

FUIAL

Commercia

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RANGE GUIDE

World-class commercial printing solutions Printed on the Jet Press 750S.

Discover our commercial range

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Why Fujifilm?

Fujifilm has a long history of innovation in traditional offset printing, which when combined with the industry's leading inkjet and toner technologies, gives us a unique understanding and capability in our drive to lead the transition to digital.



Heritage

• We've continued to innovate in offset, with our processless plates leading the industry. Benefits include eliminating the need for a processor and water, and therefore also reducing waste, resulting in significantly lower environmental impact.

Technology

- Our Revoria and ApeosPro ranges of digital presses are built on a 60 year legacy of technological excellence in toner research, development and manufacturing.
- Fujifilm is now the world's leading supplier of piezoelectric drop-on-demand inkjet printheads and ink, with our Samba printbar at the heart of our industry-leading Jet Press 750S High Speed Model and scalable imprinting systems.
- Fujifilm has made significant investments in workflow solutions for commercial printing. Back in 2005,
 Fujifilm built a completely new workflow built around the Adobe PDF Print Engine.



We value trust

 Guided by values of trust, innovation and sustainability, we build long term relationships to deliver lasting value. These are the core values driving Fujifilm, delivering unrivalled value to our customers and their customers alike.

Size and stability

 Our vision is long term and we have the size, financial strength and diversity to weather global financial storms. Our global revenue in 2021 from our Graphic Communications business was
 €2 billion, a significant proportion of this invested in the development of new digital solutions.

Support

 We have built stable teams with immense knowledge and expertise in print production, delivering a world-class service and support infrastructure.



The best of inkjet & toner

Fujifilm is well known as a supplier of high quality pre-press and workflow solutions for commercial offset printing. But less well known is the fact that the company has been undergoing a radical transformation of its business. The result of this transformation is an industry-leading range of digital printing solutions. Fujifilm's Revoria and ApeosPro ranges of toner digital presses are built on a 60 year legacy of technological excellence in toner research, development and manufacturing within the company's Business Innovation division. Fujifilm is also the world's leading supplier of piezoelectric drop-on-demand inkjet printheads and ink, with it's industry leading Samba printbar at the heart of the Jet Press 750S High Speed Model, and wide range of modular imprinting systems.

This technology platform puts Fujifilm in the position of being able to offer the best in toner and the best in inkjet for a wide range of commercial printing applications. With an ambitious plan to launch new digital solutions, complemented by a powerful new digital workflow, we encourage you to take a fresh look at Fujifilm to see how our digital solutions can make a difference to your business.

Commercial covantage

Fujifilm's comprehensive technology portfolio has resulted in the industry's leading digital printing systems. These include the Jet Press 750S High Speed Model B2 inkjet press, which is setting new standards for print quality and productivity, along with a variety of scalable inkjet imprinting solutions.

Fujifilm can now also offer the Revoria and ApeosPro ranges of toner digital presses, which include the award-winning Revoria PC1120 press, providing unlimited creative potential with ten colours, including gold, silver, white, pink & clear, easily configurable in six stations.

What is common to these digital solutions is breath-taking quality, an expanded colour gamut, and outstanding productivity and performance across a wide range of media, from standard offset paper, to folding carton board and some plastics. So if you are looking to build a competitive advantage to your business, look no further than Fujifilm's digital solutions.

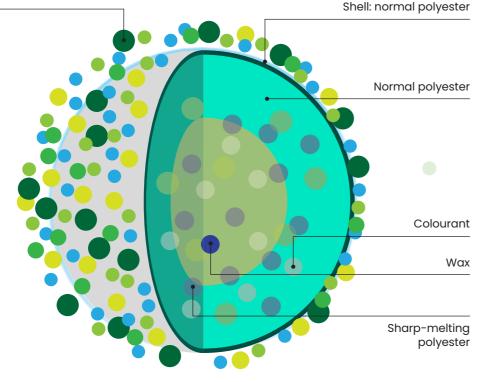


Best-in-class toner technologies

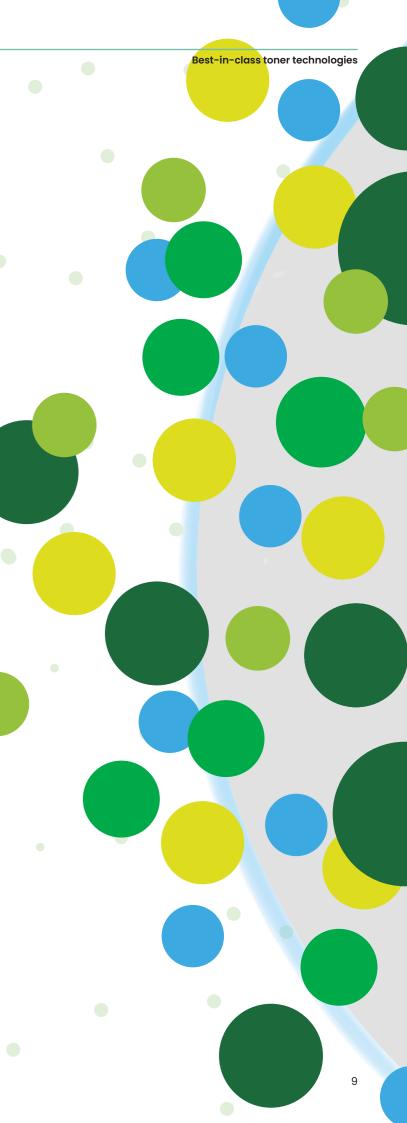
Over the last 60 years, Fujifilm has developed worldleading expertise in toner-based technologies that are transforming printer performance. These include our EA-Eco toner and fusing systems, screening and smoothing algorithms, and systems for laser imaging and registration, finishing and post-processing.

We have also built a network of toner R&D and manufacturing centres in Japan and China. Originally a joint venture with Rank Xerox, this business became a wholly owned Fujifilm subsidiary in 2019, when Fujifilm acquired the final 25%, with the business now renamed as FUJIFILM Business Innovation Corporation.

> Various functional fine particles (charging, heat-resistance, cleaning etc.)



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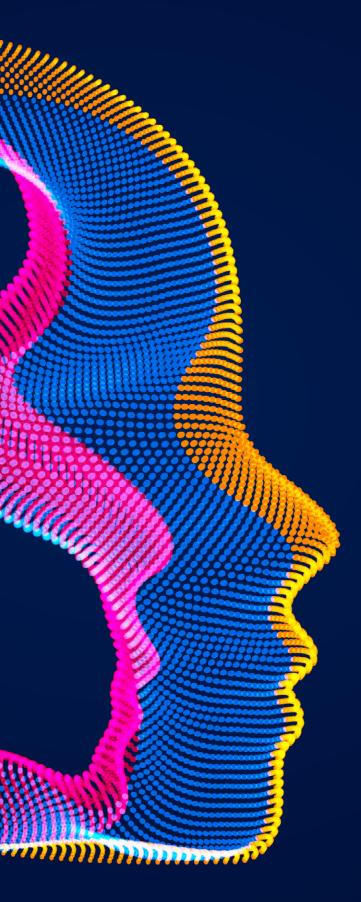
We know colour

Fujifilm has built phenomenal expertise in image optimisation, colour management and print production workflows thanks in no small part to its origins in 1934 as a photographic company.

This expertise is today built into all Fujifilm digital print solutions, whether that is in the image optimisation, screening algorithms and colour management processes, or increasingly in new forms of workflow management and artificial intelligence. Fujifilm has continued to invest significantly in workflow solutions for commercial printing. Back in 2005, Fujifilm launched XMF Workflow – a completely new offset workflow built from the ground up around the new PDF Print Engine from Adobe. This is now complemented by the launch of our new digital print workflow XMF PressReady, which is set to automate many aspects of digital production, and provide the foundations for the smart factory of the future.



New developments in Al (Artificial Intelligence) automatically determine the scene for each photographic image on the page and make appropriate corrections.



Commercial range guide

Section One

Digital production solutions

Digital production solutions



A new standard in print

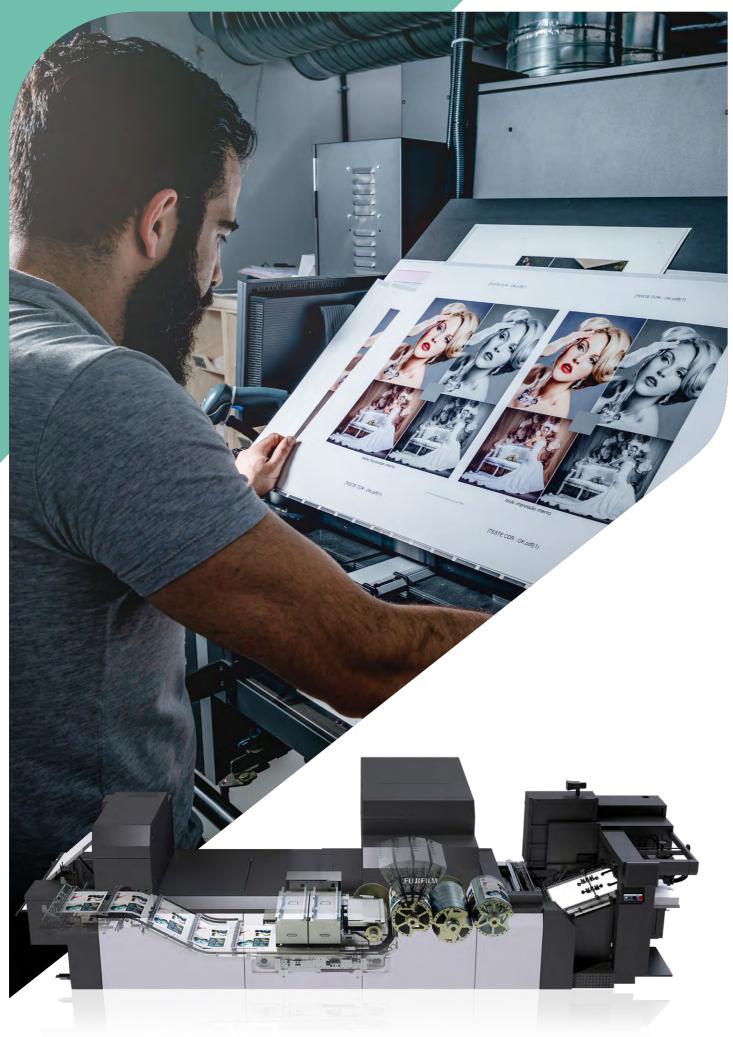
Jet Press 750S High Speed Model: Transforming short run print

The Jet Press 720S was the first B2 inkjet press to gain a foothold in this market, and was ahead of the game in terms of productivity and quality. And with over 300 Jet Press installations worldwide, more and more print buyers are now recognising what you can achieve with the inkjet technologies built into this groundbreaking press. But with the steady increase in the number of short run jobs, and the introduction of the Jet Press 750S High Speed Model, capable of printing up to 5,400 sheets per hour, more and more jobs are going to fit the sweet spot of this industry-leading press.



FUJIFILM

BALLAT



Jet Press 750S High Speed Model Three presses in one

High Performance Mode:

Accelerate offset replacement Offset print quality Up to 5,400 sheets per hour 1200 x 600 dpi No primer required, reducing cost Lower ink usage for lower cost per sheet Print most offset jobs profitably

Charateristics common to all modes:

Variable data and personalisation

In High Value mode

5,400 sheet per hour B2 digital press that delivers offset quality and press reliability but with lower ink consumption and therefore cost per sheet. This doubles the number of profitable digital print jobs you can print, simplifying and speeding up your production.

In High Performance mode

High Value Mode:

Balance cost and quality

- Hybrid of High Performance and
 - High Quality modes
 - 3,600 sheets per hour
 - 1200 x 1200 dpi
- No primer required, reducing cost
 - Adds flexibility and choice

High Quality Mode:

Differentiate your business Better than offset print quality Up to 3,600 sheets per hour 1200 x 1200 dpi Uses Rapid Coagulation Primer Wider gamut, high impact printing For the most demanding, high quality print jobs

Accurate sheet-to-sheet registration High up time and reliability No pre-press or make readies

Allows the jet press to operate at 3,600 sheets per hour and 1200 x 1200 dpi, delivering the same higher resolution print and speed as High Quality mode, but without the need for a primer. This results in excellent quality and the ability to resolve fine text and graphics, with lower sheet costs and only a slight reduction in colour gamut and subtlety of images.

In High Quality mode

3,600 sheet per hour press that delivers print quality better and more consistent that offset, with a wider high-impact colour gamut. This allows you to compete for print jobs of the absolute highest quality, setting you apart from your competition.

Commercial range guide

A truly versatile press

Jet Press 750S High Speed Model

The Jet Press 750S High Speed Model is able to print on a wide range of substrates. As well as coated and uncoated offset paper, the press can print on carton board, photo canvas and some plastic materials. As a result, the opportunity to use the Jet Press to diversify and open up new markets makes it an exciting proposition.

