

THE DOCUMENT COMPANY
FUJI XEROX

DocuTech180/128 Highlight Colour System



More effective **document communication...**
Your highlight colour opportunity

State-of-the-art monochrome printing plus exceptional

How can your documents be more effective?

With colour. Not colour the way you usually think about it but with colour used strategically to highlight your message and make your documents more effective. The DocuTech 180/128 HighLight Colour System enables high speed two-colour printing, increased response rates, more complex, variable jobs and new applications.



With nothing to grab the reader's attention, it's hard to differentiate key pieces of information at a glance.

Full colour is very appealing but it's hard to focus the reader on a particular item.



Why highlight colour?

People are inundated with documents everyday – advertisements, invoices, notices, sale flyers, and much more. All of these documents compete for the reader's eye but only the most compelling are likely to get more than a second glance.

The question is, how are you going to make your messages stand out from the crowd and get the attention they deserve? But that's just part of the challenge – once your documents are getting noticed, you want to make it easy for the reader to focus on key information.

Highlight colour has the power to accomplish both of these goals. Just by looking at the examples above, it's obvious that the full colour document is very appealing and will draw the reader to the entire document. The monochrome document also delivers the message. But with highlight colour you can focus the readers' attention on the key pieces of information you want them to see.

More than just colourful documents

Put highlight colour to work for you:

Make sure your key points are clear – highlight sale prices, discounts and other important consumer information.

Draw attention to critical messages – make expiration dates, warning labels and critical instructions the focus of the page.

buy • pay •

highlight colour at **production** speeds

How can you expand your applications?

The Fuji Xerox DocuTech 180/128 HighLight Colour System provides you with the power and flexibility to create high value, high impact applications that get results. Whether you're adding highlight colour to revitalise existing documents or incorporating it into new ones, the effectiveness of your documents – and your response rates – will increase like never before.



The world's fastest cut sheet highlight colour printer

Highlight colour printing is printing in black plus one other colour. The DocuTech 180/128 HighLight Colour System is the world's fastest, cut sheet, highlight colour printer, offering production-level speed and productivity so you expand the breadth and depth of your highlight colour applications, opportunities, and profits.

Motivate the reader to take an action:

- **Buy something** – emphasise sale prices or discounts
- **Pay something** – call out the balance on an invoice
- **Do something** – alert the reader to act
- **Understand something** – learn a new skill.

Make a more powerful impact by emphasising key information.

do • understand

The DocuTech HighLight Colour an **integration**

A Two print technologies – outstanding image quality

The HighLight Colour System relies on two imaging technologies – a xerographic engine with a laser imaging system for black, and a light emitting diode imaging system for colour. The black and colour images are built on the photoreceptor in a single pass and transferred to the paper at full printer speeds.

Resolution

- 600 x 2400 dpi for black
- 600 x 600 dpi for colour

B Colour that's easy to use and easy to change

Colour toner is available in customer-changeable units (CCU) that can be swapped out quickly and easily. Automatic Print Quality Adjustment (PQA) ensures outstanding, consistent image quality.

C Robust feeding – more jobs and continuous operation

- Tray 1: 1,100 sheet capacity (80 gsm stock)
- Tray 2: 600 sheet capacity (80 gsm stock)
- Trays 3 and 4 (high-capacity feeders): 2,600 sheets each (80 gsm stock)



G Distributed scanning or no scanning – you decide

Optional, distributed scanning with the FreeFlow Scanner 665 makes all of the prepress functions you perform on your digital documents easier. It's the distributed scanning solution that fits into your workflow, offering flexible makeready and outstanding image quality at 600 x 600 dpi for both colour and black and white scanning, with output resolution at up to 1200 x 1200 dpi interpolated.

H The power you need...

The power of DocuSP software is built right into the DocuTech HighLight Colour System Sun AMD™ processor.

