



DEVELOP

ineo+ 6500

colour | over 3,500 pph



DEVELOP^{ed} for you

We don't need to talk to you about the benefits of digital printing. The decisive question is which digital printing system you decide to invest in. Whether you run a corporate printroom, digital printshop or offset printing company, it will be worth your while to take a serious look at the ineo⁺ 6500 from DEVELOP. After all, you're looking for quality, flexibility, reliability and economy in a digital printing system. And that is precisely what this state-of-the-art colour printing system gives you.

How you benefit

- › Meets the needs of corporate printrooms, digital printshops and offset printers
- › Quality output through sophisticated digital printing technology
- › Up to 300,000 pages per month
- › Professional colour management via EFI Fiery controller
- › Handles a broad range of media (up to 300 g/m²)
- › Wide variety of finishing options (e.g. trimming)



ineo⁺ 6500 with DF-609, FS-607,
PI-502 and LU-202



Stay competitive, earn good margins

The ineo+ 6500 is designed to help professional printers stay competitive and achieve attractive margins. This production system makes short-run printing viable. Turnaround times are fast. Running costs can be sustained at reasonable levels. Productivity gains are almost guaranteed. And this machine is built for heavy-duty production environments with output peaks of up to 300,000 pages per month.

Exploit the many functions, enjoy the ease of use

An optional high-performance Fiery controller supports and enhances the functionality of the ineo+ 6500 and provides an intuitive, user-friendly interface between the operator and this colour printing system. The convenience and simple operability of the ineo+ 6500 – evidenced by the large full-colour operating panel – ensure clear and easy access to all its functions.

Profit from media flexibility, work with precision

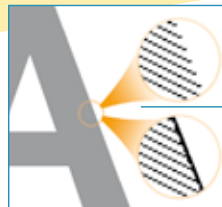
The sophisticated paper-handling capabilities of the ineo+ 6500 mean you can handle a wide variety of media, including weights up to 300 g/m². This is particularly important for digital printshops or offset printers where customers are likely to arrive with all sorts of print jobs. Back-to-front and page-to-page registration ensures those jobs can be printed with a high degree of precision in close-to-offset quality.



ineo+ 6500 with DF-609, FS-503,
FD-501, PF-601 and RU-504

Built for production

Each ineo+ 6500 configuration is an economically viable solution for production printing environments aiming to offer their customers a wide choice of competitively priced digital printing services. The benefits are significant.



No TagBit technology

With TagBit technology

Screening technology

Two screen types each are available for line and dot screening. A newly developed screening technology allows the ineo+ 6500 to process data and select screens to create visibly smoother backgrounds.

TagBit technology

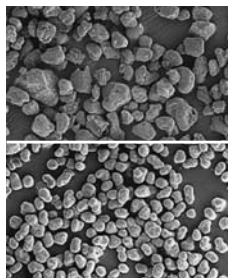
This unique TagBit technology extracts or fills in edge pixels to sharpen frayed edges in halftone printing. The benefits in reproducing outlines, reversed or slim text are clear to see.



environments

Unique toner

The newly developed polymerised toner consists of ultra-small particles (3-5 μm) that improve the rendition of sharp lines and have a lower melting temperature. This reduces the stress on the paper and engine in general. This toner is particularly suitable for a high-speed production printing system.



Toner particles created by the conventional "pulverisation" process are larger, more irregular

Polymerised toner ensures colours are reproduced brilliantly

Flexible paper handling

The ineo+ 6500 not only handles a wide range of media, e.g. thin, thick, coated and offset paper in all sizes from postcard to SRA3, and provides manual settings for up to 60 customised formats, it also has excellent paper processing qualities. An optional heating unit dries paper before printing and low fusing temperatures increase media flexibility.

True speed

To maximise printing precision and speed, the ineo+ 6500 is equipped with a dual-beam laser unit and a high-performance image-processing ASIC. The ultra-small print head emits two laser beams simultaneously to increase the writing speed on the photoconductive drum. The newly developed ASIC chip makes the high speed and outstanding image quality possible.



ineo+ 6500 with DF-609, SD-501, RU-503, FD-501 and PF-601

The ineo+ 6500

systematically

This digital colour printing system comes with numerous features that bring concrete benefits in a production environment.

