

Revoria Press SC285 & SC285S

It's time to elevate your print



It's time to elevate your print

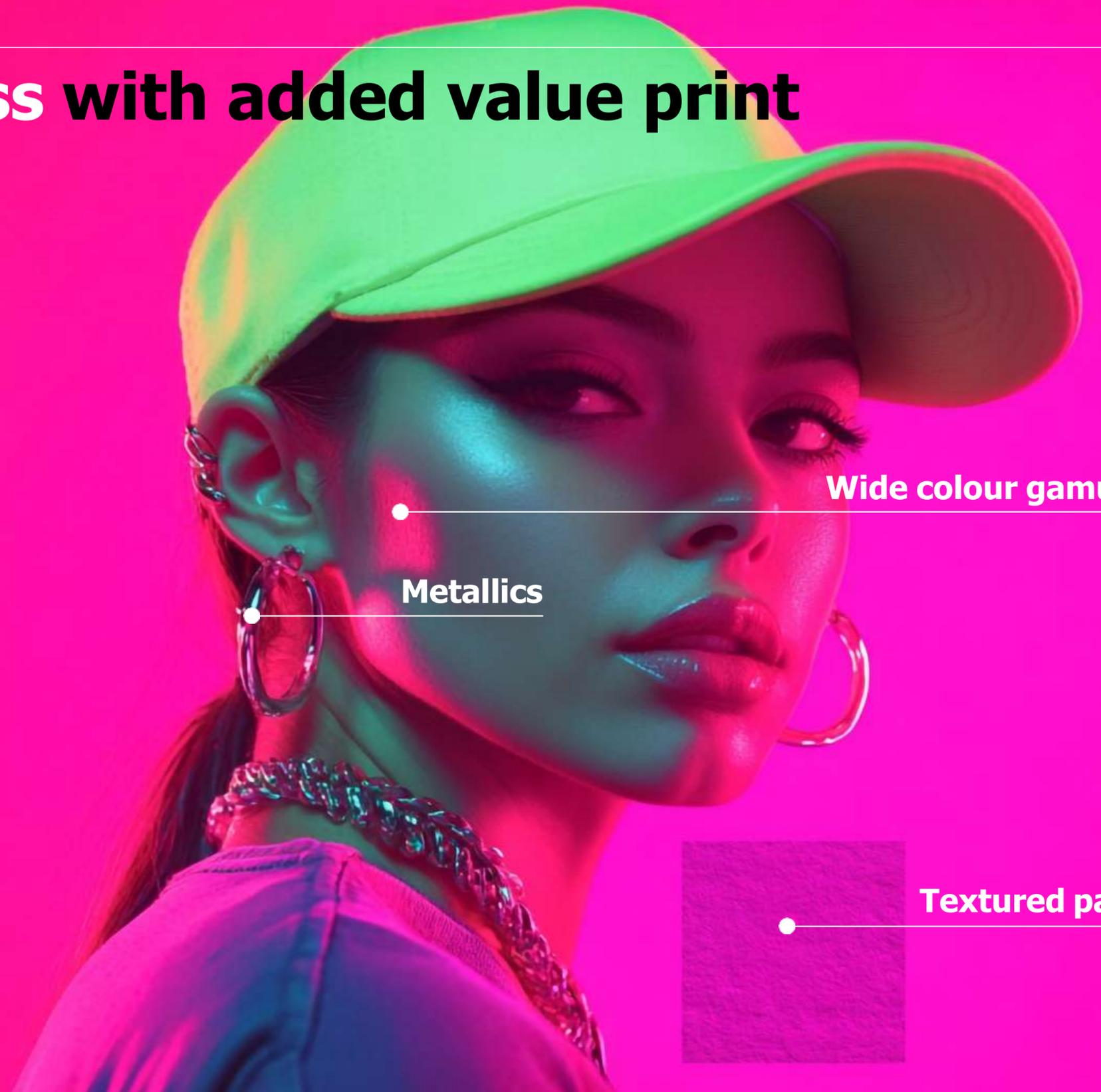
- A new mid-range press that combines a fifth colour with outstanding performance to help you stand out
- Break new boundaries with wider colour gamuts, speciality effects and industry-leading versatility
- Extra colour, extra applications, extraordinary results

SUPER COLOUR™



Differentiate your business with added value print

- The Revoria SC285S allows you to produce added value print by utilising speciality toners as a fifth colour
- These speciality toners can be printed as an overlay to CMYK, and can all be easily and quickly replaced by the user



Wide colour gamut

Metallics

Textured paper

Differentiate your business with added value print

- **Pink toner:**

- Expands the colour gamut, achieving colours closer to RGB
- Improves the printing of skin tones

- **Textured paper toner:**

- Print superbly particularly challenging textured paper

- **Clear toner:**

- Allows you to highlight areas of print with a perfectly registered varnish-like effect

Overlay 5 colour printing in one pass

Overlay printing effects:

- Silver*
- Gold*
- Pink
- White*
- Clear
- Textured Paper

Printed image
Speciality toner
CMYK toner
Paper

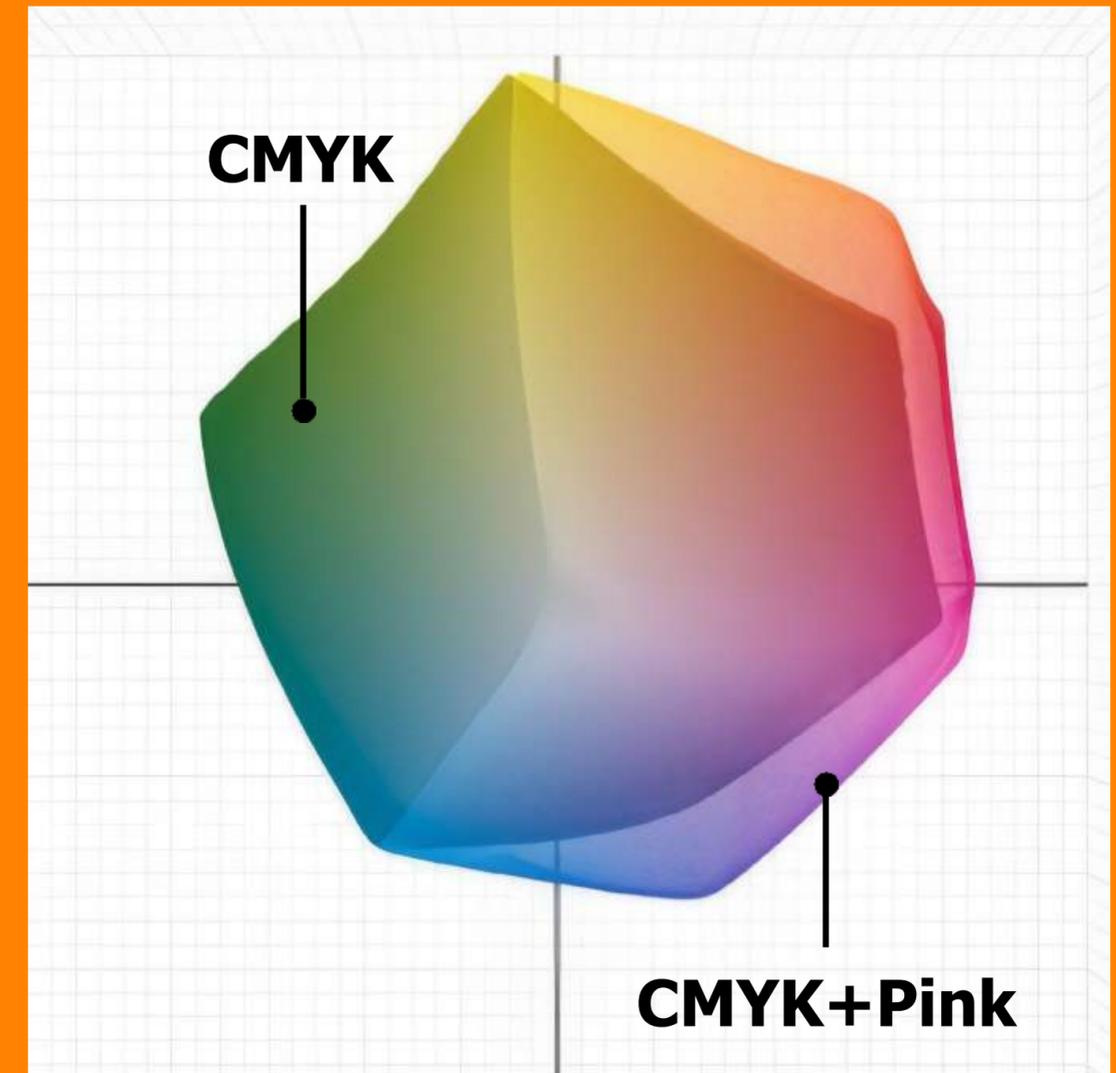
Special toner overlays the CMYK colours in one pass