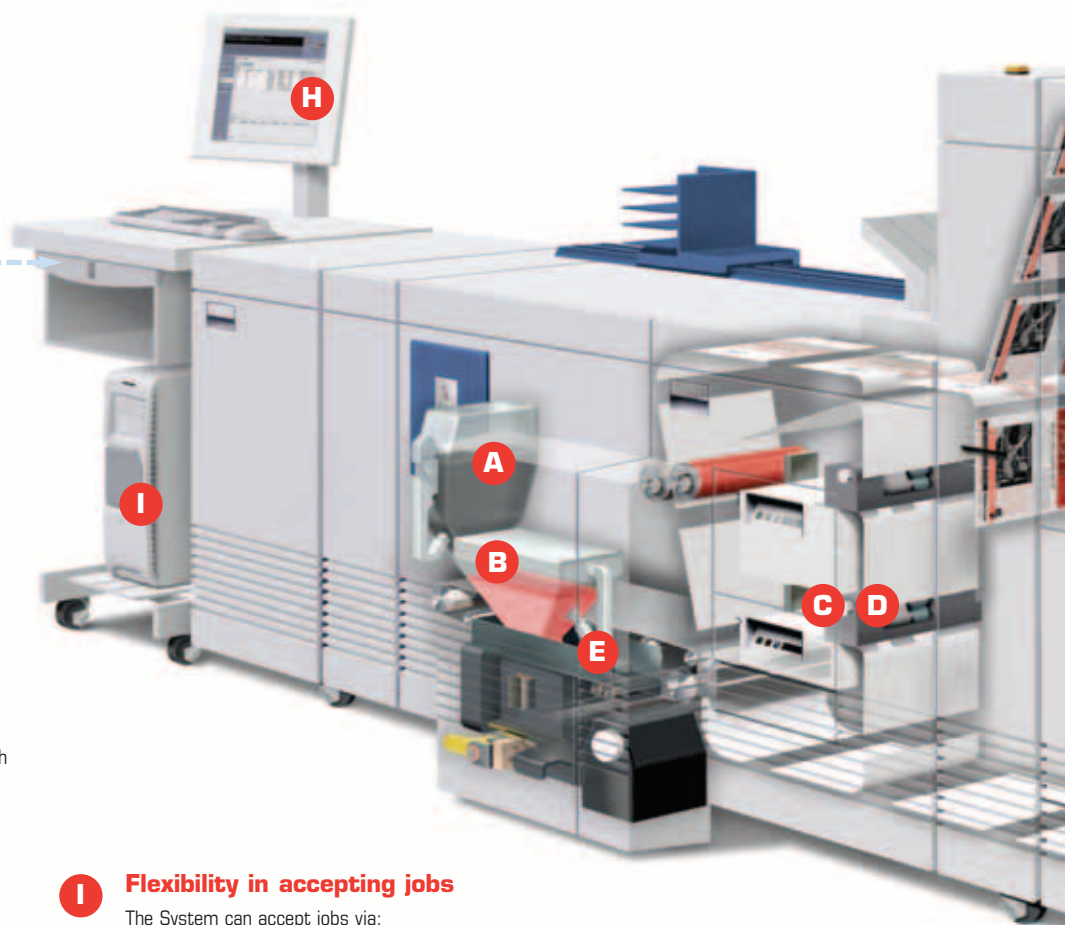
- A single user workstation for efficient operation.
- Concurrency to RIP, print, and program, all at the same time
- Features a state-of-the-art Sun Blade™ processor with the horsepower for even the most complex jobs and challenging production environments.

I Flexibility in accepting jobs

The System can accept jobs via:

- Ethernet: TCP/IP, Netware, Appletalk
- Token Ring: TCP/IP, Netware, AppleTalk
- LCDS: IBM Channel, Ethernet TCP/IP, 36 track tape (3490 Format, available post-launch)*
- FreeFlow Makeready, FreeFlow Web Services, FreeFlow Process Manager, FreeFlow Print Manager
- Native support for PCL, PPML, VIPP, PostScript® Level 3, PDF, TIFF, RDO

*LCDS/Metacode and IPDS will be customer options, which may be acquired as they become available and will be offered under Fuji Xerox standard terms and conditions. Please check with your Fuji Xerox representative for availability.



r System... of innovations

D The stocks you use everyday

Type – Label stock, tab stock, carbonless paper, pre-perforated stock, safety stock, and other specialised application materials

Size – From 203 x 254 mm to 356 x 432 mm including A4, A3, B4

Weight – From 60 to 200 gsm cut-sheet paper

E Outstanding, consistent quality

SmartPress Imaging technology is responsible for the quality of the highlight colour image. This non-contact imaging process exposes a toner cloud to the charged photoreceptor, reducing potential damage to the paper and enhancing image quality.

F Finishing options

The base finishing module includes two high-capacity stackers (standard) – 2,500 sheet capacity each (80 gsm stock). Up to two additional high-capacity stackers are optional.



The DocuTech HighLight Colour System...

World-class, production-speed highlight colour

New applications, increased opportunity

Combining outstanding monochrome and highlight colour with production speeds adds up to new applications and increased opportunity for you – and it's more affordable than you might think!