Print on standard coated & uncoated offset paper

The Jet Press 750S High Speed Model is unlike many other digital presses in that it can use an assortment of standard offset paper. This means, for example, that a printer can take advantage of current paper stocks, simplifying inventory and reducing costs.

Printing on canvas and plastic

Thanks to improvements in the vacuum drum and ink chemistry, the Jet Press 750S High Speed Model can be used to print on canvas and some plastic substrates. This adds another versatile option that allows owners of the Jet Press to explore new applications and revenue streams.

Suitable for offset post-press enhancements

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Jet Press printed sheets have been tested and found to be compatible with a wide range of analogue and digital coating, foiling, lamination and cutting solutions. An automatic bridge is also available to connect to online coating solutions.

Full speed double-sided variable data handling

The Jet Press 750S High Speed Model can handle variable data, with the press using a barcode system to guarantee front and back page matching. The barcode is printed in the non-image area of every sheet immediately after the paper leaves the input sheet stacker. The press reads the barcode on every sheet as it leaves the stacker and downloads the correct page information before it prints the second side.

The benefits of this capability extend beyond the obvious application of variable data personalisation. Jobs can also be printed 'collated' in page order to simplify and speed up the finishing process or improve the logistics for job distribution, making the production of versioned print jobs simple and straightforward.

Perfect for packaging

Delivering exceptionally consistent, high quality output ready for finishing on carton board or synthetic media, the Jet Press 750S High Speed Model is ideal for printing packaging.

As an option, the Jet Press can be modified to accommodate heavier weight folding carton stock from 0.2 - 0.6mm in thickness. This makes it ideal to print short run packaging applications.

Adding the Jet Press 750S High Capacity option means an additional 300mm of stock can be fed and delivered by the press without intervention. This is equivalent to an extra 1000 sheets of 300µm folding carton board compared to the standard Jet Press 750S, expanding the capacity for non-stop running for folding carton converters by an extra hour, or 37%.

Jet Press 750S High Speed Model

Ultra-high quality

The Jet Press 750S High Speed Model takes the print quality produced by a digital printing system to new heights thanks to a combination of fundamental Fujifilm technologies. The end result is stunning, vibrant colours, superb skin tones, extraordinary fine text and line detail, and incredible flat tints, all produced on standard coated or uncoated offset paper.

Colour management, worklow and screening

VIVIDIA CMYK inks have been painstakingly developed to match the Samba printheads and achieve the best consistent performance on the widest range of standard offset papers with or without primer. Ink grains as small as 0.5 trillionths of a litre, invisible to the naked eye, are discharged at high speed to deliver breathtaking print quality.

Real-time closed loop quality control

Quality is enhanced through the use of a CCD sensor that makes any necessary alterations to the way the ink is discharged from the printhead in real time. The In-Line Sensor (ILS) system detects any nozzle and ink deposition inconsistencies, modifying the parameters in real time to correct deviations from the norm.

Latest generation samba printheads

Samba printheads lead the industry in terms of performance. Fabricated using precision MEMS* technology, they can achieve 1,200 x 1,200 dpi, and thanks to VersaDrop technology, the ink droplets can be reproduced in four levels of greyscale, with the effective resolution therefore much higher.

Larger gamut, ultra consistent water-based inks

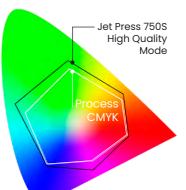
In addition, one of the key advantages of the Jet Press running in High Quality mode is its enhanced colour gamut that can produce more vibrant print with just four CMYK inks, and reproduce more spot colours.

Registration accuracy better than offset

Quality is nothing without consistency. Because the Jet Press makes use of an offset paper feed mechanism, which adjusts automatically when the paper size is selected, registration accuracy and repeatability from sheet-to-sheet are superb.

Bleed-free ink coagulation technology

The natural tendency of an ink droplet is to spread when it hits the paper. In High Quality mode, the Jet Press applies a Rapid Coagulation Primer (RCP) prior to ink deposition to ensure uniform ink formation whatever the paper type. The primer incorporates technologies which prevent dot gain - a critical component in the formation of an ultra-high quality image.



A wide colour gamut enables vibrant images to be reproduced and allows colour matching to the ISO 12647-2 standard, critical for mixed offset and digital production environments.



Exceptional environmental performance

There are a number of significant environmental benefits with the Jet Press 750S High Speed Model.

The Jet Press significantly reduces paper waste by minimising over-runs and make readies. On some short-run jobs on older traditional sheet-fed presses, the number of make ready sheets can represent a significant percentage of the total run, up to 25% in some cases. This problem is eliminated with the Jet Press as the make ready waste is virtually zero.

Elimination of plate production, water and waste

The Jet Press eliminates all the elements involved in the production of plates. This includes the plates, platesetters, processors and associated chemistry, water and waste. Each one of these elements of a plate production system has a significant carbon footprint in terms of its life cycle, from design, manufacture, transport and use to eventual disposal.

Reduction of hazardous pressroom consumables

The Jet Press also removes the need for a number of the pressroom consumables used on a typical offset press, for example founts, sprays and potentially harmful VOC washes, and of course significantly reduces the requirement for water.

Lower carbon footprint

As a result of Fujifilm's life cycle carbon footprint analysis, the company estimates that the carbon footprint of the Jet Press 750S High Speed Model compared to an equivalent B2 sheet-fed press (internal estimate) is approximately 25% less.

Sheets can be easily recycled

The environmental performance of the Jet Press 750S High Speed Model is further enhanced by the ability of sheets printed by the press to be easily recycled, thanks to the use of water-based VIVIDIA inks and primer.

Technical specifications

Jet Press 750S High Speed Model			
Printing			
Printheads	Next generation Samba p		
Colours	4 colour, CMYK, extended		
Resolution	1200 x 1200 dpi (High Qual (High Performance mode		
Productivity	Up to 3,600 B2 sheets per (High Performance mode		
Workflow	XMF Workflow V6.x or la		
Varable data capability	Yes, thanks to barcode sy		
Substrate			
Maximum sheet size	750 mm x 585 mm		
Printable area	733 mm x 567 mm		
Thickness	0.09 mm - 0.34 mm When configured for hear		
Туре	Standard offset coated a Canvas Heavier duty folding carto Some plastics		
Physical			
Dimensions	7.35m (L) x 2.65m (W) x 2.0 *The height when cover is		
Space requirements	10m x 5.2m x 3m including		
Required weight bearing load	More than 2.2 tonnes/squ		
Power requirements	330A/ 200-230VAC		
Operating environment	20 - 28°C, 40 - 60% RH		
Options			
Full sheet scanning			
Remote tablet operation			
Heavier duty stock capability (0.2 - 0.6mm)	1		
Paper conditioning unit			
Inks, Primer and Wash			
Inks, Primer, Wash	VIVIDIA HS CMYK inks (Higl VIVIDIA CMYK inks (Stando Rapid Coagulation Prime Nozzle cleaning wash		
Shelf life	2 years under recommen		
Packaging	Inks, RCP and Wash in 10 li		

printheads

gamut (High Quality mode)

lity and High Value modes) or 1,200 x 600 dpi e), VersaDrop technology with 4 level greyscale

r hour (High Quality and High Value modes) or 5,400 B2 sheets per hour e), static and variable jobs

r, or a third party workflow with XMF Processor

ystem and high capacity data transfer

avier, folding carton stocks: 0.2 mm - 0.6 mm

and uncoated paper

on board

.05m (H)* is open is 2,293 mm

g space for ancillary equipment

uare metre

h Performance Model) ard Model) er (RCP)

nded warehouse conditions

litre packs



Six stations, ten colours. Unlimited potential.

Transform your business with the award-winning Revoria PC1120 digital press.

Discover unlimited creative potential with 10 colours, including gold, silver, white, pink & clear, easily configurable in six stations. With industry leading print quality, incredible media & finishing versatility, and the largest CMYK colour gamut*, it's no surprise the Revoria PC1120 digital press is taking the market by storm.



BLI 2022 PRO Award Winner for Outstanding High-Volume CMYK+ Production Device.

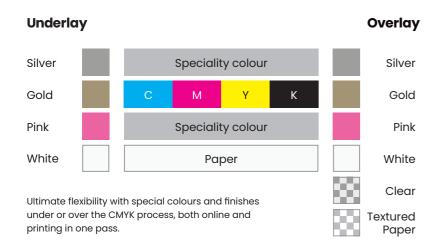
*Key findings in the Revoria PC1120 digital press winning the Keypoint Intelligence BLI 2022 PRO Award.



Unlimited creative potential

Fire your imagination

Imagine up to six colour stations online at the same time with speciality toners that can include white, gold, silver, clear, pink, and textured finishes. Then add the possibility of printing one of each both before and after CMYK laydown for an infinite number of creative possibilities. The Revoria Press PC1120 is the only press that can offer such flexibility with the minimum of fuss and downtime. Other platforms require multiple passes through the press and swapping colours between stations to achieve the same output.



Precision toner for clarity and definition

Super EA-Eco toner* also has one of the smallest toner particle sizes in the world. This makes it possible to reproduce small characters and thin lines more sharply, render halftones and gradients with less graininess, and reproduce dot shapes more faithfully, delivering superior print quality.

*All toners except white are EA-Eco toners



"

In addition to the special colours, the PC1120 enables us to print on substrates of many thicknesses, sizes and types, including plastic – something that we could not achieve with any comparable press on the market. The machine's media handling is also particularly impressive. "

Tiago Yu, Floricolor

Applications & possibilities

Enhance your productivity, create more value, deliver business growth.

The Revoria Press PC1120 combines capability and simplicity to help you deliver a stunning range of creative print without the inconvenience of workarounds that you could experience with other presses. Combine multiple effects and enhancements on press to achieve more in a single pass.



Taller, wider, longer banner printing

A 1.2m print capability extends your ability to offer flags and banners, vertical calendars, book covers and wraps, packaging slip covers and more creative gatefold, z-fold and concertina fold pieces.



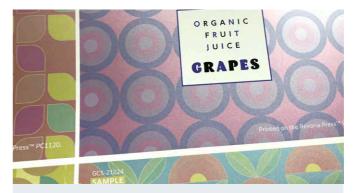
Highlights are a clear winner

Pick out names and headlines with clear, perfectly registered clear toner to add an extra dimension to personalised print. Creative use of a clear layer adds a touch of luxury when adding subtle patterns and backgrounds too.



Be brilliant with high opacity white

The Revoria Press PC1120's ability to print high opacity white is essential for window clings, labels and stickers on transparent media and opens up a world of possibilities on darker paper and board.



Silver and gold add to the mix

Metallic toners are not limited to highlights alone. Mix silver and gold with other colours for unlimited combinations and a multitude of new colours.





Give photos an instant makeover with pink Skin tones of any hue are smoother with noticeably reduced grain when you add pink toner to the mix. Fujifilm's AI expertise automatically gives perfect results every time. Pink increases the gamut in purple, orange and yellow shades.

Image enhancement Photo gifts and photobooks benefit from Fujifilm's image enhancement, making life easier for the operator with no requirement for photographic skills.



Silver and gold with CMYK Silver and gold can also be combined with CMYK to create a whole new palette

Revoria Flow PC21

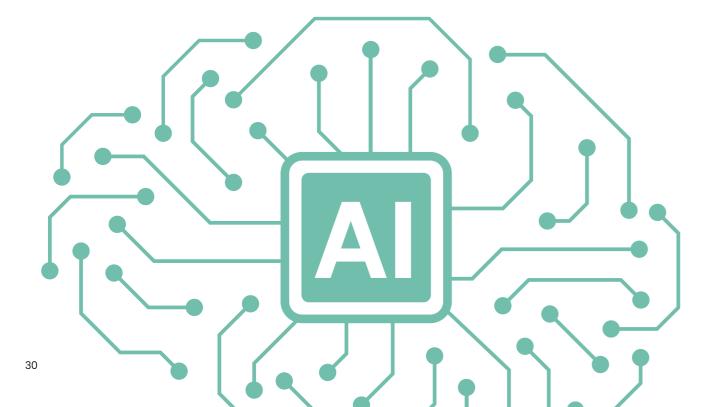
Fujifilm's Revoria Flow PC21 is the 11th generation of Fujifilm's Digital Front End (DFE) combining workflow functionality and Fujifilm's advanced imaging know how in one all-inclusive package.

Unique Artificial Intelligence (AI) based photo quality optimisation

Revoria Flow PC21 allows you to automatically improve and optimise supplied images. The optimisation process uses Al built from Fujifilm's many years of photography and imaging knowledge to identify and adjust specific scenes automatically. Even poor quality images that are too dark, too bright, backlit, or with poor skin or sky colours, can be automatically corrected and printed beautifully.