The speciality toner cartridge can be easily changed by the user

*Gold, silver and white toners are in development and their availability will be announced in the future.

The value of pink toner

- **For expanding colour gamut:**
 - With CMYK + pink, the colour gamut of red and blue tones are expanded, and more vivid colours can be printed
 - Vivid oranges and blue-violets that could not be reproduced by CMYK alone can be printed
 - The 'Use Specialty Toner in RGB Simulation' function will print pink, orange and purple colours brighter and more vivid, closely matching colours to those displayed in RGB on a monitor



Colour gamut expansion

The value of pink toner

- **For improving skin tones:**
 - Skin tones of any hue are smoother with noticeably reduced grain
 - A unique feature in Revoria Flow, 'Use Pink Toner to Brighten Up', allows skin tones to be printed more vividly and beautifully

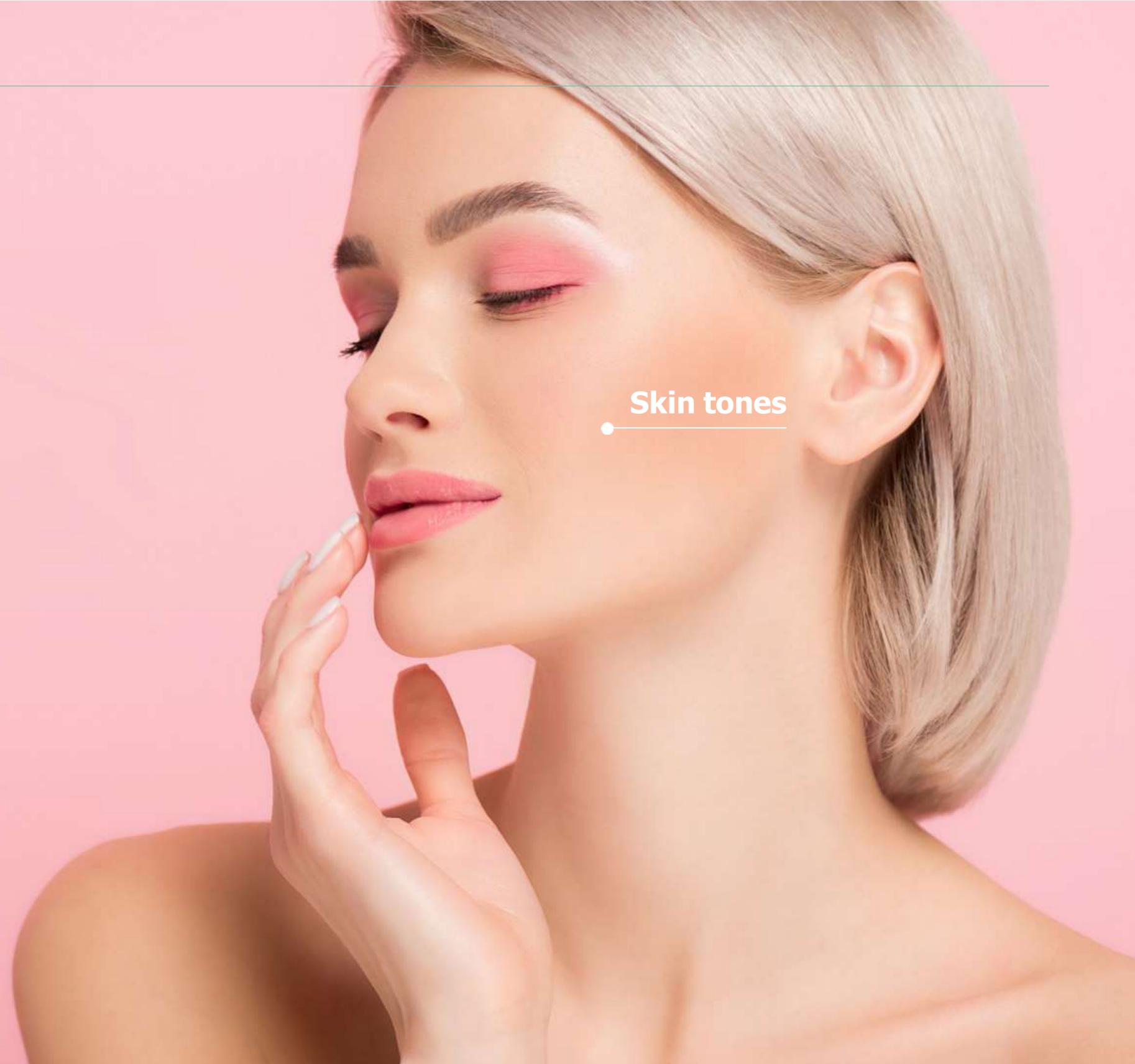


OFF



ON (Default setting +3)

Skin tones
can be printed
more vividly
with reduced
graininess



The value of clear toner

- Embellishments can be created, such as glossy or textured designs
- Highlight specific areas of print with a varnish-like effect
- Adds an extra dimension to produce creative, personalised print
- Adds a touch of luxury to subtle patterns and backgrounds

The value of
Clear
toner

The value of clear toner

- Brighten up images printed in CMYK
- Can be used for watermarks and background designs where there is a requirement to make them more difficult to copy
- Can also be integrated with CMYK print to achieve a shine as well as a varnish-type effect