New levels of reliability

To meet the demands of production print environments, your print solutions must be ready and reliable, every time you need them.

The new technology behind the HighLight Colour System allows it to provide exceptional reliability and maximum uptime to meet the demands of your business.

Combining benchmark technologies

The Fuji Xerox DocuTech HighLight Colour System is made possible by combining technology from the industry benchmark Fuji Xerox monochrome production printers with a completely new colour imaging system. This productivity is enabled by a patented process of printing black and colour in a single pass. That means

production-level productivity for black-only images and for black-plus-one-colour images. There is never a slow down for highlight colour or for printing on heavier stocks.

Affordable colour, greater opportunity

When it comes to colour printing, cost has been a barrier for many print providers. But with the Fuji Xerox DocuTech HighLight Colour System, the cost of colour is closer to the cost of monochrome than you might think.

Consider the opportunities the HighLight Colour System can provide for your business:

- **Greater productivity** to handle production-level job volumes
- **More effective documents** with highlight colour for more satisfied, loyal customers
- **Broader range of applications** to include personalised, customised content with variable data
- **Production capability for complex documents** that include colour integration, colour covers, tabs, multiple stocks and a wide array of finishing.

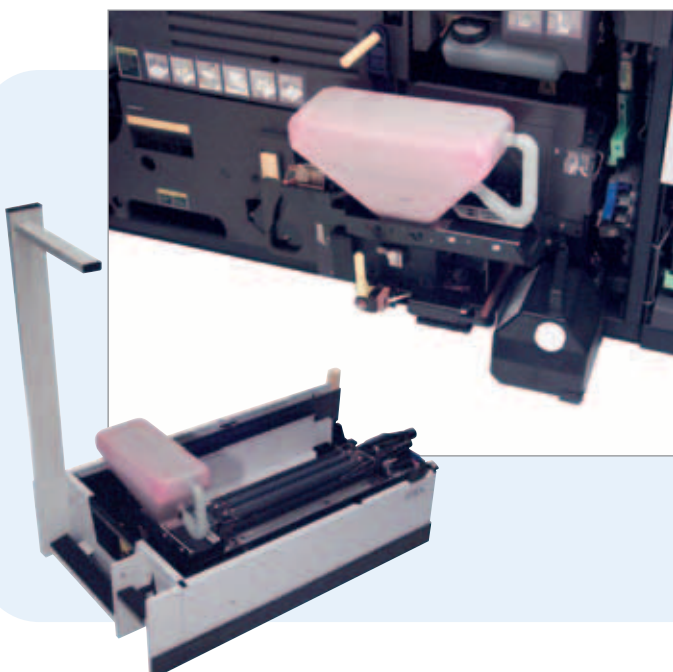
Colour your world

Black plus one of the following toners are available for the DocuTech HighLight Colour System. Colours available include:

- blue toner
- red toner
- green toner
- royal blue toner
- cardinal red toner
- cyan toner
- magenta toner
- yellow toner

Colour modules are designed to be customer-changeable in minutes. To change a colour module you simply roll the colour cart up to the machine, open the housing and exchange the module. And as more highlight colours become available, you'll be able to switch colours easily, expanding the applications and jobs you can take in.

And, regardless of whether you're printing in black or highlight colour, the HighLight Colour System prints at rated speeds.



