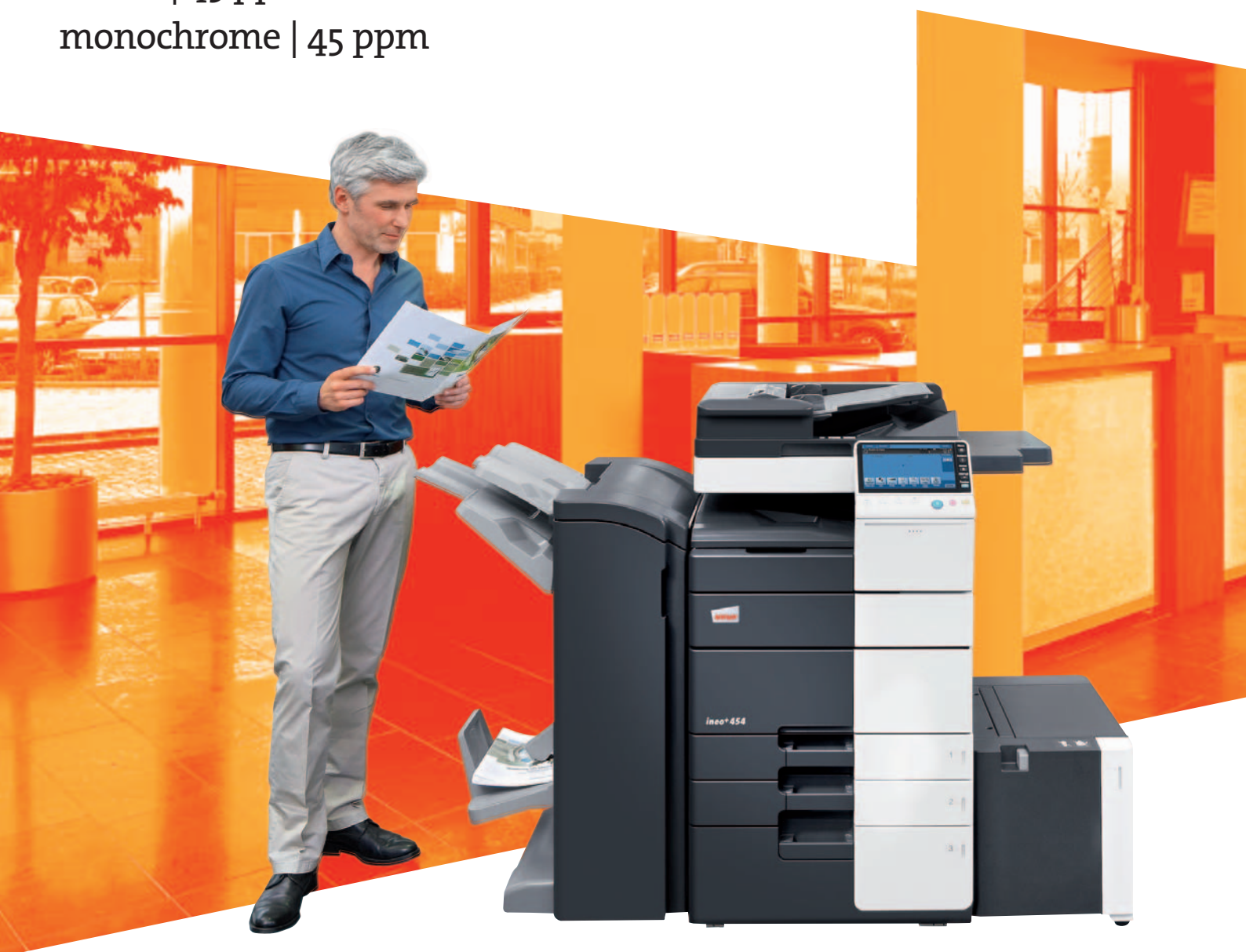# ineo⁺ 454

colour | 45 ppm
monochrome | 45 ppm

A decisive boost
to your productivity

Can a multifunctional system really improve the productivity of your office workflow? Does an office system with all the document functions you need have to be difficult to use? Can a high-quality multifunctional system be tailored to your needs? Reasonable questions, we believe. And that's why the ineo+ 454 has been designed for great speed, high-quality output and tailor-made ease of use. Just like your smartphone or tablet, this multifunctional office system can be operated intuitively with perfect ease. Frequently used functions can be placed on your start screen while functions you don't use can simply be removed. The ineo+ 454 is an office system that not only boosts your productivity and produces first-class output, it also adapts to your working habits!