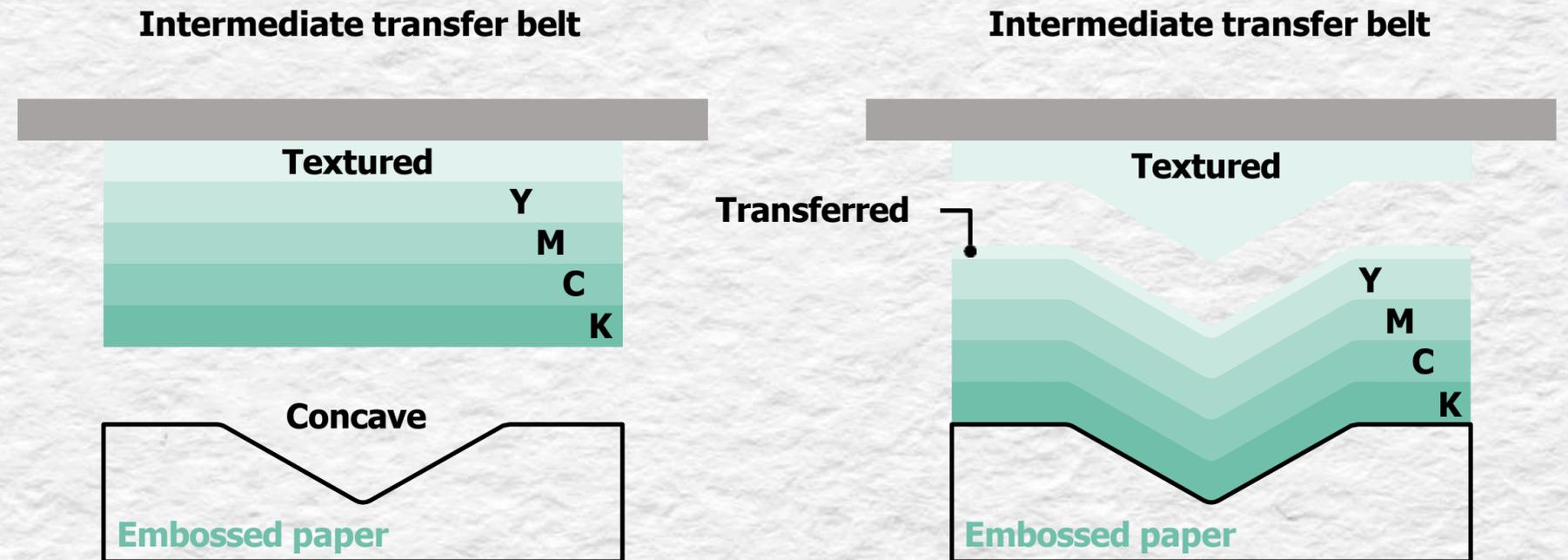
No clear toner

Plus clear toner



Higher quality printing on difficult textured paper

- It is possible to achieve excellent results with CMYK on textured paper
- Advanced transfer technologies improve the image quality even further on more difficult textured paper
- The clear and colourless textured paper toner improves the transfer of the colour toner onto the concave areas of textured paper



Preview speciality colours without printing on paper

- Preview the speciality toners on your monitor, without having to produce test prints
- Simulate what the effects will be when the paper type is changed

- There are two ways to preview speciality colours:

	1. Speciality colour preview (Revorvia Flow)	2. Speciality colour quick viewer (Adobe plug-in)
Speciality colour	Gold*/ Silver*/ Pink/ Clear	Gold*/ Silver*/ Pink
Paper type	Coated/ Uncoated/ Rough-gloss/ Emboss/ Pearl	Coated/ Uncoated
Coloured paper	Available	Not available

*Gold and silver toners are in development and their availability will be announced in the future



Superb
benchmark
print quality

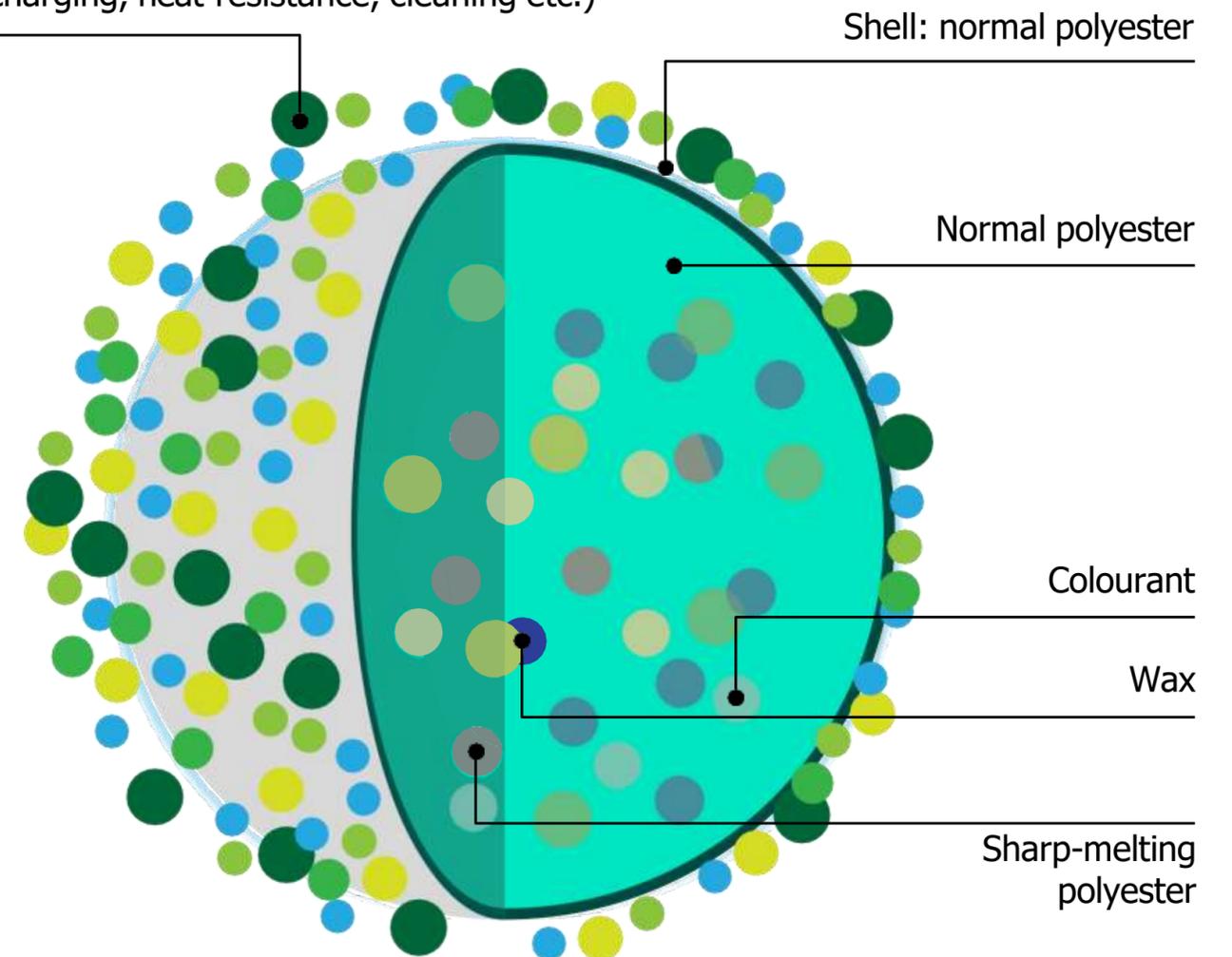


Super EA-Eco toner

- Both presses use Fujifilm's advanced Super EA-Eco toner used in the award-winning Revoria Press PC1120
- Particle sizes have been reduced to be the smallest in the industry to enable the super-sharp rendering of detailed characters and fine lines
- Gradations, halftones and midtones are reproduced more smoothly and dot shapes more faithfully

