# ineo⁺ 5501

colour | max. 3,000 pph

# A smart move
## into production printing

If you want to move into full-colour production printing, there's no better solution than the ineo+ 5501 from Develop. Whether you run a corporate printroom, digital printshop or offset printing company, this digital printing system offers excellent value for money.

### Media flexibility and precision

The ineo+ 5501 handles a broad range of media, including thin, thick, coated and offset paper in all sizes from A5 to SRA3 and weights of up to 300 g/m². This is particularly important for digital printshops where customers arrive with all sorts of print jobs. But this digital system is not only flexible, it also prints with great precision to deliver exact duplex, page-to-page and back-to-front registration.

### Competitive and economical

The ineo+ 5501 is designed for monthly volumes of up to 250 k. Its robust construction is ideally suited to the rough-and-ready environment of production printing. However, as a true digital printer, the ineo+ 5501 runs just as economically on print runs of one – a decisive advantage over offset printing.

### Unique quality and less stress

The specially developed high-density (HD) polymerised toner used in the ineo+ 5501 is made up of ultra-small and extremely smooth particles (3-5 μm) that clearly improve the rendition of sharp lines. What's more, the toner's lower melting temperature reduces the stress on media in general and the engine in particular – ideal prerequisites for production printing.

### Low barrier to entry

Your move into production printing could not be easier. Though this digital printing system is equipped with a wide range of sophisticated functions, they are all simple to use. The large, full-colour operating panel is intuitively easy to operate and the clearly arranged user interface offers easy access to all functions.

ineo⁺ 5501 with document feeder (DF-609), allround
finisher (FS-607), post inserter (PI-502) and large
capacity cassette (LU-202)

# How you benefit

> Meets the needs of corporate print-
> rooms, digital printshops and offset printers

> Quality output through sophisticated digital
> printing technology

> Up to 250,000 pages per month

> Professional colour management via optional
> Fiery controller

> Handles a broad range of media, e.g.
> up to 300 g/m²

> Range of first-class finishing options, e.g.
> brochures with up to 80 pages.

# The ineo⁺ 5501:

This digital colour printing system comes with a variety of features that will facilitate your move into production printing and deliver the goods – so your business stays up and running.

## ineo Remote Care (optional)

> Remote browser-maintenance
> Automatic toner orders
> system monitoring

## Advanced colour processing

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

## Organic photo conductor

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

## Fusing unit

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

## Optional finishing features

> Automatic booklet making (up to 80 sheets)
> Half-, letter fold-in and -out
> Various punching and stapling functions

## TagBit technology

> Extracts or fills in edge pixels to sharpen frayed edges in halftone printing
> Visible improvements in outlines and reversed or slim text

# equipped with all you need

## Screening technology

> Two screen types available for line and dot screening
> Right screen type automatically selected
> Visibly smoother colour gradations

## Touch screen

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

## Transfer belt unit

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

## 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

## 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

## Paper feed section

> Safe paper feed
> Higher productivity

## Duplex unit

> Precise, high-speed paper feeding
> Accurate registration in duplex printing (+/– 0.5 mm)

# Profiting
## from top technology

If you move into production printing with the ineo⁺ 5501, 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.

### Finishing finesse

Professional-quality finishing units are essential in production printing. Consequently, the ineo⁺ 5501 is available with two optional finishing units, both designed to meet the tough demands of a production environment. One is an 80-sheet automatic booklet maker that can also staple up to 50 sheets and has a useful letter fold-in function, the other is a 50-sheet stapling finisher. Optionally, both finishers can be fitted with a post-inserter and a 2- and 4-hole punching unit.