Organic photo conductor

- > Special wear-resistant outer layer of drum
- > Improved colour stability

Advanced colour processing

- > Unique technology
- > Screening, tag bit and dual-laser innovations
- > Impressive speed and image quality

Fusing unit

- > Lower temperature prevents blistering
- > Easy feeding of thick paper through wide nip
- > Greater media flexibility

Inline finishing possibilities

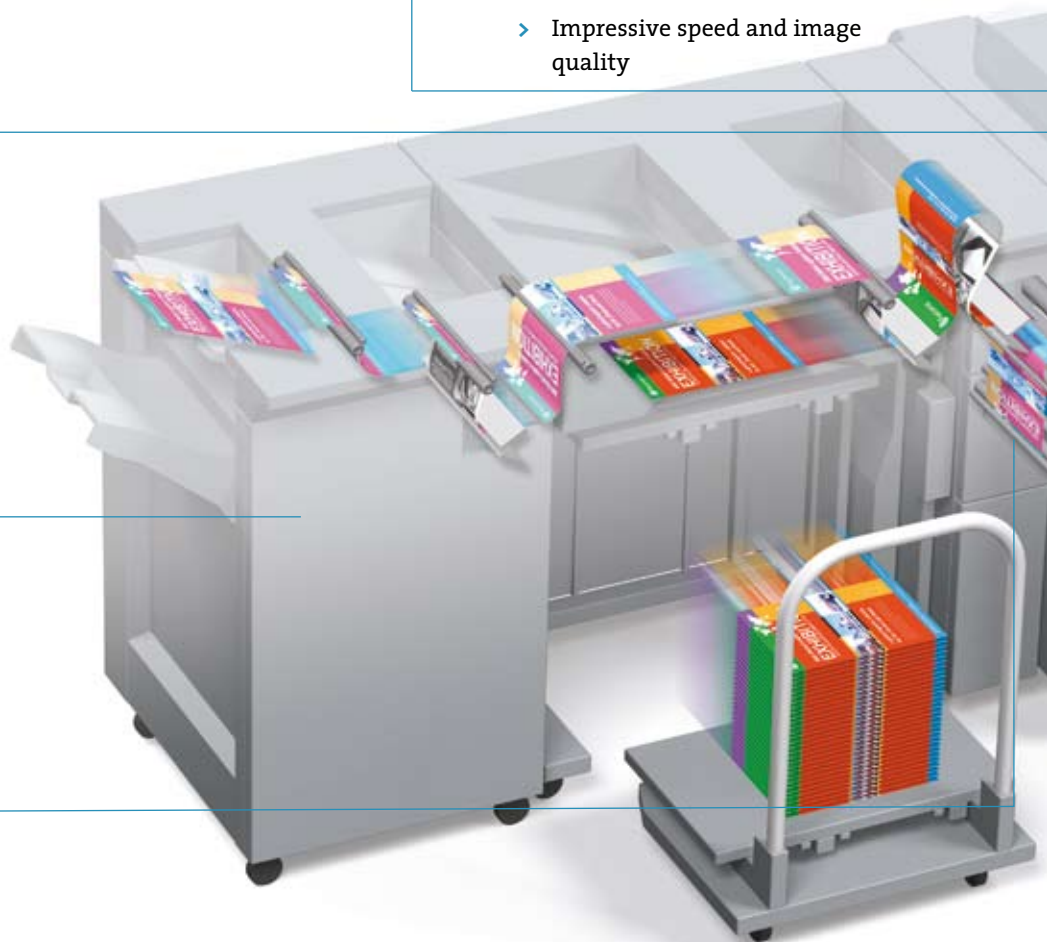
- > Booklet maker, folding unit, staple finisher or large stacker
- > Improved productivity
- > Faster throughput

Conveyance unit

- > Cools down and de-curles prints prior to finishing
- > Better quality finished output

Duplex unit

- > Precise, high-speed paper feeding
- > Accurate registration in duplex printing (down to 1 mm)



better

Paper feed section

- > Safe paper feed
- > Higher productivity

Touch screen

- > Full-colour 12" touch screen
- > Optimum visibility with tilting, swivelling panel
- > Simple to use

Multi-feed protection

- > Sophisticated functions to prevent double- or multi-feed
- > Less downtime
- > Higher productivity

Optional heating unit

- > Ideal in cold or humid environments
- > Paper dried in trays prior to feeding
- > Greater media flexibility, e.g. heavy, coated or offset paper

Polymerised HD toner

- > Minute particle size brings sharper lines
- > Lower melting temperature better for paper and machine
- > Great media flexibility