If you're looking for razor-sharp printouts, excellent image quality and a wide range of finishing options combined with the operational economy of a black-and-white system, the ineo+ 454 is the solution you need. Whatever your document requirements – printing, scanning, copying, faxing or tools to simplify your everyday work – the ineo+ 454 will meet your customers' quality requirements and boost the productivity of your office workflow.

Customised user-friendliness

Many multifunctional office systems are anything but user-friendly. The ineo+ 454, in contrast, is simplicity itself. An intuitive, easily understandable operating concept ensures that it is as easy to use as your smartphone or tablet. The 9-inch capacitive touchscreen comes with well-known functions such as drag and flick, and thanks to a new menu navigation structure you can see all functions in one go and select the settings you want with just a few clicks. Frequently used functions can be left on the start screen and ones you don't use simply removed. This is the kind of individualisation that will save you lots of time.

**ineo+ 454 with staple finisher (FS-534),
saddle kit (SD-511), paper feeder (PC-210),
dual scan document feeder (DF-701),
side paper deck large (LU-204)**

ineo+ 454 with staple finisher (FS-534), saddle kit (SD-511), paper feeder (PC-210), dual scan document feeder (DF-701), banner tray (BT-C1e)

Excellent green credentials

Protecting the environment, saving natural resources and reducing energy costs – all key criteria in choosing the right multifunctional system for your office. Here, the ineo+ 454 sets new standards in green energy efficiency. Sustainability was a priority in the construction concept. For example, the ineo+ 454 is mainly made of recycled plastic and functions like the automatic deletion of blank pages avoid unnecessary copying – and wasted paper. Besides, the ineo+ 454 features a number of energy-saving measures to reduce your electricity bill. The newly developed LED scanner exposure technology is a genuine energy saver and in ErP mode the ineo+ 454 only uses 0.5 W! What's more, the dynamic Eco Timer function ensures that the system's active operating phases adapt to the actual times it is in use. That is good news for you and also for the environment – as Blue Angel and Energy Star certificates prove.

Please find more details on our website:
http://www.develop.de/en_intelligent

ineo+ 454 – Intelligent. Smart. Intuitive.

All the document functions

The qualities of the ineo+ 454 are particularly evident if you take a closer look at the wide range of standard and optional functions. You'll also appreciate the system's ease of use.