## Controlled class

To enjoy all the benefits of full-colour digital printing in a production environment, you need a powerful controller. That's why the ineo+ 5501 has two optional high-performance Fiery controllers or an optional Creo controller which offer you a number of key advantages:

> Easy-to-operate user interface
> Powerful software for optimised workflow control
> Exceptionally fast variable data printing support
> Accurate spot colour reproduction
> Superior colours

## Profitable personalisation

Digital production printing enables you to profit from the boom in 1-to-1 marketing. The variable data printing (VDP) function, a standard feature of the Fiery controller, makes personalised output possible on the ineo+ 5501. By varying image data, text and database contents, the VDP tool enables information to be individually tailored to each and every mailing recipient, e.g. for mailshots, invoices, customer letters, etc. The Fiery controller provides fast and flexible VDP support, e.g. through FreeForm 2, a tool that allows operators to select individual pages from a multi-page master and gives them a broader choice of personalisation possibilities. Its open approach streamlines the production of files and empowers you to exploit the increasing opportunities provided by evolving VDP technologies.

# ineo⁺ 5501

## General Data

**Printing and copying speed**
A4
Max. 55 ppm (colour/black & white)
Max. 3,000 pph (colour/black & white)
A3
Max. 33 ppm (colour/black & white)

**Print system**
Laser

**Gradation**
256

**Paper feeder**
Standard: 1,750 sheets
3 x 500-sheets per cassette (64–256 g/m²)
1 x 250-sheets multi-bypass (64–300 g/m²)

**Paper format**
A6–A3+
Max. 330 x 487 mm

**Printable area**
Max. 318 x 480 mm (A3+)

**Warm-up time**
Less than 420 seconds

**Dimensions** (w x h x d)
786 x 1,056 x 992 mm (with Original Cover)

**Weight**
Approx. 360 kg (only main body)

**Power**
230 V / 15A / 50 Hz

## Print Specifications (optional)

**Resolution**
Print: max. 600 x 1,800 dpi (with smoothing)

**IC–304 Plus External Creo-Controller (optional)**
CPU: Intel Core2 Duo Processor
RAM Memory: 2 GB, HDD: 3 x 250 GB
Interface: 10/100/1,000-Base-T
Printer language: PS3

## IC–305 External Fiery-Controller (optional)
System Version: 8 R2, CPU: Intel Core2 Duo
E6400
RAM Memory: 1,024 MB, HDD: 160 GB
Interface: 10/100/1,000-Base-T
Printer language: PS3

## IC–408 Embedded EFI controller (optional)
System Version: 8e
CPU: 2,8 GHz
RAM Memory: 512 MB
HDD: 80 GB
Interface: 10/100/1,000-Base-T
Printer language: PS3, PCL5/6

## Scan Specifications (optional)

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

**Resolution**
Max. 600 x 600 dpi

**Scanning speed**
Max. 39 opm (colour/black & white)

**Size of originals**
Max. A5 – A3

**Scanning formats**
PDF, JPEG, TIFF

**Scan adresses**
LDAP-support

## Copy Specifications

**Document feeder (optional)**
A5 to A3
Duplex document feeder
(100 sheets, max. 210 g/m²)

**Copy pre-selection**
1 – 9,999

**Zoom**
25 – 400 % in 0.1 % steps

**First A4 copy**
5.0 / 6.5 seconds (black & white / colour)

**Memory**
4 x 256 MB RAM

**HDD**
4 x 40 GB Hard disc drive (optional)

**Resolution**
Max. 600 x 600 dpi

## Options

Original feeder DF-609
Original cover OC-506

**50 sheet staple finisher FS-520**
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 and Punch-Unit PK-512

**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

Hard disc drive HD-506
Large capacity cassette LU-202
B5–A3 full bleed
1 x 2,500 sheets (64–300g/m²)
Dehumidifying Heater HT – 503

## Workflow Utilities

Fiery Color Profiler 2 color management
(optional),
Fiery Impose 2.7 (optional),
jtman 3 jobticket (optional)
Print Pool Manager load balancing (optional)
Remote Care (optional)

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 recom-
mended by Develop

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

Printed in Germany on chlorine-free bleached paper.