Speciality Colour Quick Viewer

Fujifilm's Speciality Colour Quick Viewer (SCQV) allows the user to preview the effect of special colours as well as different substrates (embossed paper etc.) before printing.



By changing the angle, the glossy appearance of an image produced with Clear toner can be viewed

New Pink ICC Profile for improved GB data reproduction

Revoria Flow PC21 includes an enhanced ICC Profile which together with Pink toner improves the reproduction of data designed in RGB, allowing designers to achieve their desired results easier, without applying separation in Adobe PhotoShop. In addition, with Colour Profile Maker for Display (CPMD) a display ICC profile can be created which corrects the colours displayed on a monitor to match the printed output.



Adobe RGB Data Printed with CMYK only The orange tints appear dull



CMYK+Pink The orange is more vivid

Fiery PC11

The Fiery PC11 software makes it easy to take advantage of the 6 colour capability of the Revoria Press PC1120, allowing users to create stunning metallics and other premium print effects for the production of higher margin print jobs.

Add value to your prints

The Fiery PCII software makes it easy to take advantage of the power of the PCII20's 6 colour capability to deliver premium print effects. The Fiery Smart Estimator also estimates speciality toner costs before having to print a single page.

Automatic PDF enhancement

Fiery JobExpert[™] is a new technology that analyses incoming PDF files and dynamically chooses the optimal print settings to achieve the highest quality while optimising processing time.

Take control of your colour management

Fiery Colour Profiler Suite (CPS) is designed to help maintain colour quality. Its intuitive user interface allows any operator to successfully manage the colour so that a specific colour standard can be met and maintained over time. CPS integrates with the DFE's CMM tools.

Key Features

- Unrivalled productivity
- Built-in print intelligence
- Comprehensive colour management
- Toner use estimation
- Variable data printing
- Manage all data streams

Improve your performance

Fiery HyperRIP[™] helps dramatically improve performance by simultaneously processing print jobs by optimising the use of the Fiery server's interpreter and rendering engines across multiple processor cores. Two HyperRIP[™] modes (for single 1 and multiple jobs) can increase RIP speeds, help achieve uninterrupted production and avoid lost production time.

Variable Data printing was never so easy

Fiery FreeForm[™] Create allows users to quickly and simply personalize existing files through an intuitive interface - with no additional VDP software needed- and add variable elements such as text, images, and barcodes with just a few clicks.

Manage all data streams

Fiery IPDS is a high performance, IS/3 compliant native IPDS option for bi-directional communication and host acknowledgements. This solution enables print service providers to manage all data streams (IPDS, PDF, PostScript, and VDP formats such as PDF/VT and PPML) from one single interface.



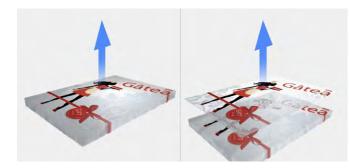
Designed to help maintain colour quality

Revoria Press PC1120



Flexibility for whatever job comes next

The Revoria PC1120 can be configured with an extensive and unique combination of feeding, folding, trimming and booklet making options.



Static eliminator: OFF

Static eliminator: ON

New Air Suction Feeder handles banners too

Accurate and reliable paper feeding of a range of paper types and even difficult substrates is a must for an efficient print on demand environment. The Revoria Press PC1120 Air Suction Feeder is an offset-like feeding mechanism that adds a new level of control for light weight to heavy weight paper, small or large, even banner sized sheets. The shuttle head transport draws up the paper and separates sheets that would normally be prone to sticking.

New Static Eliminator module keeps

Adding white to the Revoria Press PC1120 opens up

window graphics and very light stocks. Without the

efficient removal of static build up after the fusing

them difficult to handle. The new Static Eliminator

module makes finishing easier and more reliable,

using a two stage process that can be adjusted

that would otherwise be hard to process.

precisely to suit the media, including some papers,

process, synthetic sheets can stick together, making

the potential to print on films for stickers, labels,

synthetic media moving

Side blower: air is blown from both sides to separate the paper





800 sheets + 2100 sheets x 3 trays + 250 sheets Maximum 330 x 1200 mm (Upper tray)

*I: Multi Sheet Inserter or Multi Sheet Inserter for Banner Print is required *2: Multi Sheet Inserter for Banner Print is equipped as standard *3: Optional Full Configuration: W 10462 x D 1104 x H 1786 mm

Output options

- Interface Decurler Module D1
 Real-time paper curl correction
- Inserter D1
 Cover / sheet insertion
- Static Eliminator D1
 Eliminate static electricity
- 4 High Capacity Stacker A1
 - 5000-sheet offset-stacking
 Single and dual combinations
 - Stacker cart
 - Long sheets output

5 Crease/Two-sided Trimmer D2

- Two-sided trim Crease
- Folder Unit CD2
 Z fold half sheet Tri-fold

7 Finisher D6

- Sort / Stack Stapling
- Hole punch^{*3}
- Long sheets output

Finisher D6 with Booklet Maker

- Sort / Stack Stapling
 Hole punch*³ Single fold
- Saddle staple
- Long sheets output

8 Square Back Fold Trimmer D1

• Face trim • Square back





Key specifications				
Productivity	120 ppm even when printing in six colours			
Colours	Four colour CMYK plus two optional colour stations			
Resolution	2400 x 2400 dpi			
Media handling	From 52 gsm lightweight to 400 gsm heavyweight board Minimum size 98 x 148 mm. Maximum size 330 x 1200 mm			
Print Servers	Revoria Flow PC21 / Fiery DFE			

Advanced, high quality monochrome print production

Revoria El Series

A versatile and advanced range of printers designed to produce the highest quality monochrome print, consistently and reliably, at speeds of up to 136ppm. The El Series is capable of continuous operation, and with a wide variety of feeding and finishing options, will deliver a huge range of high quality finished print.

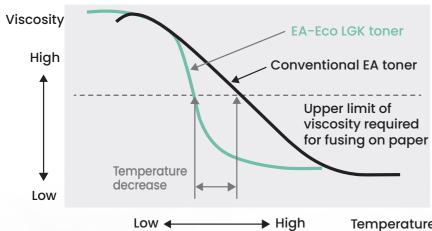




High productvitiy, reliable production

Ultra-high core print speeds of up to 136ppm

High-speed continuous printing of up to 136 ppm*1 has been made possible for both single and double sided jobs. This is because the advanced EA-Eco LGK toner allows fusing at lower temperatures, with a roll type fusing unit providing a consistent heat supply, resulting in the reliable fusing of paper transported at high speeds.



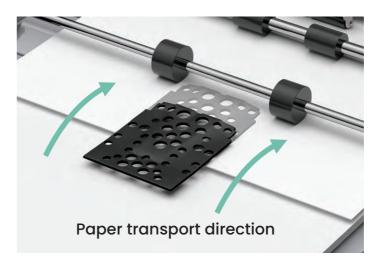
Temperature



Advanced features that minimise paper jams are designed to ensure continuous operation

Stable paper transport

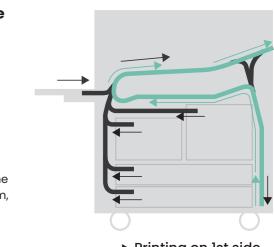
Wide turning angles in the paper path mean that the paper transport is fast and stable. In addition, for 2 sided printing, a vertical paper inversion mechanism reduces curves in the paper path to minimise paper jams. Finally, as the EA-Eco LGK toner fuses at lower temperatures, less impact is caused by the heat generated by the fused paper on the transfer mechanism, minimising paper transport issues.

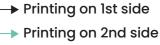


Air suction feeder with enhanced paper handling capabilities

The air suction feeder uses a small amount of air to easily separate and deliver each sheet efficiently. This improves the feed performance of many types of paper, for example paper with a lot of dust, pre-printed paper using powder, paper with an uneven texture, and coated paper that is prone to sticking. In addition, a stable feed is achieved at high speeds for various paper weights, from light to heavyweight, and from small sizes to large.

*2 A4 LEF size, area coverage 6% at continuous printing. Reference of FUJIFILM Business Innovation test criteria







Continuous mass printing

High capacity feeders and stackers make continuous mass printing possible. In addition, cartridge replacement and paper refills can be done while printing is in progress, with a single high capacity toner cartridge yielding approximately 71,500 pages*2.

Superb, high quality print

The heart of the printer uses VCSEL* as a light source. It enables printing at an ultra-high resolution of 2400 × 2400 dpi by producing images simultaneously with 32 laser beams.

EA-Eco LGK toner for high image quality

The EA-Eco LGK toner, with extremely small particle sizes of 6.5 microns, allows the reproduction of smooth, fine gradations in photographs, uniform densities and very fine text to be achieved. It also produces easy-to-read printed text with less glare which is also easy on your eyes.

Advanced transfer unit for consistent transport speed

Designed to prevent fluctuations in paper transport speed, the stable drive speed of the transfer belt has been achieved by increasing the roll diameter, along with the automatic adjustment of contact pressure between transfer belt and drum. These measures ensure consistent transfer speeds of all paper types.

No more multifeed and mixed blank pages

The multifeed detection sensor monitors the paper flow to prevent the feeding of multiple sheets of paper. If a multifeed is detected, printing is interrupted to prevent the insertion of a blank page.

Edge enhancements to improve image quality

Higher image quality has been implemented with 'Edge Enhancement' technology that fixes the jaggedness on the edge of thin lines and text outlines, along with 'Adjust Invert Text/Line Weight' technology that fixes thickened/blurred text.

A wider variety of screening choices

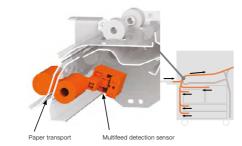
Various screen settings, including an FM screen that suppresses moiré, are now available.

Ultra-high precision registration

Image Registration Control Technology (ReCT) precisely measures the position of sheets running at high speeds, and produces real time corrections to the poor registration of printed images or distortion on each sheet to ensure the highest possible quality.

Maintain print quality with easy adjustments

To maintain print qualty, easy adustments can be made wih the Simple Image Qualty Adjustment (SIQA) process by just printing and scanning the calibration chart. This ensures consistent print quality with properly adjusted print position, perpendicularity, skew and magnification on both the front and back sides.





Fixed thickened text Fixed blurred text



141 Line (AM Screen)







oria El Series

Flexible and versatile

A wide range of paper weights, feeding options and finishing systems ensure the most versatile production.

Media handling capabilities

The El Series can handle a wide range of paper weights from lightweight paper of 52 gsm to heavyweight paper of 350 gsm. The upper limit of heavyweight paper has been extended thanks to the paper path design, and by employing a control mechanism that automatically switches fusing-roll pressure between two levels. Fine control has also been achieved to extend the range of supported coated and speciality papers.

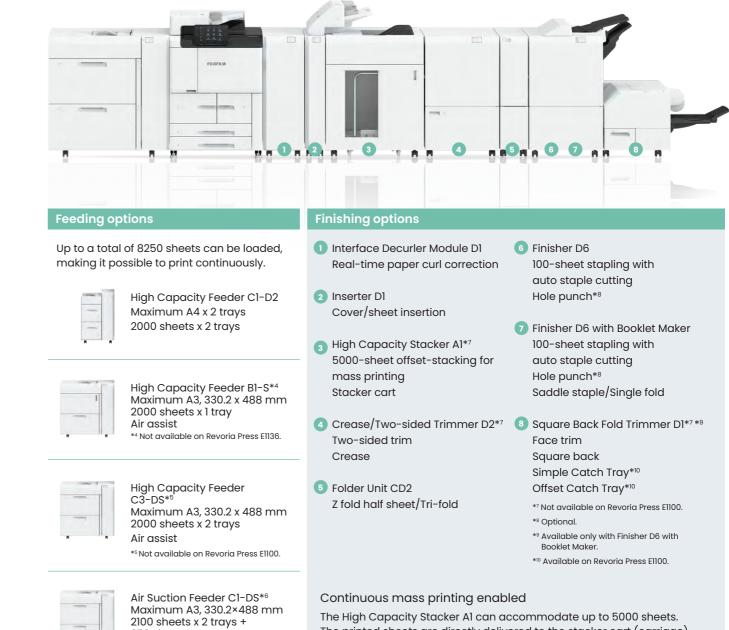
Paper sizes ranging from A6 to 330.2 x 488 mm are available. Full-bleed printing on SRA3 (320 x 450mm) sheets is also possible, to create brochures or leaflets that need to have bleed. In addition, banner printing on long paper up to 660.4 mm is also available. This means new print applications such as powerful panoramic posters are now possible.

Printing with the correct settings for each media type

Up to 100 paper types can be registered with 'Custom Paper Settings'. This allows configuration settings such as alignment, fold position and fusing temperature to be set according to the paper being used, to maximise image quality.