High class scanning performance

> At up to 160 pages per minute the ineo+ 454 is unusually fast for a system of its class. It also offers a broad choice of scanning functions. You can scan a document as a PowerPoint (.pptx), PDF, TIFF or JPG and optionally create searchable PDFs or PDF/As for archiving purposes. You can directly send your scanned documents as e-mails or transfer them to your FTP server, an SMB folder or DEVELOP's software tool store+find. All great time-savers in everyday office work!
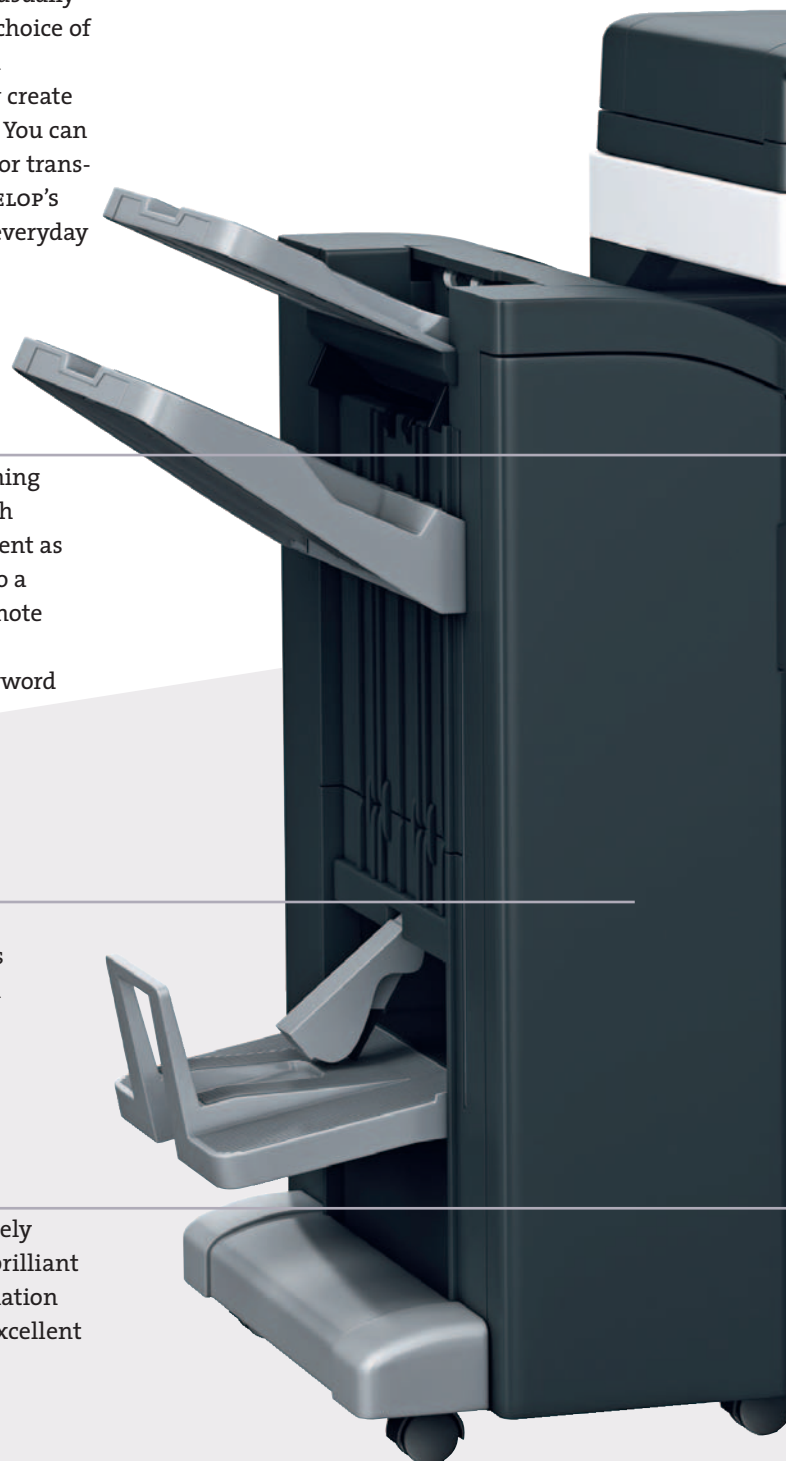
Intelligent solutions for optimised work processes

> DEVELOP's software solutions replace time-consuming manual operations with automated processes. With convert+share, for example, you can scan a document as a Word document and then send the file straight to a Windows folder, e-mail address, Google Docs, Evernote or Microsoft SharePoint. And store+find helps you locate any document easily and quickly – via a keyword or full-text search facility.

Extensive finishing and media options

> Functions such as booklet making, stapling, hole punching, banner printing and letter folding plus a broad choice of printable media ensure you can produce almost any kind of document.

Professional printouts and colour management

> The print engine and innovative HD toner are finely tuned to deliver razor-sharp 1,200 dpi printouts, brilliant colours and easily readable small type. In combination with a Fiery controller, the ineo+ 454 also offers excellent colour management possibilities.

you need

Capacitive touchscreen

> The tiltable 9-inch colour screen is as simple to use as a smartphone and features such well-known functions as flick&drag.

Convenient remote administration

> The system can be administered via any web browser from a desktop computer. Instant servicing is possible thanks to the display's remote operating function. And ineo Remote Care allows the system's status to be monitored by your DEVELOP dealer. That way he will be automatically notified when toner is running low to ensure you never run out of it and save your time and effort.

Various authentication possibilities

> Secure access to the system is ensured through various means of authentication: PIN numbers, finger-vein scanning and contactless smart cards.

Improved productivity

> The ineo+ 454 not only delivers 45 ppm in colour or black and white, it is also an extremely reliable system with various features that speed up document production. Functions such as on-the-fly replacement of the toner cartridge so no print job needs to be interrupted and carbon-copy printing ensure smoothly running work processes.

Reassuring data security

> Thanks to security features such as IPsec, S/MIME e-mail encryption and IP filtering every form of system communication or document transfer is entirely secure.

