controller IC-3600

Designed for highly productive, professional performance, the IC-3600 external EFI Fiery controller perfectly enhances the colour production. State-of-the-art Fiery technology complements the sophisticated feature set of the digital colour press with advanced colour management, versatile VDP functionality, comprehensive workflow automation and absolute ease of use.

Key benefits:

> Same outstanding features as IC-306

> Graphic Arts Premium Edition and SeeQuence Suite as standard

> Controller is already FACI enabled (external keyboard, mouse or monitor can be equipped)

> Enhanced hardware specification

The tried-and-tested performer: External Creo® controller IC-307

The IC-307 print controller facilitates digital colour printing and delivers outstanding image quality, convenient operatability and numerous innovative colour-management tools. A high-performance print and VDP functionality makes the IC-307 the ideal controller for demanding graphics or production printing environments.

Key benefits:

> Seamless integration into offset workflows via JDF

> Simple connectivity with third-party solutions such as Kodak Brisque® or Prinergy®

> Intuitive fine-tuning in sheet assembly

> Innovative graphics functions such as trapping, font smoothing or GCR

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 1,200 dpi/80 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⁺ 8000 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

ineo⁺ 8000

General Data

Printing and copying speed
> A4
Max. 80 ppm
> A3
Max. 46 ppm

Print System
Laser

Gradation
256

Paper feeder
> Standard: 1,500 sheets
   (3 x 500 sheets per cassette, 64 – 300 g/m²)

Paper format
A5 – A3 full bleed
Max. 330 x 487 mm (SRA3, A3+)

Printable area
Max. 321 x 480 mm (SRA3, A3+)

Memory
6 x 384 MB RAM

Warm-up time
Less than 390 seconds

Dimensions (w x h x d)
900 x 1,319 x 950 mm (only main body)

Weight
Approx. 450 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–306 External Fiery-Controller
CPU: Intel Core2 Duo Quad @ 2.66 GHz
RAM Memory: 2 GB, HDD: 160 GB
Interface: 10/100/1000-Base-T
Printer language: PS3

IC–3600 External EFI Fiery Controller (08/11)
CPU: 2 x Intel Xeon Quad Core @ 2.8 GHz
RAM Memory: 4 GB
HDD: 2 x 500 GB + 250 GB
Interface: 10/100/1000-Base-T
Printer language: PS3

IC–307 Plus External Creo-Controller
CPU: Intel Core i7 @ 2.8 GHz
RAM Memory: 2 GB RAM plus 3 GB image memory
HDD: 2 x 500 GB system memory, 2 x 500 GB image memory
Interface: 10/100/1000-Base-T
Printer language: PS3

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

Scanner Specifications (optional)

Type of Scanning
Twain-Scan, Scan to E-mail/FTP/HDD/SMB (PC)

Resolution
Max. 600 x 600 dpi
(with optional controller and PF-705)

Scanning speed
Max. 40 opm (with optional feeder on PF-705)

Copier Specifications (optional)

Document Feeder
Duplex document feeder is optional on PF-705
A6 – 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

Memory (optional)
6 x 160 GB HDD

Options

Folding Unit FD-503
Output for up to 2,500 sheets, Pre-printed sheet insertion (PI), 2 Post insertion trays for 500 sheets each, Punching (2 and 4 hole), Folding (half-fold, z-fold, gate-fold, letter fold in/out, double-parallel fold), Subtray for up to 200 sheets

100 sheet staple finisher FS-521
2-point and corner stapling, Variable staple length (cutting mechanism), Output for up to 3,000 sheets, Subtray for up to 200 sheets, Auto-shift sorting and grouping

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

Booklet finisher SD-506
Booklet making of up to 50 sheets (200 images), Saddle stitching, Trimming, Output tray for up to 50 booklets, Multi-sheet folding/letter fold in, Subtray for up to 200 sheets

Large stacker LS-505
Up to 5,000 sheets stacking capacity, Subtray for up to 200 sheets, Trolley mounted stacker (5,000 sheets), Auto-shift stacking

GBC Punch Unit GP-501
Smart punch unit for ring, plastic, wire, color coil, velo and more binding possibilities

Perfect Binder PB-503
Hot melt glue binding system, Integrated 1-side trimming of cover sheets, Books from A5 up to A4, Books from 10 sheets up to 300 sheets (30 mm spine width), Cover paper tray for up to 1,000 sheets, Book stacking capacity of up to 3,300 sheets x 2 stacks, Sub tray for up to 200 sheets

Productivity Enhancement Unit EF-101

Conveyance unit RU-508

Humidifying unit HM-102

Relay Unit RU-506 for GP-501

Hard disk kit HD-514

Preview Kit PH-101

Paper feed unit PF-704/705
1,390 sheets cassette 1&2 / 1,850 sheets cassette 3, 64 – 350 g/m², Standard sizes from A6 – SRA3 (330 x 487 mm)

PF-705 with Automatic Document Feeder

Dehumidifying heater HT-506 for PF-704/705

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

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