Flexible feeding and finishing options

A wide range of feeding and finishing options make it possible to build flexible printing systems suited to every printing operation. Supported options include cover insertion, three-sided trim, and saddle stapled booklets with square back.



250 sheets Air suction *6 Not available for Revoria Press E1100.

Key specifications							
E1136	E1125	E1110					
136 ppm	125 ppm	110 ppm					
68 ppm	62 ppm	55 ppm					
2400 x 2400 dpi							
52 to 350 gsm							
Revoria Flow PC11							
	E1136 136 ppm	E1136 E1125 136 ppm 125 ppm 68 ppm 62 ppm 2400 x 52 to 3	El136 El125 El110 136 ppm 125 ppm 110 ppm 68 ppm 62 ppm 55 ppm 2400 x 2400 dpi 52 to 350 gsm				





Single staple



4-hole punch



42

Z fold



Single fold

Dual staple



Square back



Saddle staple

Single fold

(multiple sheets)



2-hole punch

Z fold half sheet



Two-sided trim



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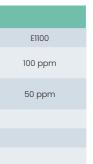
3-hole punch



Tri-fold



The printed sheets are directly delivered to the stacker cart (carriage). It is useful when carrying large volumes of printouts to off-line post-processing devices.





ApeosPro C series light production printers offering exceptional quality

The ApeosPro C Series is an entry level range of four colour printers that offer exceptional quality for businesses with lower production volumes. They are built on a next-generation platform, with all printers in the range able to produce superb, high quality print on a wide range of substrates, and for a wide range of applications.

The range includes three models: a standard model, the ApeosPro C750, a premium model, the ApeosPro C810, and the ApeosPro C650, which will offer an additional, ultra-accessible entry point for business with lower production requirements.

Key features

- · Can be used to produce high quality in-house samples and mock-ups
- · Suitable for use with a wide range of papers, including lightweight, cardstock, and embossed paper

Thanks to their hybrid technology, the ApeosPro C Series printers are equally at home in a corporate office, light-production professional print environment, or in a design agency for the production

6

- Ideal for general office use, in terms of functionality and operability
- Suitable for flyers and brochures to be produced quickly to take advantage of urgent business opportunities

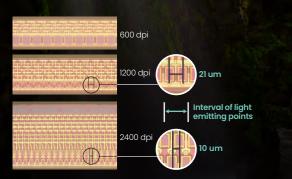


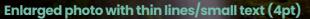
Ultra-high quality output

The world's first* high resolution LED printhead

The ApeosPro C Series benefits from the world's first* high resolution LED printhead, which produces incredible, high definition print:
World's first* LED printhead with 2400 x 2400 dpi resolution
LED printhead produces a very thin LED beam to write the image
The exposure unit does not vibrate because there is no drive mechanism, meaning image reproduction is incredibly stable

LED light-emitting unit









Super EA Eco toner

FUJIFILM

The ApeosPro C Series also benefits from the use of Fujifilm's Super EA Eco toner found in higher end Fujifilm production devices, which produce the smallest toner particles. The combination of the new LED printhead and Super EA Ecotoner produces ultra-smooth gradations, vibrant colours, and the reproduction of images with very fine lines and small text. In addition, the 'Gloss' function brings a beautiful glossy finish to print where required, for example, photos.

1

*Utilising dry-electrophotographic toner, as of March 2021 and according to Fujifilm research.

Simple process to maintain quality levels

It is also possible to maintain high print quality levels with very simple adjustments. The printers incorporate an inbuilt standard Simple Image Quality Adjustment (SIQA) process to easily and quickly adjust the print quality. It works by simply scanning dedicated charts to automatically calculate the appropriate values for adjusting density uniformity, image transfer, and registration for both sides of the sheet. The operation is quick and simple, without the need for the operator to remember fine calibration values. In addition to helping to manage print quality, the machine utilisation rate is also improved.

191 1

A B

High productivity levels with continuous operation

The ApeosPro C Series printers offer excellent durability and high productivity levels with continuous operation possible.

- Achieve print speeds as high as 81 x A4 ppm with the C810, 75 ppm with the C750, and 65 ppm with the C650
- High capacity paper feeder holds up to 7360 sheets*
- It is possible to replace toner cartridges and add paper without stopping the print job in progress, therefore maximising printer uptime and productivity
- Low wear photoconductor drum with long life reduces the frequency of drum replacements

 * Using 80 gsm paper and when the High Capacity Feeder C3-DS is installed.

Fast and efficient operation

The printers are designed so that startup is incredibly fast, and printed output can be achieved very quickly, making it possible to use anytime you want. The smart 'WelcomEyes' feature detects an approaching user, and automatically activates the machine from a power-saving state. In addition, it can recover from sleep mode in 30 seconds, and produces the first copy output in 5.4 seconds (in colour priority mode).

Advanced security features

Information is an important asset which should be protected at all cost. The ApeosPro C Series printers incorporate a range of security features to safeguard important information.

- User authentication and permissions
- Protection against unauthorised access to higher level management functions
- Protection against software misuse
- Encryption of documents stored on the printer, and communication data between printer and PC
- Prevention of issues caused by operator errors



Versatile enough to print a wide range of applications

Suitable for a wide variety of paper sizes and thicknesses

The ApeosPro C Series printers are able to print on a wide range of paper sizes and thicknesses, making them suitable for the production of many different types of print.

- Suitable for paper sizes from postcards to long sheets of paper, up to a maximum size of 330 x 1300 mm
- Supports a wide range of thicknesses from 52 gsm lightweight paper to 350 gsm cardstock paper
- Prints beautifully, even on envelopes and embossed paper with an uneven surface

Stable paper feed, whatever the substrate type

The ApeosPro C Series printers are incredibly versatile, thanks to a number of key features:

- A built-in sensor detects any misalignment of paper traveling at high speeds and automatically corrects it
- By adjusting the force applied to the paper according to the paper thickness, a stable paper feed and high registration accuracy are achieved, even with thicker cardstock
- A built-in decurler flattens any possible paper curl, which helps guarantee the stable feed of paper. In addition, as an option, the printers can monitor any paper curl that is present, and make adjustments in real time to further minimise any potential paper feed inconsistencies

Toughnes

• The optimum output conditions for each paper type, such as the transfer conditions, can be registered and stored (maximum: 100) so that high quality output can be achieved efficiently simply by selecting the correct paper type

Country Country Country

Versatile post-processing with a range of in-line finishing options

From printing to post-processing, the ApeosPro printers are incredibly versatile, making it possible to produce many different types of finished print:

- · Beautifully designed full page photo booklets with full bleed and trim
- High quality booklets with a square back finish for a flat book spine
- · Crease* function to create unique accordion folds for promotional materials
- Insert oversized A3 size paper as covers
- · Supports frequently used office functions punch, side stitch, saddle staple, and single fold

* Up to five creases can be made for mountain and valley folds (folding needs to be performed manually).

Finishing applications









Tri-fold





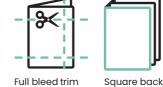


Single fold Z fold half sheet Crease



Face trim





Two-sided trim Note: Full bleed trim is made by two-sided trim and face trim.



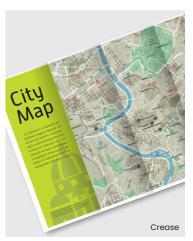


Saddle staple











Feeding and finishing options

52 to 350 gsn 2000 sheets	
× 2-tray	
Air assist	
Multi-feed detection	
1	

Note: Supported paper weight for long paper is 52 to 220 gsm.

*1: Installed directly to the printer, or installed on the top of High Capacity Feeder C3- DS or B1-S.

*2: When installed directly on the printer unit.

*3: When installed on the top of High Capacity Feeder C3- DS or BI-S.

Output Options



1 Interface Decurier Module D1 Real-time curl correction (3 levels upward / Off / 3 levels downward)

2 Inserter D1 Cover / Sheet insertion

3 High Capacity Stacker A1 5000-sheet stacking Stacker cart Long paper stacking*1

4 Crease / Two-sided Trimmer D2 Two-sided trim / Crease

5 Folder Unit CD2

Z fold half sheet / Tri-fold

6 Finisher D6 / Finisher D6 with Booklet Maker

Sort / stack Staple (100 sheets) Punch*1 Saddle staple (30 sheets) / Single fold*2 Long paper stacking*1



Note: Simple catch tray / Offset catch tray / Long catch tray are available if post-processing is not required. *1: Optional. *2: For Finisher D6 with Booklet Maker.

Key specifications

Basic Specifica	tions / Print Function	C810	C750	C650
Туре		Console		
Colour capability	y	Full colour		
Printing resolution	on	2400×2400 dpi		
Continuous print speed "		A4: 81 ppm A3: 42 ppm	A4: 75 ppm A3: 37 ppm	A4: 65 ppm A3: 34 ppm
	Tray 1, 2		tandard size: max A3, 11 x 17"; min A size: max 330 x 488 mm, min 100 x	
Paper size*2	Tray 3, 4	Standard size: max A4, letter, min JIS B5		
	Bypass tray (Tray 5) *3	Standard size: max A3, 11 x 17"; min A6 Custom size: max 330 x 1300 mm°4, min 100 x 148 mm		
Daman und in hat's	Tray 1 to 4	52 to 300 gsm		
Paper weight ^{·5} Bypass tray (Tray 5) ^{·3}		52 to 350 gsm* ⁶		
	Standard	520 sheets x 2-tray + 840 sheets + 1230 sheets + Bypass tray 250 sheets		
Paper tray capacity*7	Optional	Multi-sheet inserter for banner print: 250 sheets High capacity feeder BI-S: 2000 sheets x 1-tray High capacity feeder C3-DS: 2000 sheets x 2-tray		
	Μαχ	7360 sheets [Standard + high capacity feeder C3-DS]		
Output tray cape	acity ^{*7*8}	500 sheets		
Power supply		AC220-240 V +/- 10 %, 10 A, 50/60 Hz common		
Maximum power consumption		2.4 kW Sleep mode: 0.5 W, low power mode: 150 W, ready mode: 193 W		
Dimensions*9		W 780 x D 793 x H 1154 mm		
Weight*9		246 kg		

*1: When continuously printing a single document on 52 to 128 gsm, uncoated paper. Print speed may be reduced depending on conditions such as output data, use of auto image quality adjustment, is performed, use of mixed paper sizes / types, switching the feeding tray and use of long paper output.

*2: Image loss width: Lead edge 4.0 mm, Trail edge 4.0 mm, Front 3.0 mm, Rear 3.0 mm.

*3: The optional multi sheet inserter for banner print is available for smooth and stable feeding of long paper.

Automatic duplex printing support up to 330 x 762 mm.

*5: It is recommended to use our recommended paper. Correct print output may not be possible depending on the requirement. *6: For banner printing, uncoated paper: 52 to 220 gsm, coated paper: 106 to 220 gsm.

*7: 80 gsm paper.

*8: When the catch tray is installed.

*9: When bypass tray closed. The output option is not connected.

*4: When a standard bypass tray or optional multi sheet inserter for banner print is connected directly to main unit (including when high capacity feeder b) is connected).

Imprinting solutions

Fujifilm's imprinting solutions allow digital inkjet printing to be integrated directly onto existing analogue production lines for a broad range of printing and industrial applications.

Industry-leading technologies

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Fujifilm is unique in that it is a company that has developed its own industry leading core inkjet technologies, and added the ability to integrate these technologies into existing processes. This means that Fujifilm's printhead designers, ink technologists and integration specialists work together to ensure optimum system performance and reliability for the required application, and once built, are able to take ownership of the complete solution.

Fujifilm can therefore provide all components necessary to successfully integrate a digital solution into an existing production line:

- Printhead and printbar design
- Inks & substrates
- Electronics and software
- Print systems

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• Transport systems (web and sheet)

5

What also sets Fujifilm apart are the industry leading printheads and ink at the heart of the company's imprinting solutions. Samba printheads are found in many of the industry's leading digital printing systems, as they combine the very highest quality, productivity and reliability, with the flexibility to be used with a variety of different inks and fluids. Fujifilm has now built these printheads into a number of scalable printbar configurations which, when combined with UV or aqueous ink technologies, result in best-in-class imprinting solutions.