Developing unit

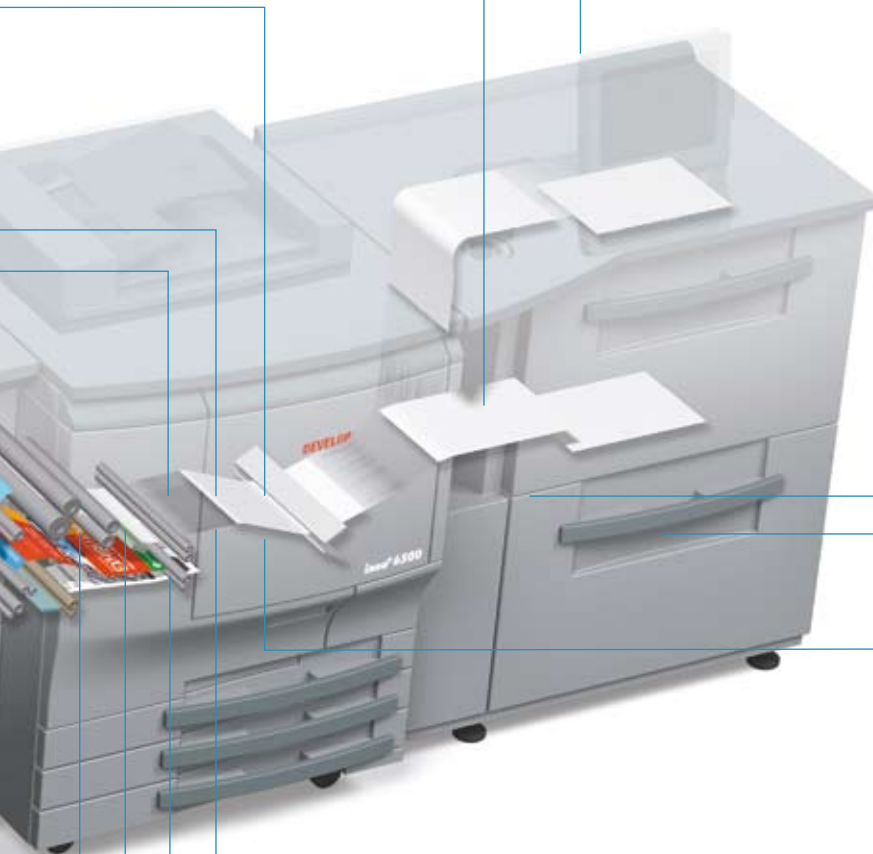
- > OPC and developer rotate in opposite directions to ensure more even toner density
- > No undesired halo effect between contrasting colours
- > Supports high-speed printing

Transfer belt unit

- > Thin and flexible belt
- > Adapts to different media and varying toner coverage
- > Eliminates halos and white spots

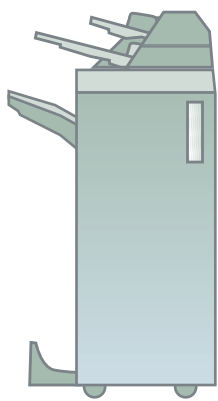
Remote Care

- > Lower maintenance and repair costs
- > Shorter downtimes
- > Less administrative efforts



Finished to perfection

Professional-quality finishing units are essential in a production printing environment. That's why ineo⁺ 6500 can be fitted with a variety of finishing options, all designed to ensure your printed material is finished to perfection.



Booklet



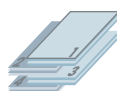
Half-fold



Letter fold in



Stapling



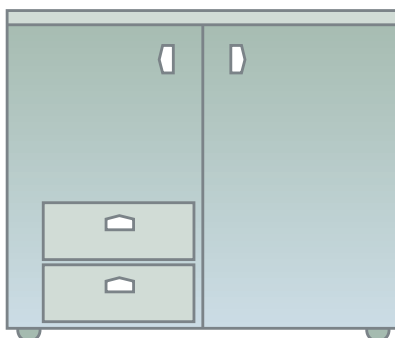
Auto-shift sorting

FS-607

Allround talent

Safe paper feed Booklet maker

- > brochures up to 80 pages
- > Post-Insertter (optional)
- > Punch-Kit (optional)



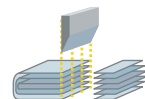
Mixed media booklet



Booklet



Multi letter fold in



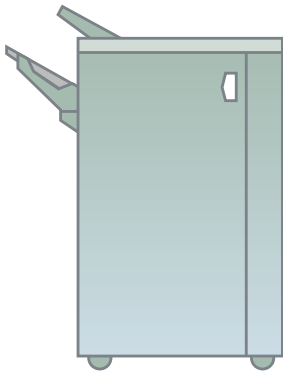
Trimming

SD-501

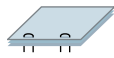
Big booklet maker

This high-capacity booklet maker speeds up the online production of leaflets, brochures, catalogues and marketing, sales or training materials.