Excellent eco-friendliness

> The system's low energy consumption, economical running costs and intelligent environmental concept have been rewarded by eco-certificates such as Blue Angel and Energy Star. Eco-friendliness that is also good for your bottom line!

Time to streamline
your office life!

The ineo+ 454 will simplify your work processes, support you in document production and protect one of your most valuable assets – company data!

Work processes optimised

An automated production line where all stages of the production process are perfectly coordinated is something you normally associate with manufacturing industry. But is this possible in everyday office work? We believe it is since ineo+ 454 is an all-round solution that will help optimise your work processes. Thanks to its numerous useful functions the ineo+ 454 can reduce the amount of manual work involved in document production and thus minimise the costs involved. For example, you can scan documents as PowerPoint presentations or optionally even create PDF/A files for archiving purposes. Develop's convert+share tool allows you to scan a document at the press of a button, have it converted into the required format and delivered to whatever destination you want, e.g. store+find. This tool does away with time-wasting searches for files by ensuring every document can be quickly located. In this way, the ineo+ 454 helps you to streamline your document production line.
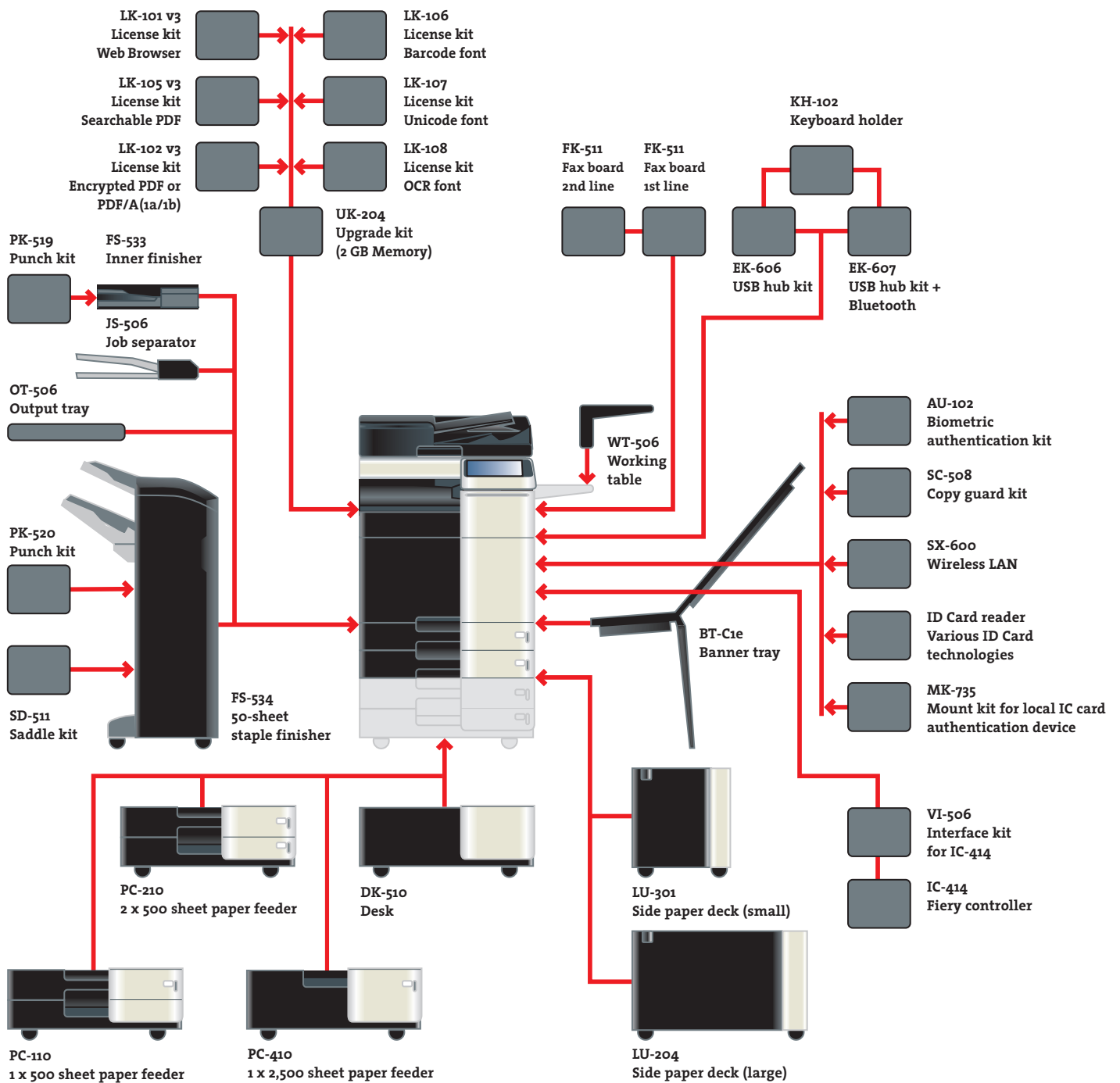
Wide choice of media and finishing functions