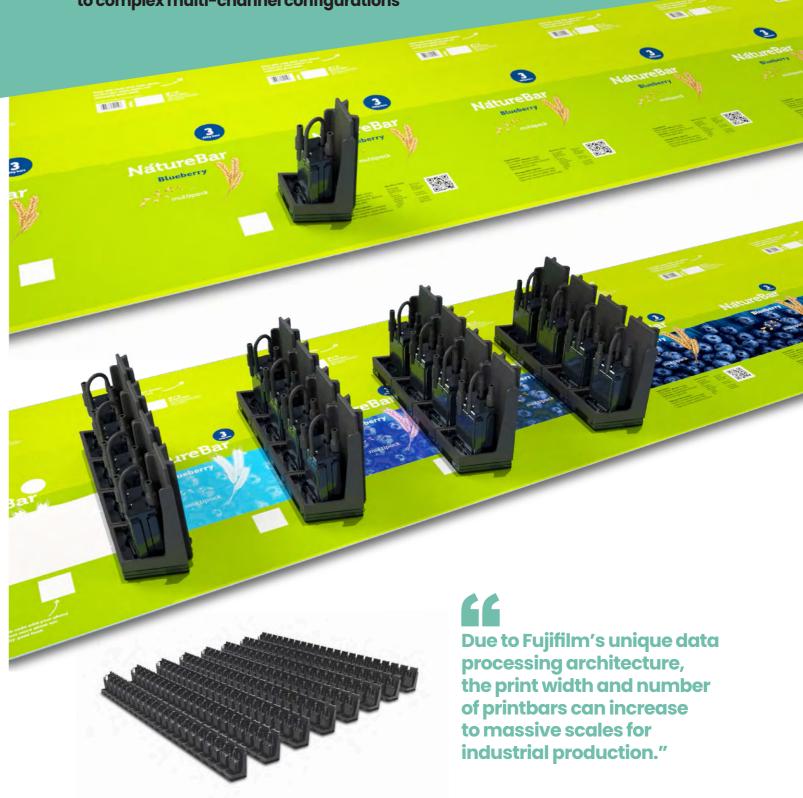
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Scalable architecture design

Easily scalable

From a single printhead configuration to complex multi-channel configurations





Samba printhead. Not visible to the naked eye, 2048 nozzles are contained in the silver-coloured silicon chip which measures just 44 mm wide by 18 mm deep.

Fujifilm's Samba technology platform is based on a scalable architecture design, so the print width can be configured to meet the needs of a particular application.

Due to the trapezoidal design of Samba printheads, scaling the printbar width is achieved with no compromise to quality, and results in a very efficient system design. In addition, the scalable system architecture means integrated components, electronic systems and software can all be scaled to create a system for the print width and colour channels required.

From single printhead to complex multi-channel configuration

Printbar configurations can be scaled from a single printhead, single colour system for coding, language changes or simple promotional versioning, to a printbar system with multiple printheads for the printing of full colour images over wider print areas.

Wide ranging Samba printbar portfolio for any print width in 40 mm increments

- Monochrome, spot colour, process colours
- Imprinting lanes or full digital print
- Digitise existing analogue assets

Enhanced by inkjet

LOW 4,0g 2%

fruit good it

BANANA PURE DRIED FRUIT CHIPS

Opportunities for inkjet to complement existing production processes

The Fujifilm imprinting range comprises a number of different scalable printbar solutions and formats, combined with a variety of different ink types. This means that there are opportunities for Fujifilm's imprinting solutions to be integrated onto many different types of production equipment, whatever the format.

Applications

The wide variety of Fujifilm imprinting solutions makes it possible for many different applications to be enhanced by digital inkjet, from direct mail and transactional applications in commercial printing, to label, packaging and industrial production processes.

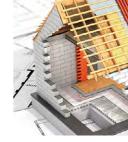




1. Direct mail

2. Commercial





4. Packaging

5. Industrial

Scalable solutions





1. Package converting in a web process

2. Package converting in a sheet process

NET WEIGHT 4.20Z 120G



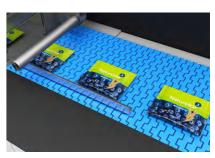


3. Direct to food





6. Transactional



3. Late stage packaging

Mini 4300 Series: versatile printbar system

The Mini 4300 has speed, performance and consistency in a compact form. This enables the incorporation of digital printing into an ever-expanding number of new applications and challenging conditions for equipment integration.



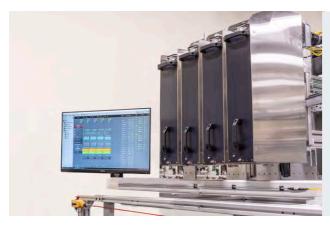
Key features

- Single pass inkjet imprinting system
- Each printbar contains a single 1.6" width printhead (40 mm)
- Up to 4 printbars per system
- 1200 dpi native resolution
- Speeds up to 1000 feet per minute
- Monochrome, spot colour or 4 colour

Aqueous & UV

12K Printbar: compact printbar system

The 12K Printbar System puts 4 colour inkjet printing technology into an all-new condensed form. It supports use where space is limited, such as integrating into existing production equipment.

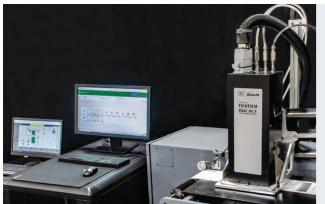


Key features

- Add 4-colour variable print to existing equipment
- Compact for ease of integration
- Does not require printbar refurbishment
- Fast startup
- 1200 dpi or speeds of up to 300 m per minute
- Each printbar is small enough to be removed by hand for servicing or storage

X-BAR: drop-in imprinting solution

The X-BAR brings digital, variable data printing such as barcodes, text elements, logos and more, to conventional analogue presses.



Key features

- Lane printing with 4.5" and 9" print width offerings
- Controller capable of running X-BAR and some existing legacy printers
- Workflow based on IJPDS page description language
- Familiar user interface to support transition from legacy technology
- Modular fluid management for future expansion
- No refurbishment needed

42K Printbar: scalable printbar system

The 42K Printbar System is designed to add variable data printing to your conventional press in any print width needed, and is able to span the media from edge to edge.



TransJet R Series: reel-to-reel transport systems

The TransJet R reel-to-reel high speed transport system is a precise and application independent solution for digital printing. It enables easy integration of upstream or downstream processes such as unwinders, rewinders, or cutting lines over existing controllers.



TransJet STS Series: sheet-to-sheet transport systems

The TransJet STS sheet-to-sheet high speed transport system is designed for digital printing, sheet separation, inspection, sorting and stacking. It accommodates easy integration of process-related functionalities such as inkjet system, camera supervision, laser microperforation, and other aggregates on demand.



Key features

- Modular design to meet typical press widths
- Pre aligned to eliminate stitching
- Options for monochrome, spot and process colour printing
- Configurable software with Fujifilm supplied workflow or connect to an existing customer workflow
- Imprint or full digital print capability
- No refurbishment needed

Key features

- Application independent precision transport system
- Computer controlled servo motors can be operated by touch pad
- Easy integration of upstream or downstream systems
- TransJet transport system can be operated with a single, consolidated user interface
- Individual adjustable web tension enables processing of thin and thick substrates (up to 300g/m²)

Key features

- The TransJet STS transport system consists primarily of the following modules, and is an interface to standard finishing systems:
- Flat pile feeder
- Round table feeder
- Vacuum-belt-table
- Reject gate
- Delivery conveyor or stacker

Commercial range guide

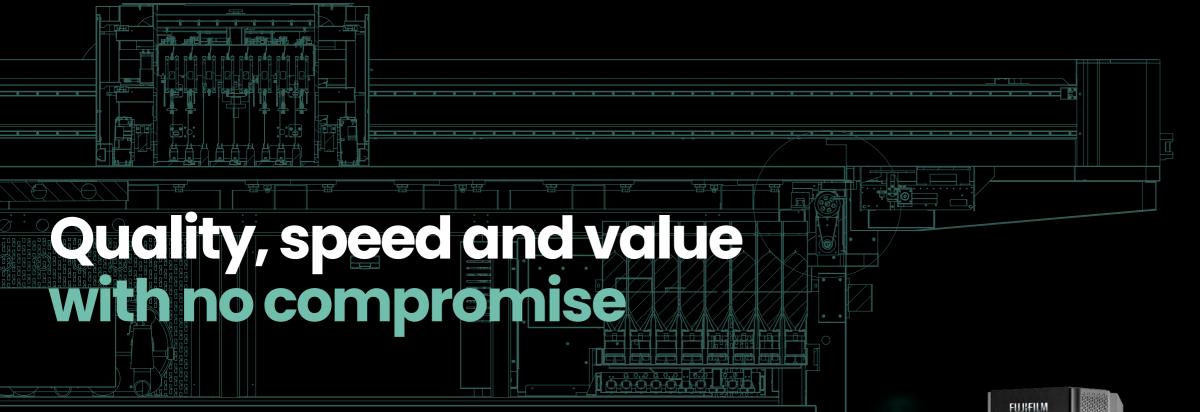
Section Two

Wide format solutions



Acuity Prime

The most economical and versatile Acuity flatbed ever.



A true flatbed with an award-winning design, the Acuity Prime offers high quality printing on a range of rigid and flexible media, supported by dedicated vacuum zones and jettable primer. It is available at a cost effective price point and offers an excellent return on investment.

The Acuity flatbed platform has been the industry benchmark since 2007 with thousands of machines installed worldwide. The Acuity Prime features the very latest LED UV technologies to deliver unbeatable performance, along with the quality and reliability you would expect from Fujifilm. The Acuity Prime produces the best-in-class quality at the highest productivity on a wide range of rigid and flexible media.



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Why Acuity Prime?



Lower ink use and excellent cost of ownership ensure unbeatable ROI

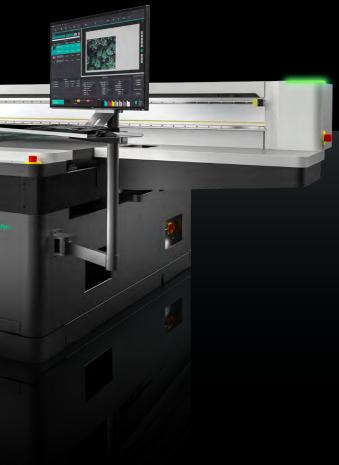


Produce the best flatbed quality at the highest production speeds



Acuity

Operators benefit from an award-winning design that improves usability





Key features

- High resolution greyscale printheads
- Standard (2.54 m x 1.27 m)
- Up to 150 m²/hr throughput
- Registration pins
- 5 dedicated vacuum zones to minimise masking
- Powerful instant curing LED UV system



I don't believe there is any better way we could have spent this amount of money in terms of the overall quality, print capability and production capacity we've just added to our business than with the Acuity Prime."

FUJKFILM

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Sam Cherry **Ebbsfleet Printing Solutions**



Commercial range guide

Expand your creative options

The option to print with white and clear inks, and to print directly to almost any material in perfect registration, enables the Acuity Prime to produce high value, creative work that could offer opportunities for new revenue. With the jettable primer option, the Acuity Prime can adhere to a wide variety of industrial media.

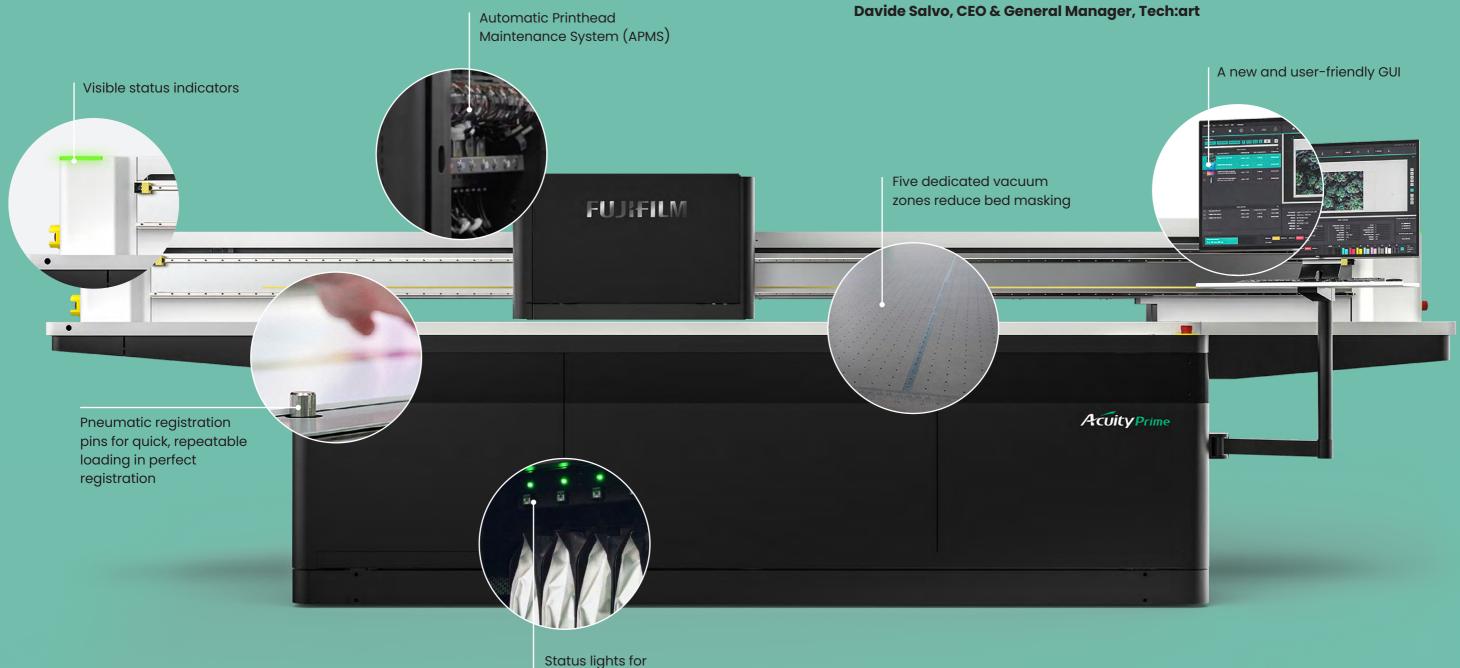
With outstanding image quality and excellent adhesion to a broad range of rigid and flexible media, materials and objects, the Acuity Prime can produce an amazing variety of printed products for distance and close viewing at ultrahigh speeds. The vacuum table can handle almost any sheet material. It secures rigid and flexible media and holds it perfectly flat for high quality print across every sheet.