Best-in-class toner technologies: Super EA-Eco Toner

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



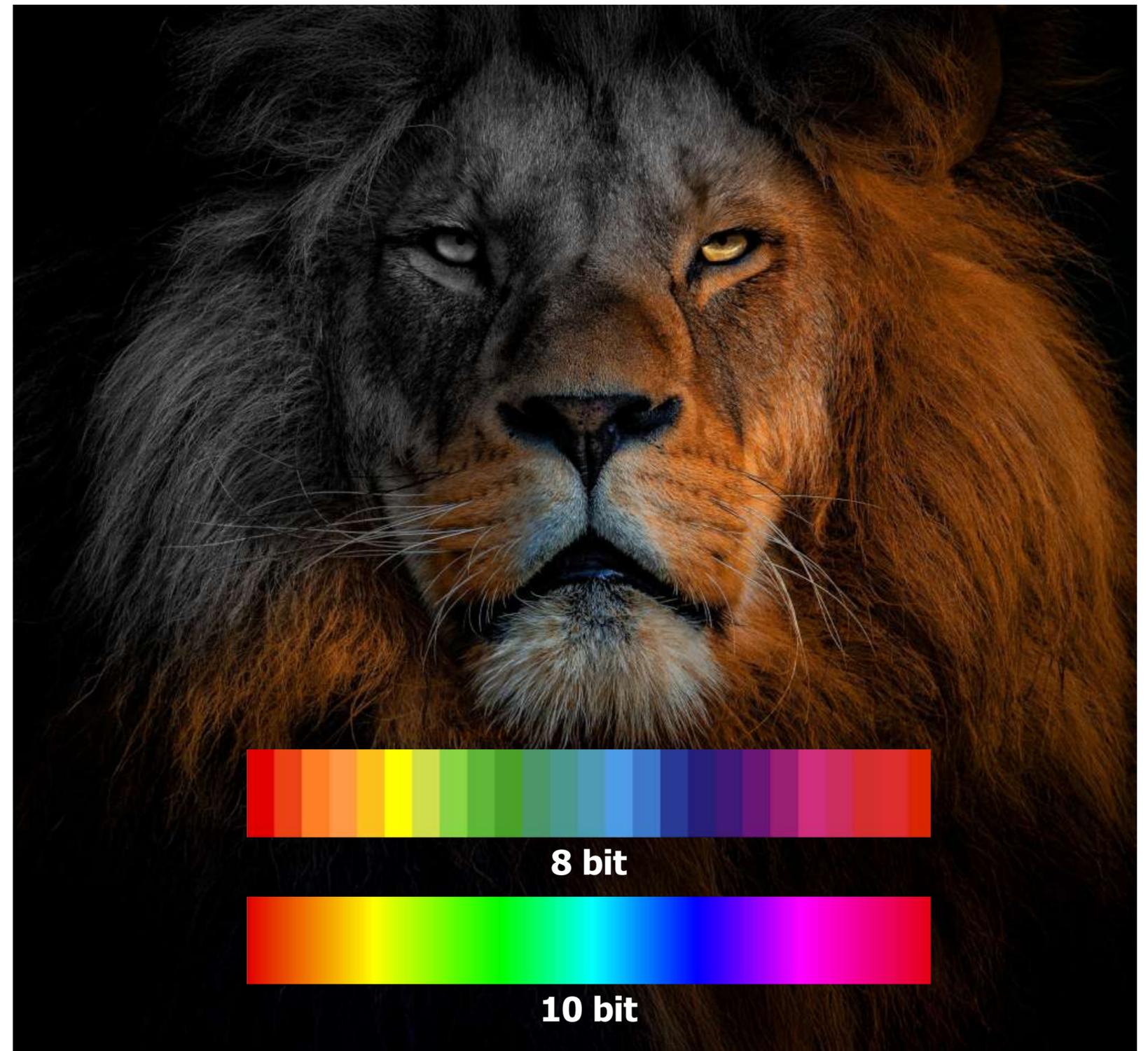
LED printhead

- **2400 x 2400 dpi LED printhead:**
 - Delivers high resolution output for sharp lines and images, enabling high-definition printing
- **Space saving, power saving:**
 - The size of the LED printhead has been reduced to 1/12 of the size of the previous generation
 - It consumes little power, makes no noise, image reproduction is incredibly stable
- **High image quality:**
 - Improved and further evolved development and transfer unit and associated technologies



10 bit depth rendering

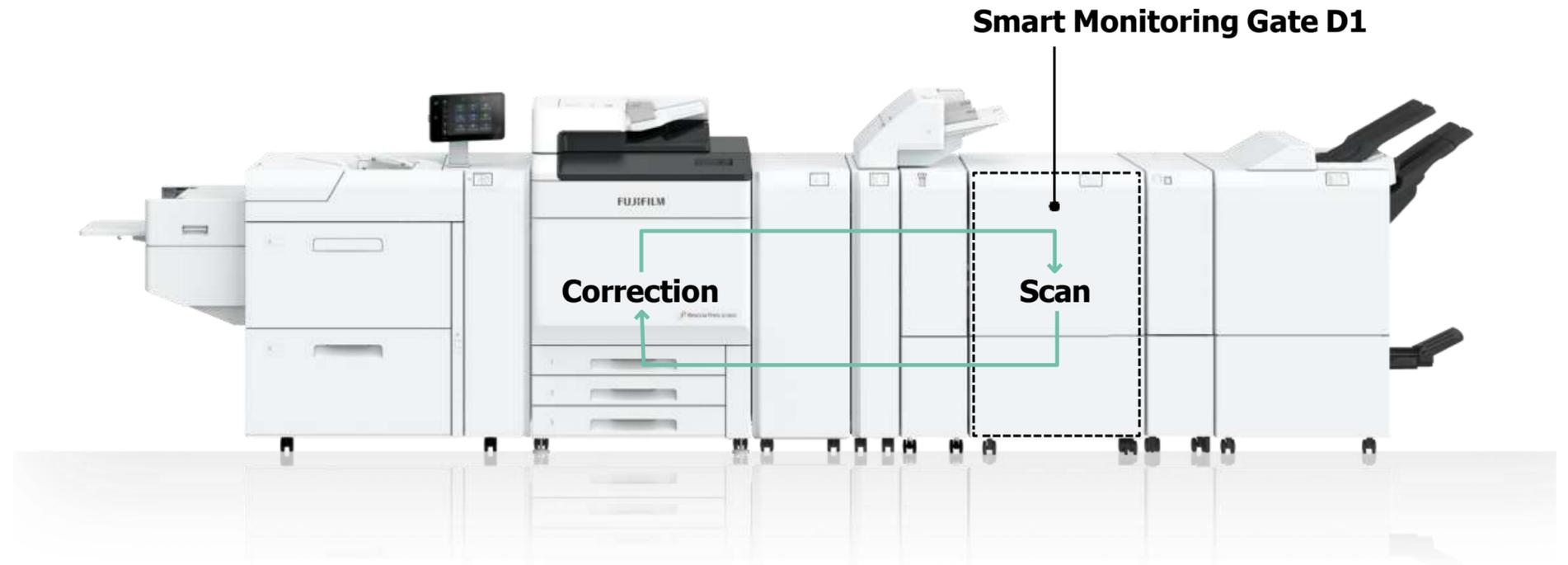
- Outstanding image quality
- 10 bit depth provides 4 times more greyscales (1024 against 256) than other printers in the market
- In combination with Super EA Eco toner, the presses produce outstanding fine detail, colour transitions, greyscale and skin tones