Tired of using external shops for specialist jobs such as invitations printed on thick, high-quality paper? Those days will be over if you invest in an ineo+ 454 – and you'll save yourself time and money. Envelopes, recycled paper, pre-printed paper, overhead transparencies and many other media can be printed with no trouble at all – as can thick card of up to 300 g/m². A broad range of paper formats from A6 to SRA3 or user-defined formats and banners of up to 1.2 metres in length are handled with ease and printed in excellent quality. Thanks to the numerous finishing options booklets of up to 80 pages can be created, letters folded in various ways, handouts stapled or invoices hole-punched. Since pre-printed offset sheets can be professionally integrated into any print job, the ineo+ 454 allows you to produce almost any job in-house!

Focus on data security

Many multifunctional office systems are high on features and low on data security. Or it comes as an expensive optional extra! The ineo+ 454, in contrast, is certified to ISO 15408 EAL 3, a computer security standard, and has numerous reassuring features such as hard-disk encryption, data erasure (when required) and security standards like TSL, SSL and IPsec. A secure printing function prevents documents from getting into the wrong hands and access to the system can be restricted to authorised users. Invest in an ineo+ 454 and you can be sure your data stay where they belong – in the right hands!

LK-101 v3
License kit
Web Browser

LK-106
License kit
Barcode font

LK-105 v3
License kit
Searchable PDF

LK-107
License kit
Unicode font

LK-102 v3
License kit
Encrypted PDF or
PDF/A(1a/1b)

LK-108
License kit
OCR font

UK-204
Upgrade kit
(2 GB Memory)

FK-511
Fax board
2nd line

FK-511
Fax board
1st line

KH-102
Keyboard holder

EK-606
USB hub kit

EK-607
USB hub kit +
Bluetooth

PK-519
Punch kit

FS-533
Inner finisher

JS-506
Job separator

OT-506
Output tray

WT-506
Working
table

AU-102
Biometric
authentication kit

SC-508
Copy guard kit

SX-600
Wireless LAN

PK-520
Punch kit

ID Card reader
Various ID Card
technologies

BT-C1e
Banner tray

MK-735
Mount kit for local IC card
authentication device

SD-511
Saddle kit

FS-534
50-sheet
staple finisher

PC-210
2 x 500 sheet paper feeder

DK-510
Desk

LU-301
Side paper deck (small)

VI-506
Interface kit
for IC-414

IC-414
Fiery controller

PC-110
1 x 500 sheet paper feeder

PC-410
1 x 2,500 sheet paper feeder

LU-204
Side paper deck (large)

ineo⁺ 454

General Data

Type of machine
Console system (built-in scanner)

Printing and copying speed
> A4: max. 45/45 ppm (colour / black & white)
> A3: max. 22/22 ppm (colour / black & white)

Print system
Laser

Gradation
256

Paper feeder
> Standard: 1,150 sheet, max. 6,650 sheet
> 500-sheet universal cassette
  (A5–A3, 52–256 g/m²)
> 500-sheet universal cassette (A5–SRA3,
  52–256 g/m²)
> 150-sheet bypass (A5–SRA3, width: 90 to 320,
  length: 139.7 to 1,200 mm and banner,
  52–300 g/m²) for standard paper, envelopes,
  OHP, thick paper, banner

Paper format
Max. 320 x 450 mm
Max. 297 x 1,200 mm banner paper

Printable area
Max. 314 x 443 mm
Max. 291 x 1,193 mm banner paper

Warm-up time
25 seconds or less

Dimensions (w x h x d)
615 x 921 x 685 mm (without options)

Weight
Approx. 101 kg (without options)

Power
220–240 V / 50 / 60 Hz

Printer Specifications

Controller
Standard: Embedded controller with 1.2 GHz
Optional: Fiery controller IC-414, 2.6 GHz