- Fujifilm Uvijet LED UV curing inks
- Standard 4 colour plus white and clear, with optional jettable primer
- Automatic Printhead Maintenance System (APMS)

Acuity Prime at a glance

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The productivity of the Acuity Prime is far beyond what we had expected and exceeds any other machine we have seen before in a similar price bracket."



the ink tanks

Technical specifications

Acuity Prime		Acuity Prime 20	Acuity Prime 30		
Rigid media Max size Max thickness		2.5 x 1.27 m	2.5 x 1.27 m		
		51 mm	51 mm		
	Max print area	2.5 x 1.27 m	2.5 x 1.27 m		
Max weight		45 kg/m²	45 kg/m²		
Ink		Fujifilm Uvijet HM LED UV ink curable inks	Fujifilm Uvijet HM LED UV ink curable inks		
Configuration		4 channel - CMYK 5 channel - CMYK + W, CMYK + CL (or CMYK + P) 6 channel - CMYK + CI + W (or CMYK + P + CI)	4 channel - CMYK 5 channel - CMYK + W, CMYK + CL (or CMYK + P) 6 channel - CMYK + CI + W (or CMYK + P + CI) 7 channel - CMYK + W + P + CI		
Curing system		Long lasting, low energy LED curing system	Long lasting, low energy LED curing system		
Printheads		Ricoh Gen 5 greyscale, variable drop 7 - 21 pl	Ricoh Gen 5 greyscale, variable drop 7 - 21 pl		
Printing resolution		Maximum 726 x 1,200 dpi (Fine Art)	Maximum 726 x 1,200 dpi (Fine Art)		
Operating environment		16-30 °C, 30-70% RH non condensing	16-30 °C, 30-70% RH non condensing		
Power requirements		220-240 VAC, single phase 50Hz/60Hz	220-240 VAC, single phase 50Hz/60Hz		
Dimensions (W x L x H) Printer		2.1 x 4.9 x 1.5 m	2.1 x 4.9 x 1.5 m		
Weight	Printer	1600 kg	1600 kg		

Print modes and speeds

Model	Acuity Prime 20			Acuity Prime 30			Acuity Prime L		
Smoothing modes	33	66	100	33	66	100	33	66	100
Sketch	130	93	90	150	N/A	126	204	152	147
Draft	69	55	46	99	81	65	107	89	73
Express	46	40	31	65	56	44	76	63	49
Production	35	31	23	47	43	33	55	54	36
Quality	23	21	15	33	30	22	36	35	24
Fine Art	17	16	11	25	23	16	27	26	18
*speeds in m²/hr									

Acuity Prime L

The Acuity Prime L is a large size LED UV flatbed benefiting from all of the features of the standard Acuity Prime. It is very easy to operate, and produces high quality results at high speeds.

The Acuity Prime L provides a larger size table for printers that need to combine high productivity and high quality printing on larger sheet sizes. It features 6 vacuum zones and 16 media location pins, as well as the ability to print side by side jobs with its dual zone function.

Technical specifications

Acuity Prime L					
Max print area	3200 mm (W) x 2000 mm (D)				
Max media thickness	51 mm				
Max load	45 kg/m²				
Vacuum zone	6 zones				
Media register pins	16 pins				
	Horizontal Front 6 pins, Horizontal Black 6 pins, Vertical 4 pins				
Drop size	GEN5: 7 to 21 picolitres (3 levels)				
Ink configuration	CMYK + Pr + W + Cl				
Layer modes	5 Layers (CMYK PrWCI)				
Pouch sizes	CMYK (2L), PrWCI (1L)				
Ink	Uvijet HM				
Connection	USB 3.0				
Power supply	30A				
Air supply	Pressure 0.4 MPa, 58 PSI Capacity 40/min, 1.4 CFM				
Environment	Temperature: 16°C Relative humidity: 30 to 70%				
Printer size	5600 mm (L) x 2830 mm (W: 3430 mm with PC stand) x 1500 mm (H)				
Weight	2400 kg				



Section Three

Colour management & workflow



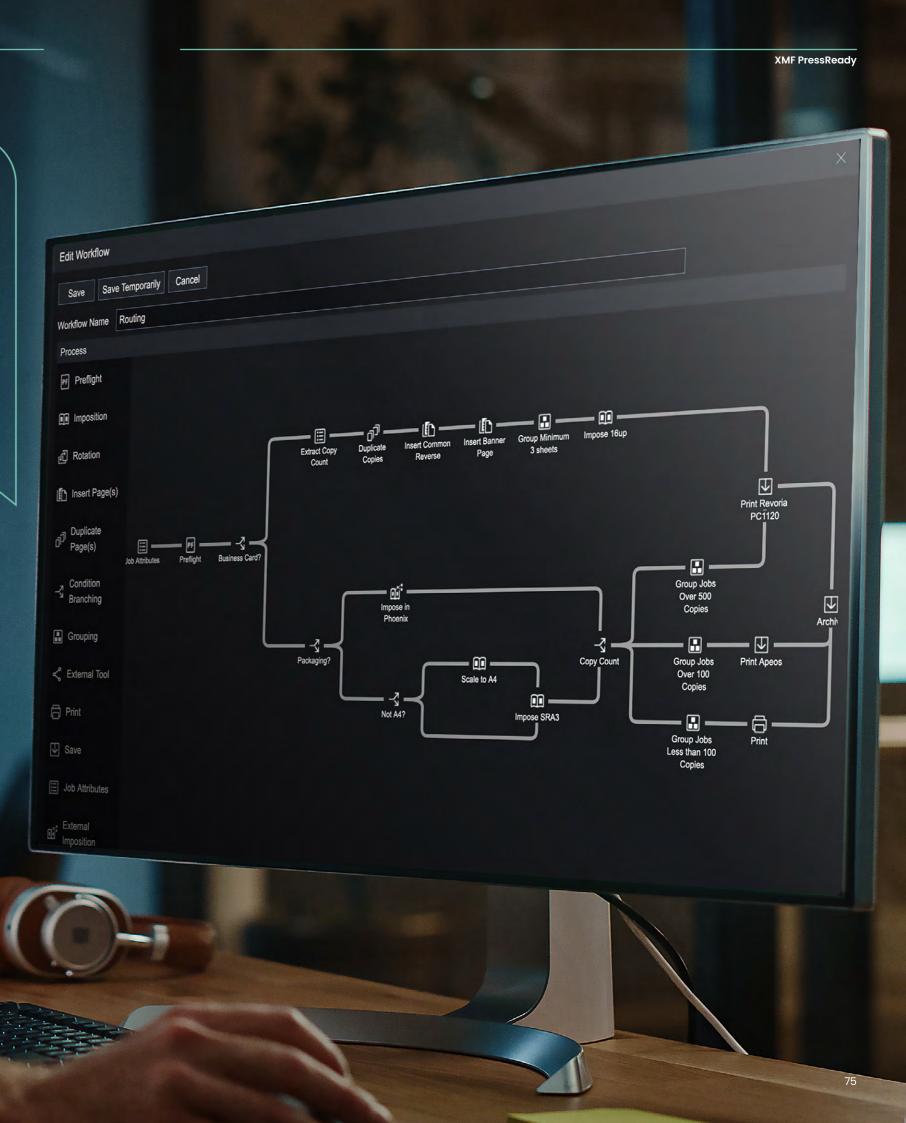
XMF Press Ready

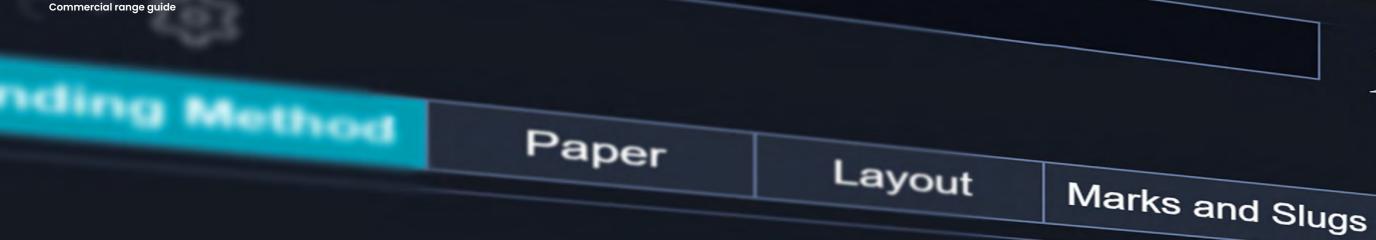
Advanced digital workflow

Fujifilm's XMF PressReady is a revolutionary digital print production workflow system to receive, pre-flight, impose, gang, sort and deliver "Press Ready" jobs to digital presses using automated production flows. It allows print service providers to automate ordinary and repetitive tasks, allowing press operators to focus on more important aspects of the production process.

Conditional automation

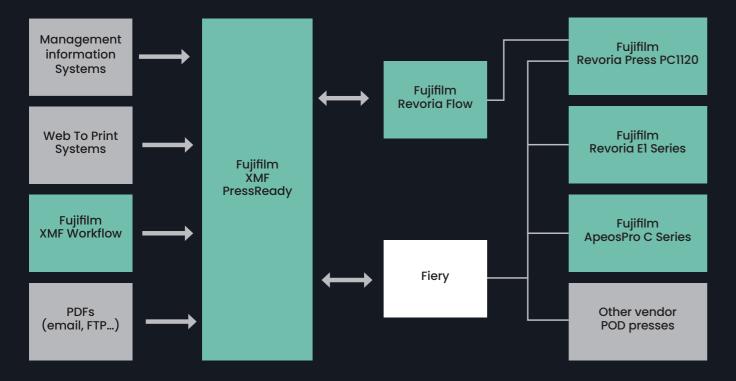
Able to integrate seamlessly into a range of established workflow environments, XMF PressReady offers multiple workflows that can be configured to make production decisions based on size, quantity, media, and page count. XMF PressReady eliminates the need for manual intervention, saving valuable time and reducing the possibility of operator error.





XMF PressReady is unique in integrating not only with Revoria digital presses, but any connected digital press using a Fiery DFE

XMF PressReady connectivity



Hybrid digital & offset print production

XMF PressReady is integrated with Fujifilm's established and respected XMF Workflow system, allowing print businesses to manage both offset and digital production via one integrated workflow, making it an ideal solution for those who offer hybrid printing services. When used in combination with Fujifilm's Revoria Press PC1120 and Revoria Flow DFE, XMF PressReady, can completely automate the flow of print work from order intake to printed product by preconfiguring and automating the flow of work through the Revoria Flow DFE.

Print management across all vendor presses

XMF PressReady is unique in integrating not only with Revoria digital presses, but any connected digital press using a Fiery DFE. This allows print service providers to manage digital presses from multiple vendors using one system, giving visibility of the print job status, the print job queue, media information, ink levels and much more.

Streamline production

Fujifilm's XMF PressReady brings a new level of efficiency to digital print production, providing print service providers with a powerful, flexible, and efficient workflow system that can automate processes, streamline production, and save valuable time by minimising errors.



Margin

Key features

- Job input from multiple sources (JDF via MIS, W2P, XMF)
- Workflow front end to Revoria Flow and Fiery DFEs
- Deep integration with Revoria Flow and Fiery DFEs
- Automated flow from XMF Workflow to a digital press
- Print automation via "conditional branchina"
- Job grouping and imposition to create print-ready layouts
- Addresses the needs of hybrid offset & digital and digital only printers
- Offers a step towards a "smart factory" concept
- Supports other vendor POD presses via the Fiery DFE
- Built by a company with over 20 years of experience in developing digital print workflows

XMF Workflow

Advanced, high performance workflow solution to maximise production efficiencies

Built to optimise offset print production

XMF Workflow is a fully integrated print production workflow system designed to manage all aspects of production, from job submission through to printing. Applications such as job submission, pre-flighting, proofing, colour management, imposition, in-rip trapping, ink saving and the output of plates are all managed from within the core XMF Workflow. As part of our PLATESENSE programme, therefore, the introduction of XMF Workflow to your business can have a huge impact on optimising production efficiencies and maximising profitability.