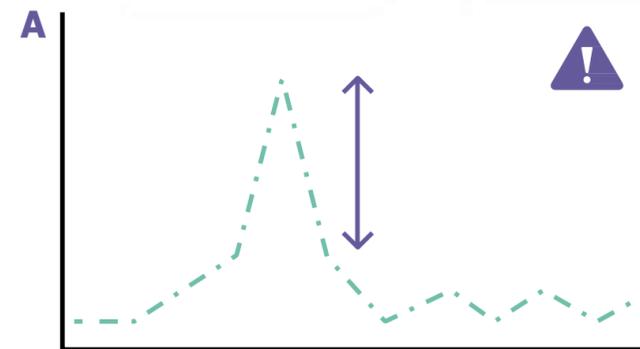
Real time, intelligent print optimisation

- **Smart stabiliser**

- An optional Smart Monitoring Gate D1 monitors the colour and front to back registration of print jobs as they are being printed

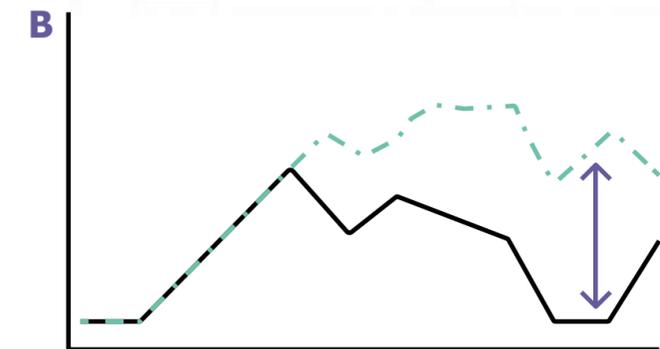


By scanning the print jobs, the system detects and automatically corrects colour variations and misalignments in real time



A) Change in colour density or registration

The D1 Smart Monitoring Gate intelligently monitors changes in colour density and registration misalignment



B) Real time adjustments

Adjustments are made while the job is printing based on the average change in value over the previous 10 pages



Maximised productivity and printing uptime

Top-speed printing of 85 ppm with all paper weights

- Both presses are capable of printing up to 85ppm A4 CMYK, and up to 47ppm for A3 CMYK
- This speed is achieved for all media weights of between 52g and 400g

**85ppm for
A4 CMYK**

**Weights
between
52g and
400g**

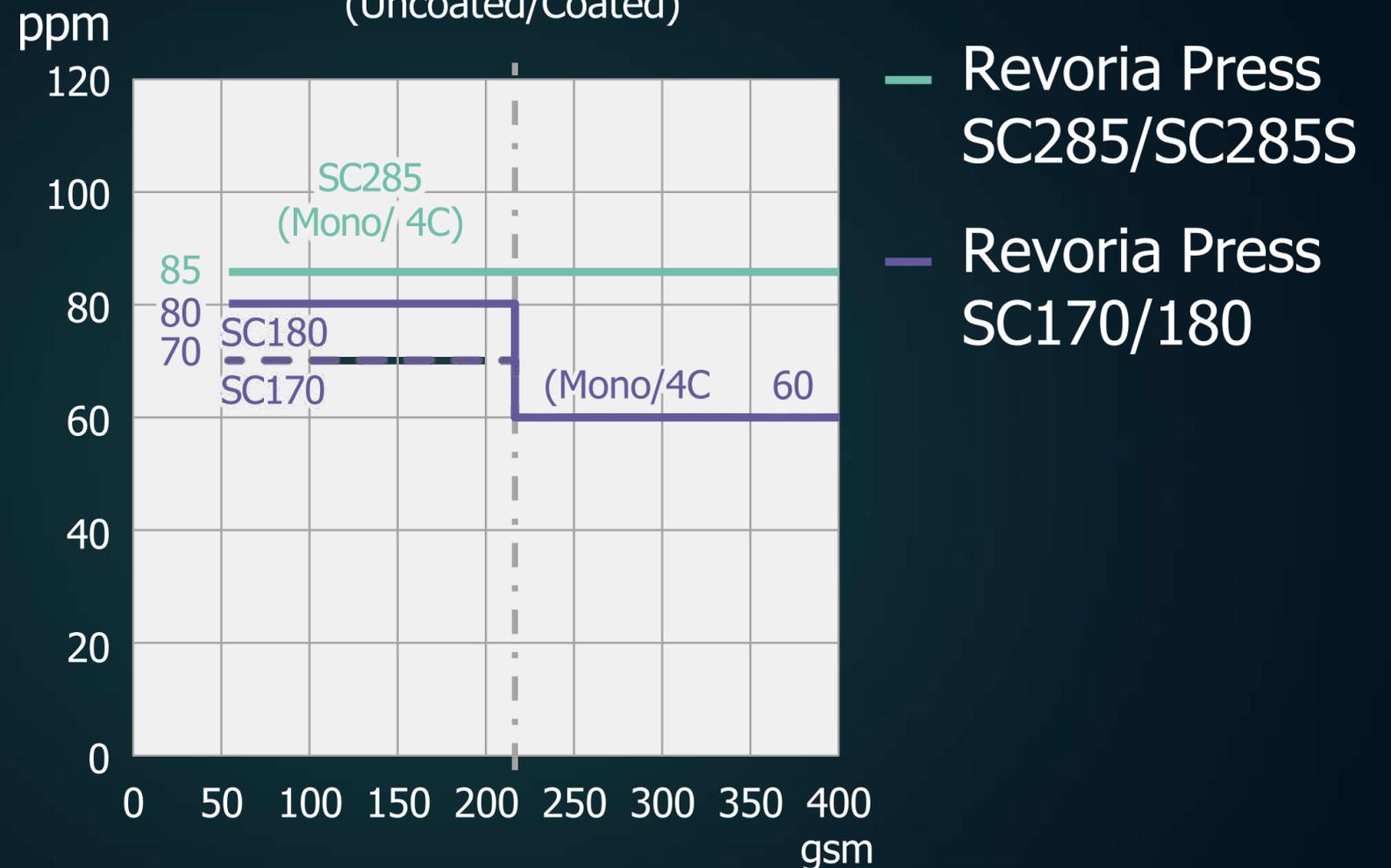


Top-speed printing of 85 ppm with all paper weights

- Little to no wait time, even for mixed jobs on coated/uncoated paper
- High-productivity A3 printing at 47 ppm

