DEVELOP

Dynamic balance

www.develop.eu

ineo+ 1070

colour | 3,907 pph



When quality really counts

In a world of excessive information and ultra-fast communications colour is all the more important because it catches the eye. That can make all the difference between a document being thrown away and getting read. Because brilliant colour improves the communicative power and readability of any document, DEVELOP has come up with a true innovation in production printing.

The ineo+ 1070 is a next-generation 4/C digital production system that combines the efficiency and flexibility of digital technology with the kind of image quality you normally associate with offset printing.

This DEVELOP system is thus the ideal solution for corporate printrooms, digital printshops and offset printers. Besides outstanding output quality, this print system also offers the versatility, reliability and economy required for everyday work in a tough and time-critical environment.





Excellent print quality = more professionalism

Thanks to a real resolution of 1,200 x 1,200dpi x 8-bit, fully supported by the controller, the ineo + 1070 delivers an unparalleled image quality that leaves competitors standing. In addition, several innovative functions ensure consistently outstanding print quality. Image Density Control, for example, monitors image consistency during continuous printing with-out affecting performance. Corrections are done fully automatically to improve the stability of the image quality, while the whole process considerably enhances production efficiency. 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, the Output Feedback System adapts to the varying characteristics of different media to save operators the time-consuming process of calibration.



Media flexibility and utmost productivity = more business

Over 3,900 pages per hour, even on heavyweight media, and an automatic duplex unit that prints up to 300 g/m² paper: the ineo + 1070 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. Since it is essential for high-volume printers to feed each and every sheet smoothly and precisely through the digital press, Develop offers tried-and-tested air suction feeding to ensure a trouble-free feed. 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 applies ultra-fine water droplets onto the paper to restore it to its original state. All features that will benefit your business.

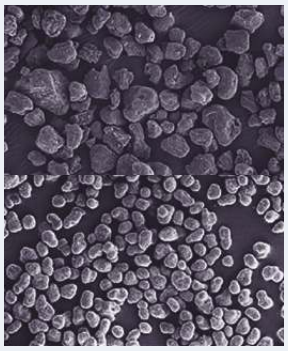
Where technology really impresses

The innovative technology integrated into the + 1070 will make a visible difference to the quality of the documents you produce.

Customised screening

The ineo+ 1070 features three different screen types for line and dot screening, which can be used together in a single print job. This is ideal for producing clear and crisp texts in combination with smoother and more realistic image reproduction that are a perfect match for the print data.

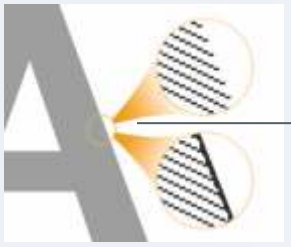




Brilliant colour reproduction thanks to polymerised toner

Unmatched toner

This next-generation polymerised toner is made up of ultra-fine particles with a lower melting temperature than ever before. Since this reduces stress on the paper and the engine in general, 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.

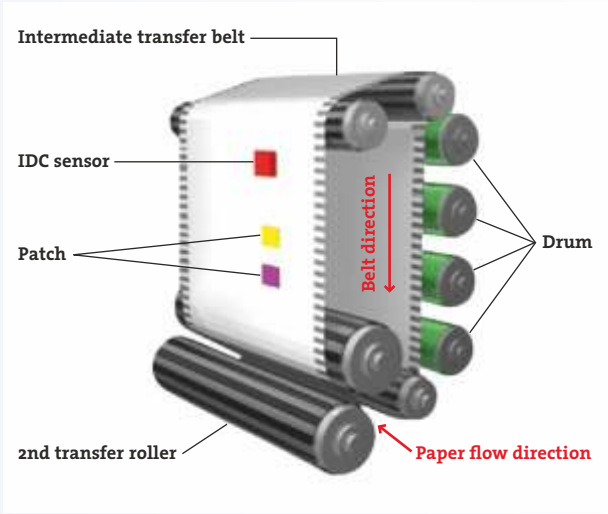


Without OLP technology

With OLP technology

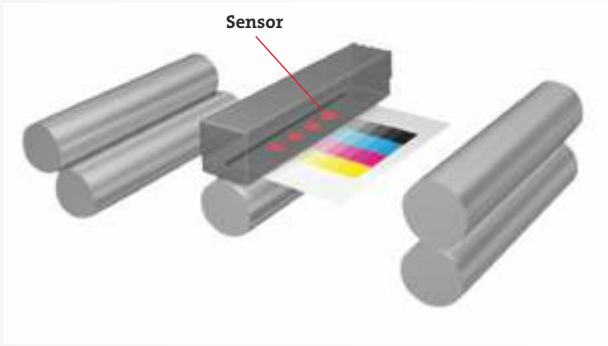
OutLine Processing (OLP)

OLP improves the appearance of characters no matter whether they are small fonts, thin characters or inverted text. This imaging technology applies the right optimisation to reproduce high-resolution characters. Operators can trust this system since it automatically adjusts to provide the best possible quality.