Automate production

XMF provides extensive workflow automation. This is not just limited to automating the flow of work throughout the workflow itself, but also extends to full automation from various MIS systems. Job information from an MIS system can be used automatically by XMF to determine how a job is imposed and output without the need for any manual intervention. If you are looking to maximise automation, XMF is the perfect solution.

Minimise supplied file errors

Within the XMF Workflow system, a module called XMF Remote provides an online portal where work can be effortlessly supplied into the workflow either from a customer service team or directly from print buyers. The advantage of this process is that jobs supplied this way are pre-flighted as they are submitted online. This means they are checked at the very beginning of the production flow, ensuring that once jobs are submitted and approved to be released to the main workflow, any file errors have already been fixed minimising any delays within the production schedule.



XMFWorkflow

Reduce job preparation times

Easily organising and managing PDF pages within a workflow system is critical in preparing work to be printed. XMF provides a clear 'one screen' workflow where PDF files are imported, organised in sections and are applied to position layouts quickly and easily. Job preparation time is kept to an absolute minimum.

Key features

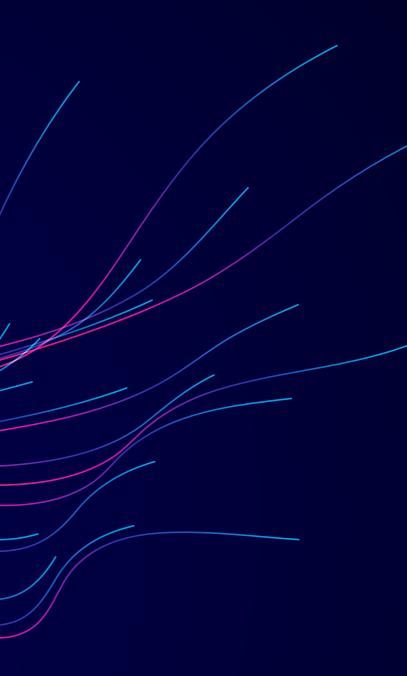
- Based on the Adobe Mercury Architecture for APPE (Adobe PDF Print Engine)
- Powerful and flexible imposition module for offset sheet and web printing
- Integrated preflighting, screening and colour management
- 3D proofing
- Connectivity to print MIS systems
- Support for PDF/VT variable data printing

Speed up complex impositions

Building imposition layouts for non-standard jobs, especially for jobs that are printed across different presses of different sizes can be complex. This is handled easily within XMF via the XMF Imposition module. Using what we refer to as 'XMF Pagination Mode' allows complex impositions to be constructed quickly and easily, a move away from the complexity of settings required in traditional imposition applications.

Handle late changes quickly and easily

Even though full automation is possible with XMF. offset print production is renowned for changes being made to print jobs once they are in production. Switching a job to a different press or inserting pages containing last minute corrections can be handled with ease. XMF has been designed to deliver production automation but can equally provide the flexibility when production scheduling does not go to plan.



Process jobs at maximum speeds, whatever the size

What assists XMF Workflow in meeting tight production deadlines is the underlying Adobe Mercury Architecture for the APPE (Adobe PDF Print Engine). This is an advanced implementation of APPE that allows XMF to run as many instances of the APPE as a job requires, spawning extra APPEs automatically as and when the production load increases. This ensures XMF always automatically makes use of all the processing power available within the PC server hardware.

XMF ColorPath

Cloud-based colour management for offset and digital printing

Fujifilm's cloud-based total colour management system allows printers to create colour profiles and calibrations to print to various standards, and provides tools to ensure that over time the standards are continually adhered to.

Manage and monitor colour performance

The ability to provide colour managed output is also managed within XMF. However, the key to good colour management is the creation of accurate ICC colour profiles, the ability to easily print to ISO standards, and above all to have a system that makes it easy to check and verify that standards are continuously being met. All of this and more is achieved with XMF ColorPath, Fujifilm's cloud based colour management solution. XMF Workflow is integrated with XMF ColorPath allowing ICC profiles created in the cloud to be deployed and used for everyday production within XMF Workflow.

Rest assured you are in safe hands

XMF Workflow is a proven workflow system for offset print production. Thousands of customers all over the word rely on XMF Workflow to manage their production needs every day.

Key features

- Cloud based colour management
- Align offset and digital presses to ISO or G7 standards
- Optimise ink usage while maintaining conformance to ISO and G7 standards
- Create colour profiles to allow for FOGRA standard proofing
- Verify if digital proofs are within the tolerance limits of industry standards



XMF ColorPath Brand Color Optimizer

Accurate management of vibrant spot colours across multiple printing platforms

XMF ColorPath BCO cloud based colour management suite allows the printing of brand colours with unbeatable accuracy on a range of digital and offset print devices.

Ensure spot colours are reproduced as accurately as possible

Taking advantage of very wide colour gamuts already offered by devices such as the Jet Press 750S High Speed Model, XMF Brand Color Optimizer fine tunes the ability to print spot colours and ensures that every spot colour is reproduced as accurately as possible. Brand Color Optimizer can be used to optimise any colour library, including Pantone, HKS and Toyo, to name a few.

Ultra-fast calibration process and easy to use

The process of calibration is ultra-fast, with it being possible to calibrate the entire Pantone colour library of 1,872 colours in less than an hour. Brand Color Optimizer measures and optimises every single colour within the library. In addition, because spot colours are managed separately to regular CMYK colours, maintaining ISO printing of CMYK and also having Pantone spot colours in the same job is easy to manage.

Expands colour printing possibilities on the Jet Press

This now expands the types of colour printing possible on the Jet Press 750S, with the following all achievable: ISO 12647-2 printing; ISO 12647-2 and spot colour printing; wide gamut printing.

Reduce expense of operating additional ink colours

The wide colour gamut achievable on CMYK digital presses such as the Jet Press 750S allows 90% of the Pantone library to be accurately printed to a Delta E of less than 3, reducing the cost and complexity of having to use additional inks.

Find out which Pantone colours can be printed before printing

Unique to XMF ColorPath Brand Color Optimizer is the ability it provides for users to see, before printing, which press, ink and substrate combination allows the Pantone colours to be accurately printed.

XMF ColorPath Brand Color Optimizer

Key features

- Ensure spot colours are produced
 as accurately as possible
- Ultra-fast calibration and easy to use
- Allows the following printing possibilities:
- ISO 12647-2 printing
- ISO 12647-2 + spot colour printing
- Wide Gamut Printing
- Achieve up to 90% of the Pantone library on Fujifilm Jet Press presses
- Establish which spot colours can be printed

Commercial range guide

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Section Four

Offset solutions



Platesense

Manage your plate production more efficiently, and ultimately reduce costs

Our PLATESENSE programme comprises a number of initiatives to help you manage your plate production more efficiently, and ultimately reduce costs. At its heart, it is a programme to minimise the burden of plate production in whatever way possible, so that the costs and time involved in producing plates can be minimised and resources focussed elsewhere.

But while the focus is to minimise costs and time, there are also opportunities to improve many areas of plate production and maximise efficiencies by upgrading to a new CTP device, introducing a higher performance plate, or even changing a workflow to streamline production. All these options are possible through a choice of simple, easy to understand financing solutions.

PLATESENSE plate production

The main idea behind the PLATESENSE programme is for Fujifilm to take responsibility for managing a number of core elements of plate production. Fujifilm supplies the plates when you need them, but importantly, in this part of the programme, Fujifilm also takes care of your waste and aluminium collection, and services and maintains your processor.

In terms of financing, you can either pay for all parts of the programme through one simple plate price, or finance the CTP equipment through the rental or swap-out programmes, leaving the rest to be financed through the plate contract. Either way, Fujifilm takes care of the rest, meaning your operational costs go down, and the hassle of managing your pre-press department goes away.



"

The transition was seamless and cost us nothing, as the installation and maintenance of the equipment are also covered by the fee."

Chris Stainton, Co-owner, Typecast

Superia ZX

Processless plate for general applications

Processless plate production represents the simplest way to make plates. Once the plate has been imaged in a platesetter, it is mounted directly on the press where the removal of the plate coating has been cleverly integrated into the start-up of the press. There is complete elimination of the processor, associated chemistry, energy required to power the processor, water and waste from plate production.

Key features

- Improved latent image visibility
- Strong scratch resistance for improved handling
- Exceptional durability
- Superb on-press performance
- Suitable for use with UV inks
- 1% 99% @ 200 line
- Up to 200,000 impressions
- Eliminates processor, chemistry, gum and water in conventional plate production

Fujifilm's Superia ZX processless plate has fast on press development, higher durability, robust scratch-resistance and better visibility. This plate benefits from a number of new and innovative technologies to make processless plate production as mainstream as possible.

High colour generation technology

This technology has been used to improve the latent image visibility, and incorporates a new dye that does not inhibit the hardening of the photosensitive layer or discolour the ink. Also, the visibility does not disappear even if the plate is left out for a few days.

Print control layer technology

Using this technology, on press development speeds are optimised at an ultra-high level. This newly developed functional layer enables the fount water to penetrate into the photosensitive layer very quickly. It also protects the photosensitive layer from peeling off during dampening for rapid development, which prevents any pollution of the roller and water tank.

T d t E P o tr s

Technical specifications

Superia ZX	
Run length	up to 200,000 impressions
Run length" (UV ink)	up to 100,000 impressions
Resolution"	1%-99% @ 200 lpi
	20 micron FM supported
	300 line Co-Res supported
Energy'''	100-150 mJ/cm² (Recommend
Spectral sensitivity	IR LD 830 nm (800-840 nm)
Safe light	White light @ 800 Lux - 1hr
Latent image	One week
Plate storage	<25°C (77°F)

* Run lengths are always dependent on laser power and press conditions ** Depends on setter type

*** Dependant on platesetter

**** Time from imaging to press

Processless gumming technology

This technology minimises potential scratches on the non-image area caused by handling before development of the plate, which prevents ink stains. The undercoat layer flows to the scratched part during dampening, preventing ink from adhering to the scratched part.

Extreme adhesive bonding technology

Excellent print durability is achieved using a new photopolymer that promotes better solidification of the photosensitive layer, and the new surface treatment improves the adhesion between the support and the photosensitive layer. During the printing of longer run jobs, small halftone dots remain stable, suppressing dot fluctuations.

ded 110 mJ/cm²)

Superia LH-PLE

Low chemistry plate for long run applications

A high-definition, positive-working thermal CTP plate for long-run commercial print applications. Superia LH-PLE can be used with UV inks, either unbaked or baked, and features enhanced scratch resistance.

Key features

- Run length: up to 300,000 (unbaked), 400,000 (baked), 150,000 UV ink (unbaked)
- Resolution: 300 lpi (1 99%)
- Much lower chemistry consumption when used with Fujifilm FLH-Z or FLC-TZ processors
- New, strong alloy for enhanced scratch resistance
- Suitable for use with UV inks, with or without baking
- Suitable for high-quality 20 µm FM screening applications
- Enhanced Productivity Layer (EDL) for wider developing latitude and cleaner working
- Long bath life with ZAC processing (20,000 m²)

Lower chemistry consumption and maintenance

Superia LH-PLE, when used with Fujifilm FLH-Z or FLC-TZ processors, can benefit from much lower chemistry consumption. Typically, a full bath of developer can develop up to 20,000 m² of plates resulting in substantial savings in developer consumption and reductions in cleaning down time.

Cleaner working environment

The chemistry used for processing Superia LH-PLE plates in a 'ZAC' system is a non-silicate based recipe which results in less developer sludge and fewer filter blockages. In addition, the Enhanced Development Layer (EDL) improves the solubility of the non-image areas during development, further aiding bath life, giving wider developing latitude and resulting in much cleaner working.

Technical specifications

Superia LH-PLE	
Print application	Long-running, sheet-fed
Laser type	Thermal LD 840 nm (800
Sensitivity	100 - 120 mJ/cm ²
Resolution	300 lpi (1-99%)
FM screen compatible	Yes - 20µm FM
Gauges	0.15, 0.2, 0.3 and 0.4 mm
Safelight	White: 1 hour; UV-cut: 2 h
Shelf-life	2 years
Contrast	Excellent
Developer/replenisher	DT-2WE / DT2RE (FCT-E12
Bath Life	Up to 6 months or 20,000
Gum	FG-8CWE
Run length* unbaked	Up to 300,000
Run length* baked	Up to 400,000
Run length* UV ink unbaked	Up to 150,000
Run length* UV ink baked	Up to 200,000

*Run lengths are alwyas dependent on laser power and press conditions

More stable plate production

Because of the way 'ZAC' processors intelligently control replenisher delivery, plate production is more stable, making it much easier to achieve high quality, irrespective of changes to environmental conditions. This is particularly important for demanding FM screening applications.