Print Speed of SC285/SC285S

(Uncoated/Coated)



**Superb
flexibility
& versatility**



Industry-leading paper handling capabilities

- A range of advanced marking technologies improve paper handling capabilities
- The variety of applications that can be printed has been extended
- Machine uptime has been increased across a wide variety of substrates



Industry-leading paper handling capabilities

- From 90 mm wide envelopes to 330×1300 mm wide posters and vertical calendars, you can expand the number of applications you can print
- Automatic duplex printing is possible up to 330 x 864mm



From a minimum of 90 × 146mm

to a maximum of 330 x 1300mm

Industry-leading paper handling capabilities

- **Embossed paper, rough paper, thick paper**
 - Advanced Single Layer Belt (A-SLB), secondary transfer load switching mechanism, and toner condition stabilisation technology, have greatly improved the transfer of toner to embossed and thick paper



Industry-leading paper handling capabilities

- **Plain paper, rough paper**
 - By improving both image formation and image transfer technologies, we have improved the print quality achievable on plain and rough paper
 - In addition, we have developed an optimal transfer electric field stabilisation technology for each paper type, improving the ability to print uniform densities



Industry-leading paper handling capabilities

- **Thick paper, envelopes**

- Two new paper transfer technologies result in industry-leading paper handling capabilities:

1. New secondary transfer load switching mechanism changes the pressure to hold the paper according to the paper thickness

2. New transfer torque variable mechanism stabilises the paper feed

- Both these new technologies mean thick paper and envelopes are can be printed wrinkle-free consistently



Industry-leading paper handling capabilities

- **Thin paper**

- The use of a belt-type transfer device, rather than roll-type, improves the versatility of printing on thin paper

- **Postcards**

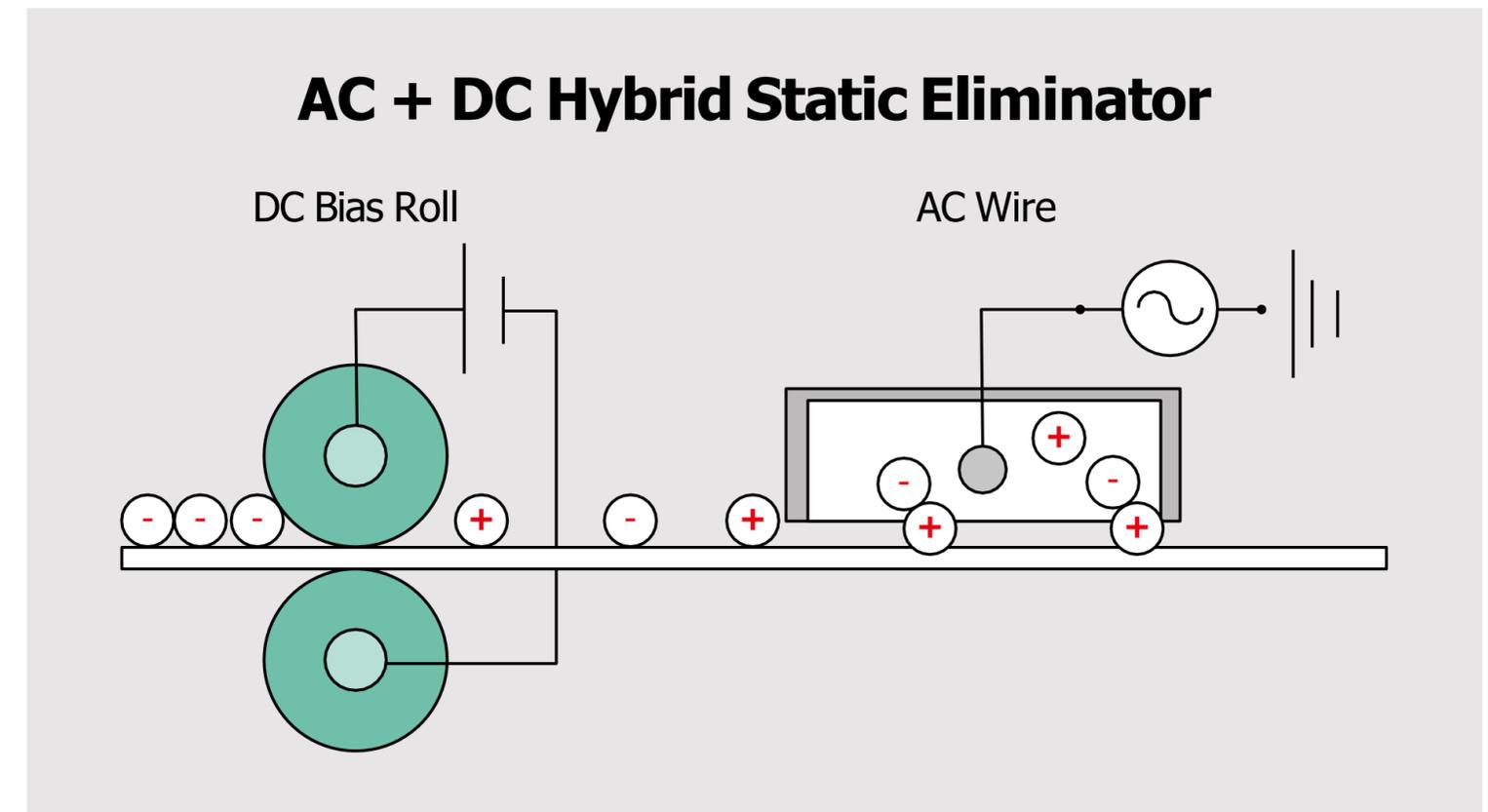
- By blocking the area outside the paper path with a shutter, the paper adsorption is enhanced and the stability of handling postcards is improved