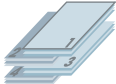
- > 50-sheet booklet maker (brochures up to 200 pages)
- > Multi-letter fold-in and half-fold for up to five sheets (speeds up mailings)
- > Output capacity up to 50 books (downtime-free production)



Stapling



Variable stapling



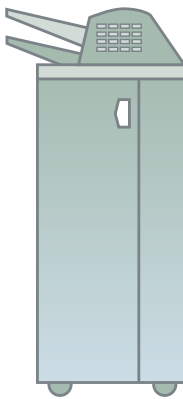
Auto-shift sorting

FS-503

Sophisticated staple finisher

This unit's multi-position stapling functionality makes it the ideal choice for producing manuals, reports and any other extensive documentation.

- > Variable staple-length stapling of up to 100 sheets at full speed (stapling up to 244 g/m² possible)
- > 3,000-sheet output capacity



Mixed media page insertion



Letter fold out



Punching



Z-fold



Half-fold



Gate-fold



Letter fold in



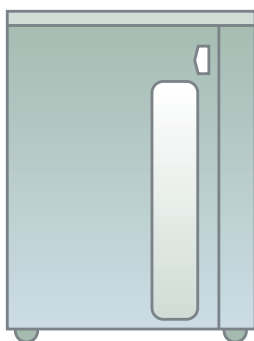
Double parallel-fold

FD-501

Fast folding unit

This folding unit is best used in combination with the big booklet maker or staple finisher and is ideal for producing mailings, flyers and the like.

- > Post-insertion of pre-printed sheets and covers
- > Output for up to 2,000 sheets



LS-501

Near-line large stacker

This large-capacity stacker unit perfectly equips the ineo⁺ 6500 for integration into production environments with existing finishing equipment, e.g. insertion or post-age metering facilities.

- > Trolley-mounted paper stacker for easy transfer to near-line finishing equipment
- > 5,000-sheet stacking capacity
- > Auto-shift stacking



Trolley



Trolley, auto-shift

Controlled performance



Full-colour digital printing can bring you brilliant results and great workflow solutions. But you have to combine a top-quality digital printing system with a powerful controller. That's why we offer the ineo⁺ 6500 with either of two optional high-performance Fiery controllers*, a combination that brings significant benefits:

- › Easy-to-operate user interface
- › Powerful software for optimised workflow control
- › Exceptionally fast variable data printing support
- › Accurate spot colour reproduction with SpotOn
- › Superior colours with ColorWise management system

* Embedded controller only available with optional FS-607 or catch tray; external controller not available with FS-607

Command WorkStation: easy job control

The Command WorkStation puts you in control so digital print jobs can be produced easily and efficiently. Whether you run the Command WorkStation from your desktop or at the colour server, it is an extremely fast and effective tool for improving workflow and productivity. It streamlines operations by minimising the need to open and navigate multiple windows and dialogue boxes and by greatly reducing the number of keystrokes needed to activate any function. It also speeds up job set-up times, allows operators to preview the effects of setting changes in real time, and maintains high security standards through defining access to files and settings.



Variable data printing: profitable personalised output

As a digital print provider, you can profit from the boom in 1-to-1 marketing. The variable data printing (VDP) support provided by the Fiery controller makes personalised output possible on the ineo⁺ 6500.

Variable image data, variable text and variable database contents allow information to be individually tailored to each and every mailing recipient.

What's more, the Fiery controller provides fast and flexible VDP support. Its open approach streamlines the production of files and enables you to exploit the increasing opportunities provided by evolving VDP technologies. Two of the Fiery's tools contribute to fast and efficient VDP:

- > **PPML****: Personalised Print Markup Language (PPML) is an open object-based industry standard VDP language. It RIPs objects just once and then caches and reuses the images and data as required. This reduces network traffic, improves RIP performance and enables the print engine of the ineo⁺ 6500 to perform at or near its maximum speed.
- > **FreeForm**: The Fiery's standard FreeForm utility eliminates the need for operators to learn a separate front-end application. FreeForm 2 allows operators to select individual pages from a multi-page master, which provides even more personalisation possibilities and greater VDP flexibility.

Powerful production tools

- > **SpotOn**: This colour management system makes the creation, management and printing of custom spot colours accurate and easy.

PANTONE library colours are automatically matched with their best CMYK equivalents and the HKS, Toyo and DIC spot colour systems are also supported.