Enhanced scratch resistance and suitable for extended run lengths

Superia LH-PLE incorporates a new strong alloy base to resist cracking and splitting, reducing and eliminating the need for costly remakes and press down time. It can also be used for extended long runs without the need for baking, but can be post baked if higher run lengths are necessary, providing complete flexibility to meet every requirement.

Suitable for extended run lengths

Superia LH-PLE has excellent long run length ability without the need for plate baking but can be post baked if higher run lengths are necessary, providing complete flexibility to meet every requirement.

and web
m - 850 nm)
ours; yellow: 12 hours
/ FCT-E13)
) m ²

Luxe T-X/T-S **CTP Series**

New generation of high quality, easy to operate thermal platesetters

The Luxel T-X and T-S next generation Luxel thermal platesetters use advanced multi-channel spatial light modulator technology to achieve outstanding quality, exposure stability, and high productivity. They are compact and easy to use, and include a range of advanced features. Five models in the range ensure suitability for diverse requirements, with manual loading, single cassette and multi-cassette options available.

1

Luxel

Multiple channel spatial light modulator technology

The Luxel T-X4/X5 platesetters make use of a unique multi-channel laser carriage that uses spatial light modulator technology to split the laser beam into multiple channels for drawing sharp-edged square dots on the plate. This facilitates easier control of the energy in each channel to produce consistent and stable dots, and the lower power consumption also provides environmental benefits and cost savings.

Technical specifications

		High speed model		Standard model					
Name		Luxel T-X5	Luxel T-X4	Luxel T-S3	Luxel T-S2	Luxel T-S1			
Exposing method			External drum						
max		1163mm × 940mm							
Plate size	min	400mm x 300mm							
Plate thicknes	max	0.3mm							
i lute theknet	min	0.15mm							
Exposing size	max	1163mm × 924mm* ³							
	min	400mm × 284mm							
Type of laser h		Ŭ	lve Head		Fibre Laser Diode Head	22			
Number of las	er channels	≥220	≥200	64	48	32			
Plate type				Thermal alur	ninium plate				
Resolution				2400 or 254	0dpi (fixed)				
Exposure				Spiral ex	rposure				
Accuracy star	ndard	Plate Edge Detection							
		55pph*1	45pph*1	31pph*1	25pph*1	18pph*1			
Output speed				1030mm × 800mm, plat	te sensitivity 110mJ/cm²				
Interface				Optical fil	per cable				
Dista la sulis s				Manual la	oader (P)				
Plate loading (mandatory s	election*2)	Single cassette (SCL)							
		Multiple cassette (MCL, 4 cassette)							
Connection of	•	Output conveyor (included)							
Punching syst	tem	Option: internal punch three sets of plate holes							
Workflow		Supplied with 1 BIT TIFF Interface CE, NRTL, EMC, FDA							
Safety regulation									
Environment		Operating temperature range: 15 - 30°C, Recommended temperature: 21 - 25°C, Humidity : 40 - 70%							
Device size		CTP manual loader (P): 1900mm x 2510mm x 1356mm (L x W x H) CTP with standard single cassette unit (SCL): 1900mm x 3010mm x 1356mm (L x W x H) CTP with multiple cassette unit (MCL): 1900mm x 3267mm x 1356mm (L x W x H)							
Weight		Manual loader: 1100kg, Single cassette: 1250kg, Multi-cassette: 1650kg							
	Р	single phase	: 220V, 2.62kW	single phase : 220V, 2.73kW	single phase : 220V, 2.61kW	single phase : 220V, 2.49kW			
Power	SCL	single phase	: 220V, 2.82kW	single phase : 220V, 2.93kW	single phase : 220V, 2.81kW	single phase : 220V, 2.69kW			
supply	MCL		: 220V, 2.82kW 220V, 0.85kW	single phase : 220V, 2.93kW MCL loader : 220V, 0.85kW	single phase : 220V, 2.81kW MCL loader : 220V, 0.85kW	single phase : 220V, 2.69kW MCL loader : 220V, 0.85kW			
	Common	Power of vacuum box: 220V, 1.310KW							
Compressed air		oil free ≥ 200L/min, ≥0.65MPa CTP manual loader (P) : one line for CTP, Volume ≥65L CTP with standard single cassette unit (SCL) : one line for CTP and SCL, Volume ≥135L CTP with multiple cassette unit (MCL) : one line for CTP, one line for MCL, Volume ≥135L							
Specification of PC for image control software		PC required specification is as below. - CPU: Intel Core i5 or above (Do Not use AMD) - Memory: Minimum 16GB - Storage: 256GB SSD (OS) + 1TB HDD (Data) - Network: 1Gb Ethernet - Interface: PCIe xl Slot, USB 2.0 - OS: Windows 10 / 11 64bit (English)							

*1 productivity is evaluated when using only positive plate. *2 Plate loading system is a factory option. Please contact Fujifilm for further information. *3 Maximum imaging area with standard 8mm clamps (6mm clamps option on T-X models only)

Direct drive and linear motors

With extremely high precision positioning, and fast acceleration, the direct drum drive motor significantly reduces load/unload times and greatly enhances efficiency compared to conventional belt-driven drum technologies. In addition, the linear motor eliminates positioning deviations caused by intermediate links, resulting in ultra-precise positioning of the laser carriage. Apart from the guide rail, there is almost no mechanical friction. This increases unit stability, reduces any chance of failure, and maximises service life.

Luxel T-6500CTP

The Luxel T-6500CTP series is a range of 4pp platesetters from Fujifilm. Available in three versions with key improvements in productivity, the flagship model can achieve 33 plates per hour providing at least 8 sets of 4 colour plates per hour. A range of automation options exist to meet specific production, space and budget requirements, and the latest laser technology ensures excellent image quality while producing consistent high plates. A wide range of compatible plate sizes provides flexibility for a larger number of presses, with up to 3 sets of plate punches enabling accurate online press plate punching for improved plate registration.

PlateRite Ultima

PlateRite Ultima is a range of high speed, VLF thermal platesetters that can output large-format plates up to 2,900 x 1,350 mm in size, and as small as 450 x 370mm when fitted with the optional small plate option. This puts these machines in a class of their own as true multi-format platesetters.



Luxel T-6500CTP					
Model	Maximum productivity				
Luxel T-6500CTP E	11 plates per hour				
Luxel T-6500CTP S	21 plates per hour				
Luxel T-6500CTP X	33 plates per hour				

Special features

- Fibre LD technology for higher quality image output
- Improved small plate size support
- Improved data connection via Gigabit Ethernet
- Maximum plate size: 830 mm x 660 mm
- Online punch option: maximum 6 units with up to 3 sets of punches

Business benefits

- Reliable, high quality output
- Full automation possible with single and multi-autoloaders
- High productivity output up to 33 plates
 per hour



PlateRite Ultima	
Model	Maximum productivity
PlateRite Ultima 16000N	1470 x 1180 mm
PlateRite Ultima 24000N	1652 x 1325 mm
PlateRite Ultima 36000	2100 x 1600 mm
PlateRite Ultima 40000	2280 x 1600 mm
PlateRite Ultima 48000	2900 x 1350 mm

Advanced 1,024-channel imaging head GLV[™] (Grating Light Valve) technology has been used to develop a revolutionary multi-channel imaging head that enables remarkably high speed and high quality exposure. This cutting-edge imaging head features up to 1,024 individual laser beams that expose plates in wide swathes, enabling the PlateRite Ultima series to deliver unbeatable throughput without sacrificing quality.

Special features

- Minimum plate size: 650 mm x 550 mm
- Large, multi-format output from 4 to 48-page
- Optional inline punching
- Dual plate loading on all models (except Ultima 16000N)
- Dual plate imaging on Z models (except Ultima 16000N)

Business benefits

- Full automation possible with single- and multi-autoloader
- Advanced GLV imaging head up to 1024-channels for high-speed, high-quality output

For coatings the benefits are clear

Spot varnish coatings are critical to completing eye-catching book jacket designs that stand out on the shelf and help to drive sales. Leading UK book printer CPI Books, based in Croydon, south London, was previously using thermal flexographic plates for this process, but concerns over print quality and excessive waste – including the use of solvents and wicking cloths – led them to investigate Fujifilm's Flenex water-washable flexo plates as an alternative.

As a Jet Press customer, CPI Books already had a pre-existing relationship with Fujifilm and they made the decision to broaden this partnership much further, to include the supply of Flenex FW plates, following a period of consultation and a visit to the Fujifilm Advanced Print Technology Centre in Brussels. CPI began to see the benefits of making the switch immediately. Graham Faulkner, Works Manager at CPI Books, says: "In early 2019 we took the decision to switch to Fujifilm's Flenex water-washable flexo plates for our spot varnish coating applications. It has to be said that since the switch we have seen numerous benefits over the previous thermal plate we used.

"We have seen a definite improvement in print quality with improved varnish transfer leading to a higher gloss finish on the final print. Additionally, we see much sharper edges to the printed image.

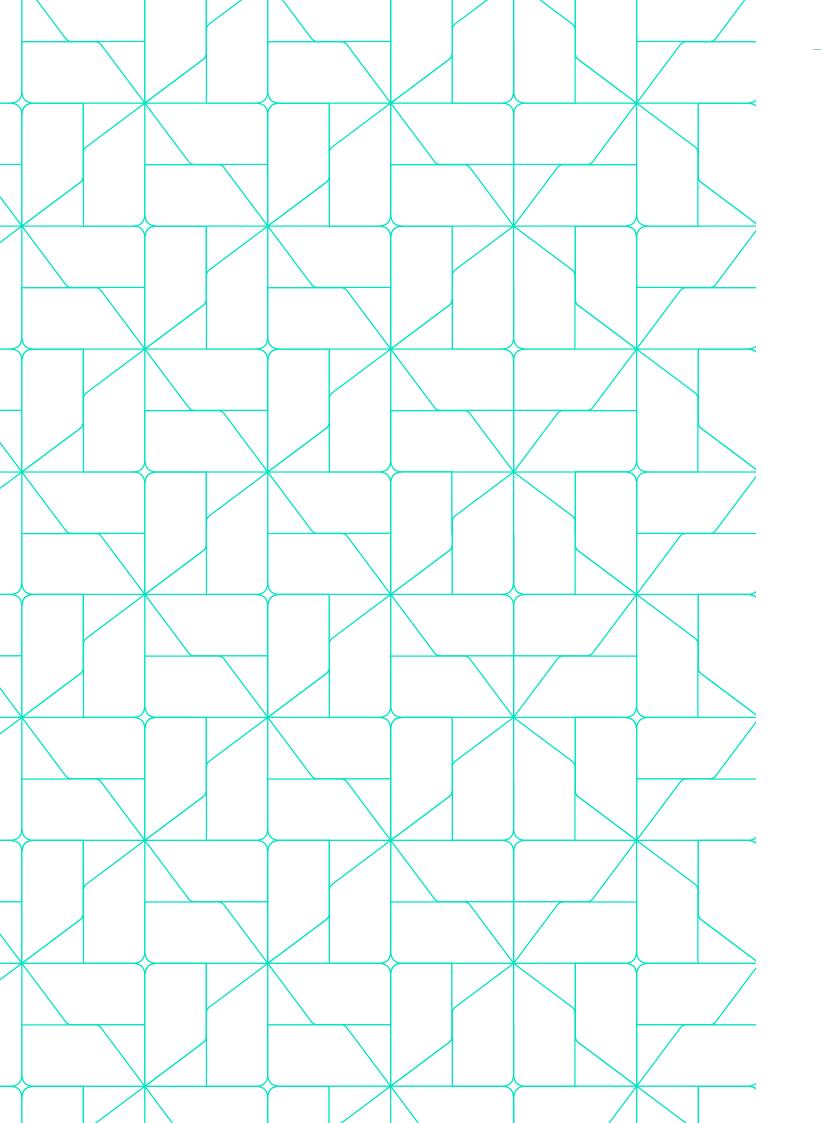
"Over time we have also seen that we incur less waste due to registration issues with improved press stability and excellent batch to batch plate consistency, something we had previously struggled with. Since adopting the Flenex plate, we have almost completely eradicated plate remakes, saving time and reducing associated waste polymer plates".



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Since adopting the Flenex plate, we have almost completely eradicated plate remakes, saving time and reducing associated waste polymer plates."

Graham Faulkner, Works Manager, CPI Books





Please contact your local Fujifilm partner or visit: **print-emea.fujifilm.com/commercial-sector**





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