expand your range of possibilities

The ability – and flexibility – to do more than ever

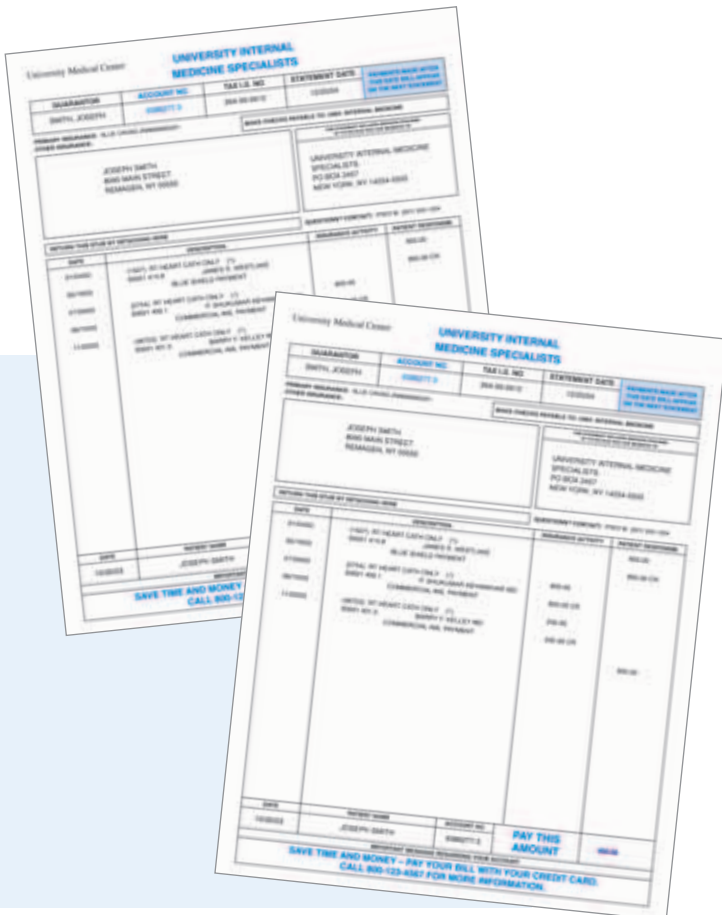
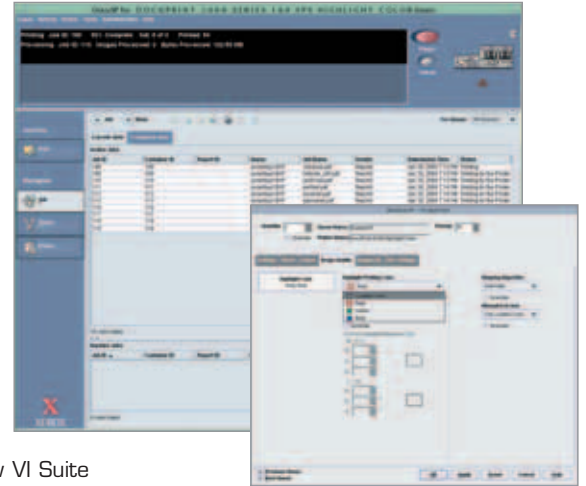
The DocuTech HighLight Colour System opens the door for opportunity – with highlight colour, variable printing, a range of datastreams, finishing options and, with Fuji Xerox FreeFlow, the Digital Workflow Collection. One great system, so many possibilities.

Production processing

With the HighLight Colour System, you'll also experience the power and flexibility of FreeFlow DocuSP. DocuSP runs on the latest Sun AMD™ processor to provide you with the horsepower you need for even the most complex jobs and challenging environments. You can use DocuSP to create up to 100 virtual printers (queues) to manage jobs more efficiently. You can even assign characteristics to queues to perform powerful, time-saving functions, even over-riding job parameters without operator intervention. And you choose the datastreams that you need today, confident that you add capability as you need it.

Variable printing

Considering adding variable printing to your offerings? It's easy with the HighLight Colour System and the FreeFlow Variable Information (VI) Suite. The FreeFlow VI Suite and FreeFlow partners and services can provide you with all of the resources you need to add variable graphics, images and data to your documents within an optimised workflow. The end result is high impact, high-value marketing communications that expand your applications and drive revenues. And because of the FreeFlow VI Suite workflow, you can expect to enhance your throughput and efficiency for all of your variable-data applications.



Enabling the way to new opportunity with workflow solutions

The Fuji Xerox DocuTech HighLight Colour System works in conjunction with the Fuji Xerox FreeFlow Digital Workflow Collection – a growing suite of workflow solutions from Fuji Xerox – to fit easily into your workflow. Developed to open standards, FreeFlow solutions are designed to let you leverage your existing workflows and enable increased productivity and profitability. FreeFlow products help build workflow solutions for output, process and business shop management in environments from in-plant to commercial print. And FreeFlow supports the mainstays of the digital production workflows – from familiar Fuji Xerox names like DocuTech, DocuSP, and VIPP, to software and finishing devices developed by over 100 Fuji Xerox Business Partners.