Additional paper handling technologies

- **Static Eliminator**

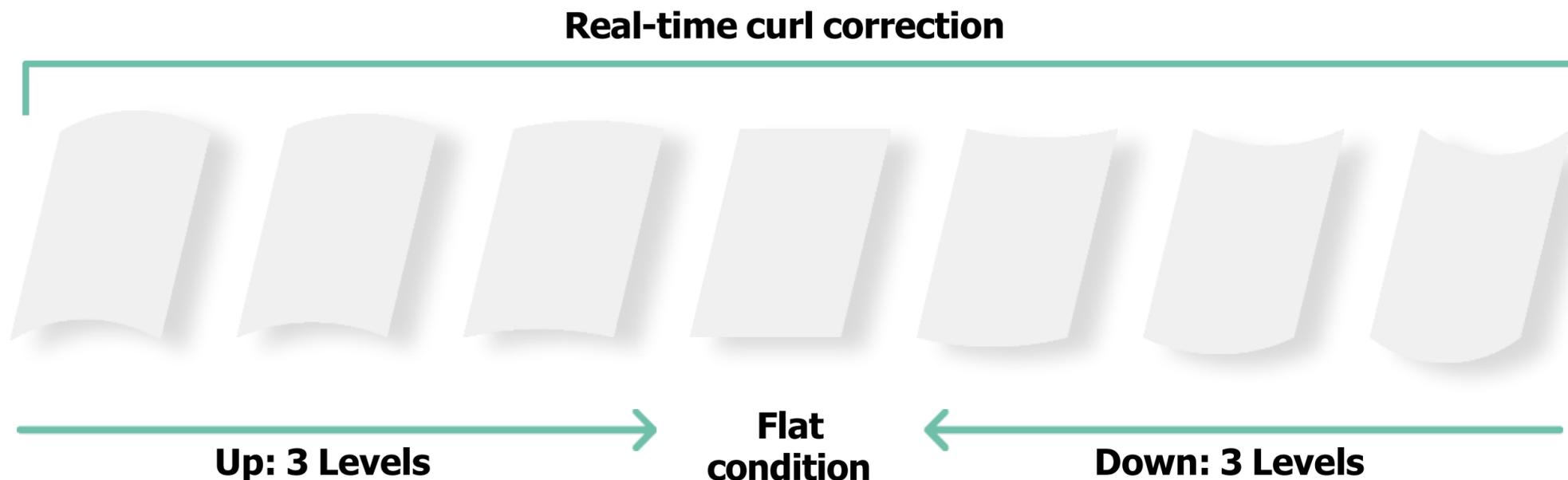
- The optional Static Eliminator D1 eliminates static on a wide range of media, including single-layer film, synthetic paper, water-resistant paper, and tack paper
- The charge can be adjusted from 0 to 99, and can be set while the press is running



Additional paper handling technologies

- **Curl Correction**

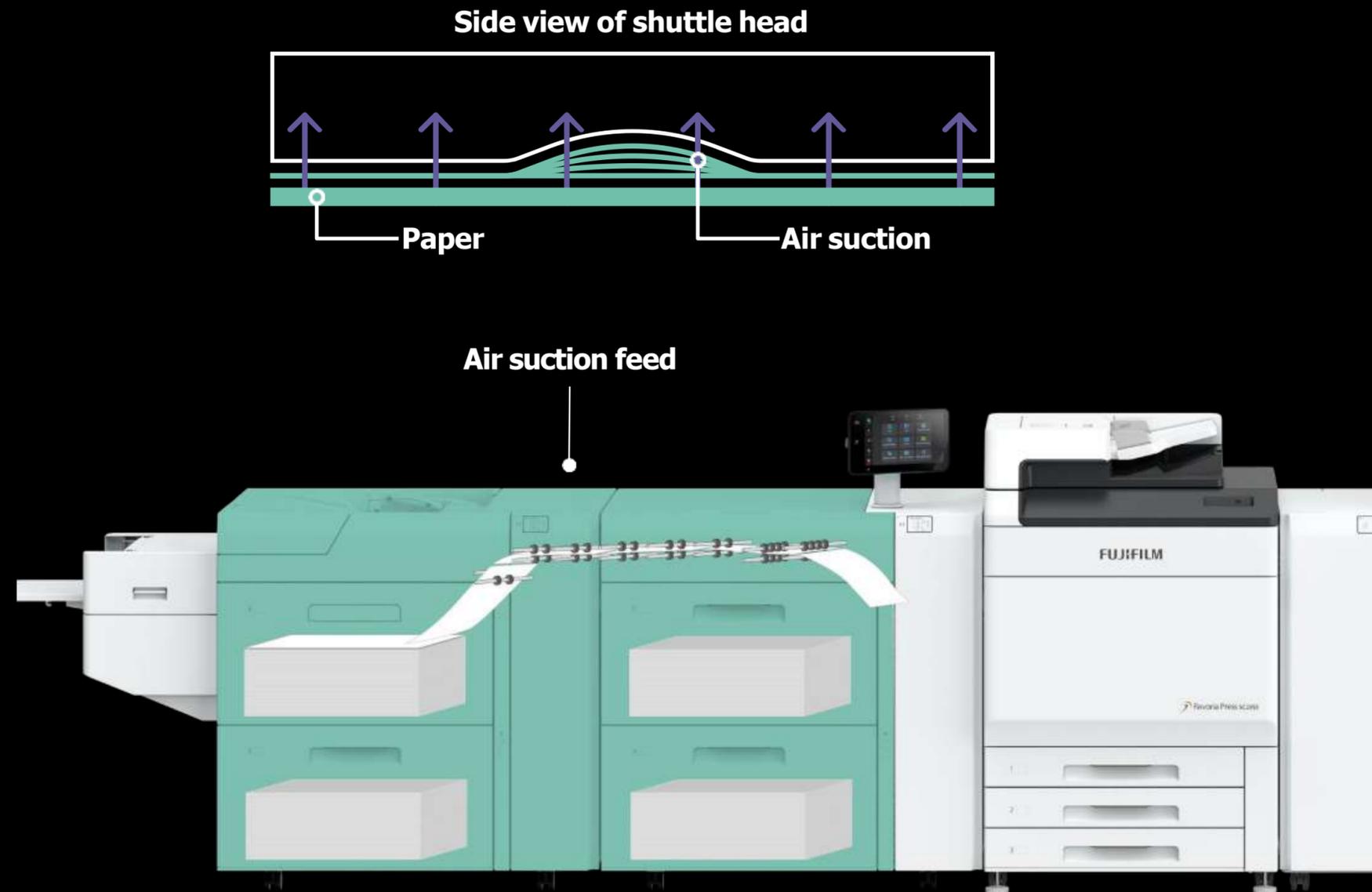
- A compact, built-in decurler judges and automatically corrects the paper curl caused by the type of paper or the image density
- The optional Interface Decurler Module D1 offers easy additional curl correction steps, where the printing media is changing frequently



Additional paper handling technologies

- **Air Suction Feeder**

- Improves the feed of paper with paper dust, pre-printed paper using powder, paper with an uneven texture and coated paper
- A stable and high-speed feed is achieved
- The shuttle head draws up the paper strongly using air, separating and delivering each sheet reliably
- The active head avoids friction on the paper surface, which can be a problem with other suction feeding technologies

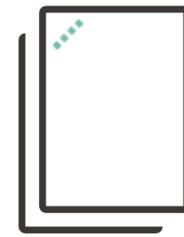


Flexible post processing options

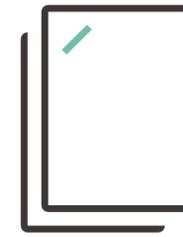
- Both presses incorporate various post-processing options inline
- They also support safer and more sustainable staple-less document creation



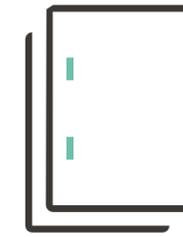
Cover/ Sheet insertion



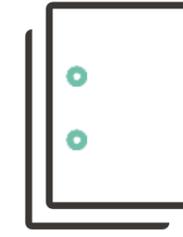
Staple-free staple



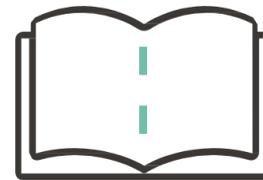
Single staple



Dual staple



2-hole punch



Saddle staple



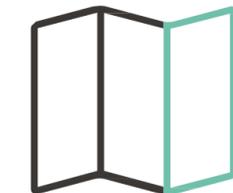
Single fold



Single fold (multiple sheets)