Real-time density adjustment

During continuous printing, Image Density Control (IDC) monitors 4/C consistency on the immediate transfer belt. 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.



Output Feedback System

The Output Feedback System measures not only CMYK colour but also RGB colour on the paper direct. This delivers improved accuracy and stability for each colour as well as process colour reproduction. Operators benefit from enhanced efficiency, as they no longer need a time-consuming calibration process.

Where details make all the

The technical details of the ineo+ 1070 are undoubtedly impressive, but never an end in themselves. They simply serve to improve your business.



Enhanced media handling for greater variety of jobs

- Top-range paper handling: up to 300 g/m²
- High-end overall paper capacity of 7,500 sheets
- 71 ppm for A4 paper of up to 176 g/m²
- Automatic duplex printing of paper of up to 300 g/m²

Unparalleled reliability and usability to maximise uptime

- Air suction feeding for intelligent, professional paper feeding to ensure smooth paper processing throughout the printing system, and efficient printing on offset and coated stock, even at high humidity levels
- 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

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 binder, stapling, folding, saddle stitching, perfect binding and auto ring 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-602 is installed)

Outstanding image consistency and quality

- Real 1200 x 1200dpi full-colour output, even for RIPped data (equivalent to 1,200 x 3,600 dpi high resolution)
- 1200 dpi 8-bit data processing for high-precision output
- High-definition polymerised toner
- High-accuracy front/back registration

Consistent printing technologies

Stable continuous printing from the 1st to the 5,000th page

- Real-time colour density control through Image Density Control (IDC)
- Stable colour calibration across all print surfaces through Output Feedback System

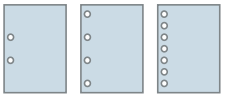
Where you get what you really need

At Develop we know that no two production environments are alike. So to meet our customers' very specific needs, the ineo + 1070 has a modular design for a maximum of flexibility and customised performance. This way, we can be certain 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

GP-502
Autoring binder

- Binding of books with up to 102 sheets
- Self-adjusting binding elements (one size fits all)





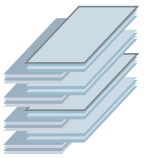
Ring binding

FS-532*
Finisher unit with 100-sheet stapler

- Stapling of up to 100 sheets
- Two-point and corner stapling
- Variable staple length (cutting mechanism)
- Optional post-inserter and punch kit
- Optional booklet making with up to 20 sheets (80 pages)

* Finisher unit with 50-sheet stapler also available (FS-531)





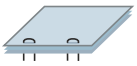
Auto-shift sorting/grouping



Stapling



Corner stapling



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
- Front edge trimming for a finer finish
- Multi-centre-fold and multi-letter-fold for up to five sheets (80 g/m²)

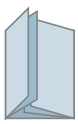




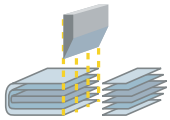
Mixed media booklet



Booklet



Multi letter fold in



Trimming

FS-531
Stapler finisher

- Two-point and corner stapling
- Stapling of up to 50 sheets
- Auto-shift sorting and grouping
- Output for up to 3,000 sheets
- Subtray for up to 100 sheets
- Optional post inserter and punch kit

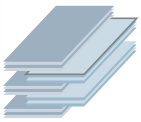



Two-point stapling


Corner stapling


Two-hole punching


Four-hole punching

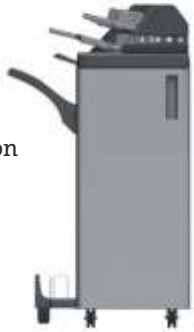

Auto-shift sorting


Colour cover insertion


Colour sheet insertion

FS-612
Finisher unit with 80-page brochure function

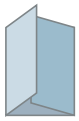
- 80-page brochure function
- 20-sheet (80 g/m²) centre-fold function
- 50-sheet stapling capacity (80 g/m²)
- Centre- or letter-fold
- Optional automatic punching and paper insertion

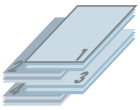



Booklet


Stapling

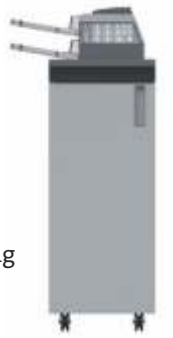

Centre fold


Letter fold in

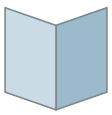

Auto-shift sorting

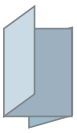
FD-503
Folding unit

- 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



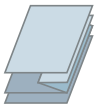

Mixed media page insertion


Centre fold

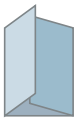

Letter fold out


Punching


Gate-fold


Z-fold


Double parallel-fold


Letter fold in

LS-505
Large-capacity stacker

- Trolley stackers unit with capacity of up to 5,000 sheets
- Two stackers for up to 10,000 sheets
- Offset stacking function to separate sets