Specifications

Fuji Xerox DocuTech 180/128 HighLight Colour System

System Control Module

- Xerox FreeFlow Document Services Platform (DocuSP)
- Sun AMD™ processor
- CD-RW / DVD-ROM Drive
- Colour flat panel display
- Keyboard and mouse
- Ethernet interface (10/100 BaseT)
- Three Universal (PDCIMUB) printer interface cards
- Controller stand
- Options:
 - 36-track tape drive (Available post-launch)
 - Online card
 - QIC tape

Printer Module

- Xerographic engine with laser raster imaging system for black and Light Emitting Diode for colour
- Prints simplex or duplex
- Monthly duty cycle: up to 6 million impressions
- Black plus one highlight colour*
- Permanent housing for black dry ink, plus one customer changeable unit (CCU) for colour dry ink
- Operator attention light

Datastream Support

- PCL, PPML, VIPP, Adobe PostScript® Level 3, PDF, HP PCL6, TIFF, RDO, ASCII
- Integrated FreeFlow Variable Information Suite
- LCDS/Metacode and IPDS will be customer options, which may be acquired as they become available under standard Fuji Xerox standard terms and conditions. Please check with your Fuji Xerox representative for availability.

Speed

- Print speeds: Up to 180 ppm (A4) or up to 128 ppm (A4)
- No throughput speed degradation for highlight colour print

Toner

- Black plus one of the following toners are available for the DocuTech HighLight Colour System. Colours available include:
 - blue toner – red toner – green toner
 - royal blue toner – cardinal red toner – cyan toner
 - magenta toner – yellow toner
- Black plus one colour for rendering numerous halftones (tints and shades)

Paper Handling

- 60 to 200 gsm cut-sheet paper weights
- 203 by 254 mm to 356 by 432 mm including A4, A3, B4 paper sizes
- 178 by 254 mm enablement kit (optional)
- Label stock, tab stock, carbonless paper, pre-perforated stock, safety stock, and other specialised application materials

Input:

- Main tray (tray 1): 1,100-sheet capacity of 80 gsm stock
- Tray 2: 600-sheet capacity of 80 gsm stock
- Two high-capacity feeders (trays 3 and 4): 2,600 sheets each of 80 gsm stock (standard)
- Up to two additional high-capacity feeders (optional): 2,600 sheets each of 80 gsm stock input trays

Output:

- Two high-capacity stackers (standard); up to two additional high-capacity stackers (optional). Each 2,500-sheet capacity of 80 gsm stock
- Sample tray: 100 sheets of 80 gsm stock
- Purge tray: 100 sheets of 80 gsm stock
- Bypass transport: enables connection to any DFA-compliant, third-party inline finishing device (optional, available post-launch)

Connectivity

Network:

- Ethernet: TCP/IP, Netware, AppleTalk
- Token Ring: TCP/IP, Netware, AppleTalk
- LCDS: IBM Channel, Ethernet TCP/IP, 36 track tape – optional (3490 Format)
- FreeFlow Makeready, FreeFlow Process Manager, FreeFlow Web Services, FreeFlow Print Manager
- LCDS/Metacode and IPDS will be customer options, which may be acquired as they become available under standard Fuji Xerox standard terms and conditions. Please check with your Fuji Xerox representative for availability.

Resolution

- 600 x 2400 dpi for black
- 600 x 600 dpi for colour

Environmental Requirements

- Recommended operating temperature: 22° ±2°C
- Minimum/maximum operating temperature: 10° to 29°C
- Minimum/maximum relative humidity: 45% ± 10% (no condensation)
- Maximum normal altitude: up to 1830 m above sea level
- Audible noise level: meets 82dB noise exposure limit
- Heat dissipation, in Btu per hour
 - System control module: 3,074 Btu
 - Printer module: 4,454 standby; 32,770 operating

Electrical Requirements

- System control module: 100-240 VAC, 47-63 Hz, 10 amp
- Printer Cord System:
 - 50Hz Service
 - 32 amp dedicated service (Wye): 220/380 VAC or 230/400 VAC or 240/415 VAC (3 Phase)

Physical Characteristics

Width (mm)	Depth (mm)	Height (mm)	Weight (kg)
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System Control Module

254	610	455	32
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Printer Module

1,963	884	976	716
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Highlight Colour Module

555	1028	976	166
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High-Capacity Inverter Feeder/Stacker

1,060	19	1,466	301
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High-Capacity Feeder/Stacker Middle Module (optional)

822	719	1,466	237
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High-Capacity Feeder/Stacker

822	719	1,513	237
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Bypass Transport (optional)

518	719	1,425	80
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Protecting the environment is a fundamental component of our company's commitment to corporate citizenship.

At Fuji Xerox Australia, we supply products that have been designed with both our customers and the environment in mind. As a world leader in the development of parts and components Remanufacturing Programs, we have made Eco Manufacturing an integral part of our business.

All our sites have achieved ISO 14001 Environmental Management System Certification, as a demonstration of our commitment to protecting the environment.