- > **ColorWise**: The in-RIP colour management system ColorWise, also a standard feature, makes sure the colours you print are the colours you want – regardless of application or platform. ColorWise allows you to fine-tune output, configure personalised settings, accurately simulate the output of other devices, create custom colour profiles and select device link profiles.
- > **Impose**: This optional open-architecture, cross-platform imposition tool, which is accessed via the Command WorkStation, enables you to edit and assemble entire documents before processing or RIPping and impose jobs consisting of multiple records of varying lengths. Impose greatly simplifies your VDP workflow by enabling an intuitive approach to VDP imposition, is compatible with all popular legacy VDP languages and supports PPML.
- > **Graphic Arts Packages****: The Standard Graphic Arts Package includes many tools (e.g. paper simulation, halftone printing) to control, predict, manage and deliver the best possible colour results from the ineo⁺ 6500. The Graphic Arts Package Premium Edition goes even further with a variety of features (e.g. substitute colours) that meet the most complex requirements of the high-end graphic arts market. Both Packages are optional features of the external controller.

** Only with external Fiery controller



ineo⁺ 6500

GENERAL DATA

Printing and copying speed

> A4

Max. 65 ppm (colour/black & white)

Max. 3.563 pph (colour/black & white)

> A3

Max. 36 ppm (colour/black & white)

Max. 1.900 pph (colour/black & white)

Print System

Laser

Grey scales

256

Paper feeder

> Standard: 1.750 sheets

3 x 500 sheets per cassette (64–256g/m²)

1 x 250 sheets multi-bypass (64–300g/m²)

Paper format

A6–A3 full bleed

Max.: 330 x 487 mm

Banner paper max. 1.200 x 297 mm

Printable area

Max. 318 x 480 mm (A3+)

Banner paper max. 1.192 x 289 mm

System memory

4x 256 MB RAM

Warm-up time

Less than 420 seconds

Dimensions (w x d x h)

786 x 1056 x 992 mm (with Original Cover)

Weight

Approx. 360 kg (only main body)

Power connection

230 V / 15A / 50 Hz

PRINTER / CONTROLLER SPECIFICATIONS

Resolution

Print: max. 600 x 1.800 dpi (with smoothing)

IC-303 External EFI controller (optional)

System Version: 8

CPU: Intel Pentium IV 3,2 GHz

RAM Memory: 1,024 MB

HDD: 160 GB

Interface: 10/100/1000-Base-T

Printer language: PS3

DEVELOP

- > Standard tools
Spot-on, ColorWise Pro, Command WorkStation, Hot Folder, Fiery Scan
- > Optional tools
GA Package, GA Premium Edit., Production Printing Pack, Color Profiler ES-1000, Fiery Impose, FАCI Dongle, HDD Security, Desk

IC-408 Embedded EFI controller (optional)

System Version: 8e

CPU: 2,8 GHz

RAM Memory: 512 MB

HDD: 80 GB

Interface: 10/100/1000-Base-T

Printer language: PS3

- > Standard tools
ColorWise Pro, Command WorkStation, Fiery Scan, SpotOn
- > Optional tools
Hot Folder, GA Autotrap, Fiery Impose, Color Profiler ES-1000, Secure Erase

SCANNER SPECIFICATIONS (OPTIONAL)

Type of Scanning

Scan to E-mail/FTP/BOX/SMB (PC)

Resolution

Max. 600 x 600 dpi

Scanning speed (with optional feeder)

> Max. 39 ppm (colour / black & white)

COPIER SPECIFICATIONS

Document Feeder (optional)

> A5 to A3

> Duplex document feeder

Copy pre-selection

> 1 – 9999

Zoom – function

> 25 – 400% in 0,1% steps

First Copy Time

> 5,0 / 6,5 seconds (b&w / colour)

Resolution

Max. 600 x 600 dpi

Memory (optional)

4 x 40 GB Hard disc drive

OPTIONS*

Folding Unit FD-501

- > Output for up to 2,000 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

Staple finisher FS-503

- > Stapling of up to 100 sheets
- > 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

Booklet finisher SD-501

- > 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-501

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

Allround finisher FS-607

- > 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 and Punch-Unit PK-512

Conveyance unit RU-503/504

Hard disc drive HD - 506

Original feeder DF-609

Original cover OC-506

Catch Tray OT-502

Large capacity cassette LU-202

- > B5–A3 full bleed
- > 1 x 2,500 sheets (64–300g/m²)

Paper feed unit PF-601

- > 3,000 sheets cassette 1 / cassette 2
- > A5 / A6 – A3 full bleed
- > 64 – 256 / 300 g/m²

Dehumidifying Heater HT – 503/504

WORKFLOW UTILITIES

- > jtman 3 jobticket (optional)
- > Print Pool Manager load balancing (optional)
- > Remote Care (optional)

* For final configurations please ask your local dealer

or supplier, because it is not possible to combine every option with each other



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 DEVELOP.

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

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