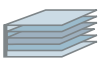

Trolley

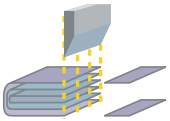

Trolley, auto-shift

PB-503
Perfect binder

- Max. 300 sheets
- Perfect binding for books of up to 30 mm thickness
- In-line printing and gluing
- 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+ 1070. And all three offer very distinctive advantages.





The perfect all-rounder:
External EFI® controller IC-308

The IC-308 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 operability via 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 powerful colour printing tool:
Embedded EFI® controller IC-415

The IC-415 colour print controller is comprehensively equipped to sail through the challenges of modern business applications. It not only brings competence to colour processing and productivity, but also provides an extensive range of security features.

Key benefits

- Fiery Command WorkStation for total workflow control of local and remote clients
- Fiery ColorWise Pro Tools enable in-RIP total colour management
- Colour Editor and Profile Manager allow downloading and managing ICC profiles, simulations, and device profiles as well as customising ICC profiles and colour curves
- The Fiery Print Calibrator provides a simple interface to basic and advanced calibration methods

The ideal entry model:
Embedded DEVELOP controller IC-602

DEVELOP's own IC-602 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/71 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 + 1070 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+ 1070

General Data

Printing and copying speed
> A4
Max. 71 ppm (colour/black & white)
Max. 3,907 pph (colour/black & white)
> A3
Max. 38 ppm (colour/black & white)
Max. 2,107 pph (colour/black & white)

Resolution
Max. 1200 x 1200 x 8 bit

Print system
Laser

Gradation
256

Paper feeder
> Standard: 1,500 sheets
> Maximum: 7,500 sheets

Paper weight
62 – 300 g/m²

Paper format
A5–A3 full bleed
Max. 330 x 487 mm

Printable area
Max. 323 x 480 mm

Warm-up time
Less than 390 seconds

Dimensions (w x h x d)
760 x 903 x 1,072 mm

Weight
Approx. 291 kg (only main body)

Power connection
220–240 V / 20 A /50 Hz

Print specifications (optional)

Controller

> IC-602 Embedded Develop controller
CPU: Intel Pentium G850 @ 2.9 GHz
RAM: 10 GB (max. 14 GB)
HDD: 1,500 GB (max. 2,000 GB)
File Formats: PS3, PCL 5c/6, XPS, PDF, TIFF, JPG, PPML
Interface: 10/100/1000-Base-T

> IC–415Embedded EFI controller
CPU: Intel Pentium G850 @ 2.9 GHz
RAM: 2 GB
HDD: 500 GB
Interface: 10/100/1000-Base-T
File Formats: PDF, PCl, PS, TIFF, EPS

> IC-308 External EFI controller
CPU: Intel Core i5 2400
RAM: 4 GB
HDD: 1,000 GB
Interface: 10/100/1000-Base-T
File Formats: PS3, PCL 5c/6, XPS, PDF, TIFF, JPG, PPML

Scan specy_cations

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

Resolution
Max. 600 x 600 dpi

Scanning speed
Max. 70 opm (colour/black & white) (with optional document feeder)

Size of originals
A5–A3

Scanning formats
PDF, TIFF, JPG

Copy speci_cations

Document feeder
Document feeder (optional), A5–A3

Copy pre-selection
1 – 9,999

Zoom
25–400% in 0.1 % steps

First A4 copy
Less than 7.6 seconds (colour)

Memory
6 GB RAM

HDD
1,500 GB

Resolution
Max. 600 x 600 dpi

Options

Booklet finisher FS-612
Staple finisher FS-531
Punch unit PK-512 for FS-531/612
Punch unit PK-513 for FS-531/612
Post inserter PI-502 for FS-531/532/612
Folding unit FD-503
Booklet finisher SD-506
Stacking unit LS-505
Perfect binder PB-503
Staple finisher FS-532
SD-510 (option for FS-532)
Punch unit PK-522 for FS-532
Multi (GBC) puncher GP-501
Auto Ring binder GP-502
Conveyance unit RU-509
Humidification unit HM-102
Relay unit RU-510 for GP-501
Document feeder DF-626
Original cover OC-506
Working table WT-511
Output tray OT-502
Multi bypass (250 sheets) MB-506
Large capacity cassette LU-202
Air assist paper feeder PF-602m
Air suction Paper feeder PF-707
Dehumidifying heater HT-503/504

Recommended con_gurations

















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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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