Memory
Standard controller uses system memory /
hard disk (2 GB RAM / 250 GB hard disk)
Fiery IC-414: 2 GB, 160 GB hard disk

Resolution
Max. 1,800 x 600 dpi (with Smoothing Technology)
High quality mode: 1,200 x 1,200 dpi

Network protocols
TCP/IP (IPv4/IPv6), IPX/SPX, SMB, NetBEUI, LPD,
SNMP, HTTP/HTTPS, IPP, AppleTalk, EtherTalk, LDAP

Emulation
PCL 6, PS 3, XPS, Fiery IC-414: Adobe PS 3

Interfaces
Ethernet 10 BaseT/100 BaseTX/1000 BaseT, USB 2.0

Driver
Windows XP/Vista/7 (32/64), Windows Server
2003/2008 (32/64 bit), Mac OS 9.2/OS X 10.2 or
later, Linux

Print functions
Direct print of PCL, PS, TIFF, XPS, OOXML and
PDF documents, overlay, cover page, watermark,
carbon copy, mixmedia and mixplex, banner print

Scan Specifications

Type of scanning
Scan to E-mail/FTP/Box (HDD)/PC (SMB)/
WebDAV/Me/Home/USB/DPWS, Network Twain

Resolution
Max. 600 dpi

Scanning speed
Max. 160 ipm (colour / black & white)

Size of originals
Max. A3

Scanning formats
TIFF, PDF, Compact PDF, JPEG, XPS, Compact XPS,
PPTX
Optional: PDF/A (1a/1b), Searchable PDF/PPTX/
PDF/A (1a/1b), Encrypted PDF, Linearised PDF

Scan adresses
2,100, LDAP-support

Copy Specifications

Document feeder
> Dual scan document feeder
> 100 sheet, max. 163 g/m²
> A6 to A3

Copy pre-selection
1–9,999

Zoom
25–400 % in 0.1 % steps

First A4 copy
5.5 / 4.6 seconds (colour / black & white)

Memory
2 GB RAM

HDD
250 GB

Resolution
Print: 1,800 x 600 dpi (with Smoothing Technology)
High quality mode: 1,200 x 1,200 dpi

Copier functions
Chapter and cover mode, test copy, colour image
adjustment, creative mode, poster mode, book copy,
glossy copy, ID card copy, watermark, stamp, copy
protection, 2 in 1 / 4 in 1 / 8 in 1

Fax Specifications (optional)

Compatibility
G3/Super G3, MH, MR, MMR, J-BIG/ECM, IPFAX
(iFax standard)

Transfer rate / transfer speed
33.6 kBits/s, < 3 sec. ITU-No. 1

Fax memory
Uses system memory

Fax functions
Polling, time shift, PC-Fax, Receipt to
confidential box, Receipt to E-mail, FTP, SMB

Options

> Inner finisher with 50-sheet multi position
  stapling, stack capacity of max. 500 sheets,
  optional punch kit (2/4 hole)
> Floortype finisher for 50-sheet stapling:
  stack capacity of max. 3,200 sheets, optional
  saddle kit (for booklet stapling and letter fold)
  and punch kit (2/4-hole)
> Job separator, max. 200 (150/50) sheet capacity
> Output tray
> Paper feed cabinet (500 sheet)
> Paper feed cabinet (2 x 500 sheet)
> Large capacity tray for 2,500 sheets (A4)
> Copy desk
> Large capacity tray for 3,000 sheets
  (A4, 52–256 g/m²)
> Large capacity tray for 2,500 sheets
  (A4–SRA3, 52–256 g/m²)
> Banner tray
> Working table
> Fax unit
> Fiery Controller
> Security kit
> Keyboard holder
> USB interface kit
> USB interface kit with bluetooth
> Biometric authentication kit
> Miscellaneous card solutions
> Sender stamp kit for documents
> i-Option (additional functions)
> WLAN adapter

Software Solutions

> store⁺find (opt.), convert⁺share (opt.), Personal
  Applications (opt.), Enterprise Suite (opt.),
  Fiery Profiler Color Management (opt.),
  Data Administrator (user accounts & cost centres),
  Card solutions (opt.), Unix/Linux support,
  SAP support, EveryonePrint (opt.), PCounter (opt.)

DEVELOP

TOP JOB 2012
Top Employer