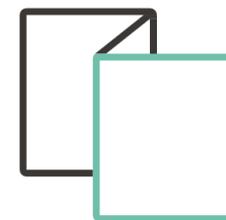
Tri-fold



Z fold



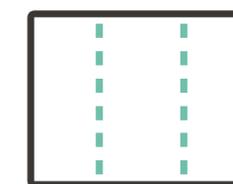
Square back



Z fold half sheet



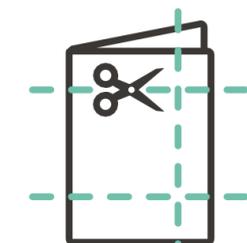
Face trim



Crease



Two-sided trim



Full bleed trim



Square back



Staple-free staple

Space-saving design

- Both presses incorporate a completely new 'Vertical Development System', along with an ultra-compact LED printhead
- The result is a 5 colour press which is almost the same size as its 4 colour predecessor, the Revoria Press SC180/170

Revoria Press SC285/SC285S



Handle production and office work with 2-in-1 versatility

- Both presses are equipped with a range of additional functions suitable for an office environment:

Print	<ul style="list-style-type: none">• PCL Driver• MMD2/ MMD4G• Private Charge Print• Server-less On-demand Print*1
Copy	<ul style="list-style-type: none">• 85ppm (Colour/ BW), A4
Scan	<ul style="list-style-type: none">• 135ppm (colour/ BW)• 1 pass, 2-sided scanning: 270ppm (Colour/ BW) Standard document (A4), 200dpi, to Folder
Security	<ul style="list-style-type: none">• Data security (SSD encryption)• Paper security*1 (Copy Management/ Digital code embedding and tracking function/ Hidden text printing)
Management	<ul style="list-style-type: none">• Remote Accounts (Using external authentication server) (Optional*2)• Server-less Authentication (Optional*2)

*1 Optional

*2 Optional depending on location

Sustainability



Superior de-inkability certification

- Both presses are equipped with a number of energy saving features, for example the LED printhead and Super EA-Eco toner
- The printers have also received 'Superior De-inkability' certification from INGEDE, meaning toner can be easily removed from print allowing it to be easily recycled
- The total score is 100/100 achievable points



Software options



Revoria Flow

- A next generation Digital Front End (DFE) combining workflow functionality and Fujifilm's advanced imaging know-how
- Designed to optimise the advanced features incorporated into the Revoria Press SC285 & SC285S
- AI automatically detects the type of image within a print job and optimises print quality settings depending on the image



Portrait
Correct skin tone
Brightness

Landscape
Noise reduction
Correct sky colour

Indoor
Brightness
Texture correction

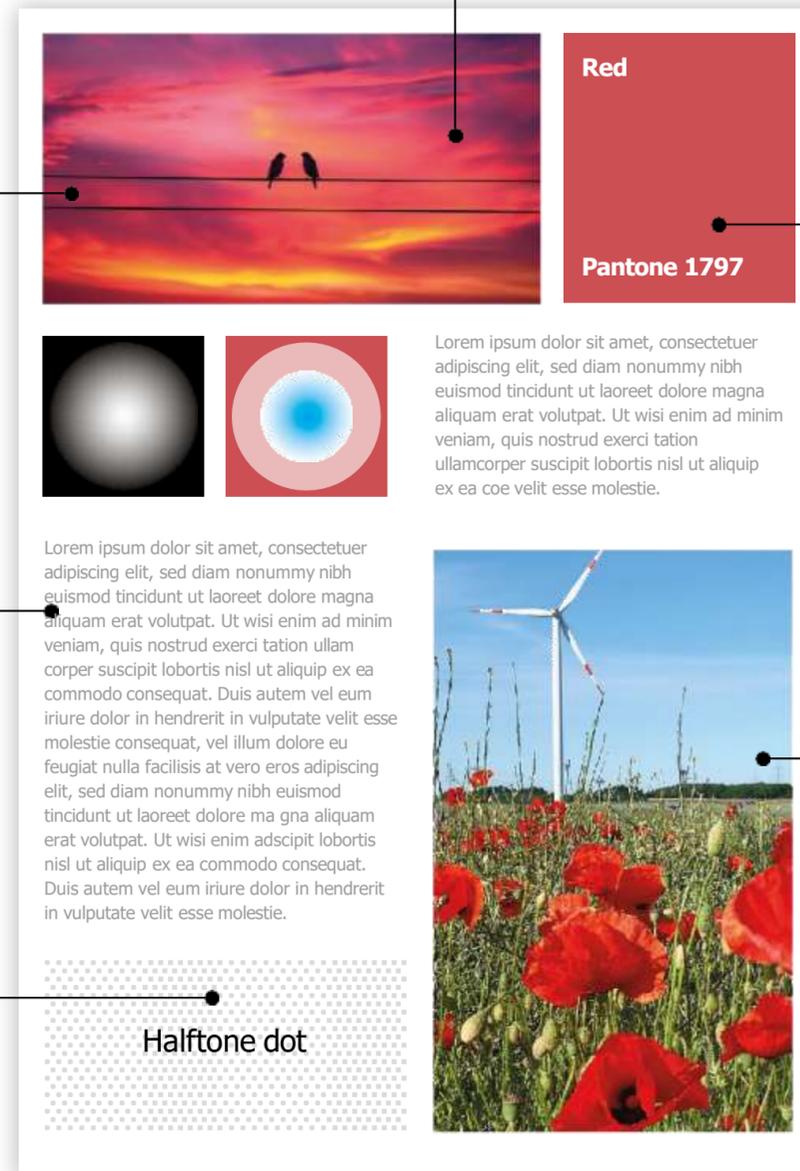
Outdoor
Backlight compensation
Sharpness

Revoria Flow: automatic image quality adjustment

- Revoria Flow includes many features to optimise image quality:
- Gradation correction: even smoother gradations can be achieved in jobs that are prone to tone jumps
- Edge enhancement: the printing of very small text and fine lines can be improved using edge enhancement
- Bold text: the definition of bold text can also be improved

Gradation correction

Even smoother gradations can be achieved with jobs that are prone to tone jumps



Calibration of not only CMYK single colours but also mixed colours

Equipped with special colour libraries as standard for printing industries such as DICs and TOYO, PANTONE to reproduce customer-specific colours

Clear printing of small texts and thin lines

You can precisely reproduce texts and photos on the screen

Automatic photo correction according to the scene purpose

Revoria Flow: metallic* and pinks

- Features special colour libraries to make it easier to reproduce customer-specific colours
- Built in colour palette so that metallic colours are readily available
- By downloading the Pantone swatch library, you can specify gold*, silver* and pink easily in Adobe Illustrator, InDesign, and Photoshop
- Pink can be used to reproduce colour swatches of spot colours

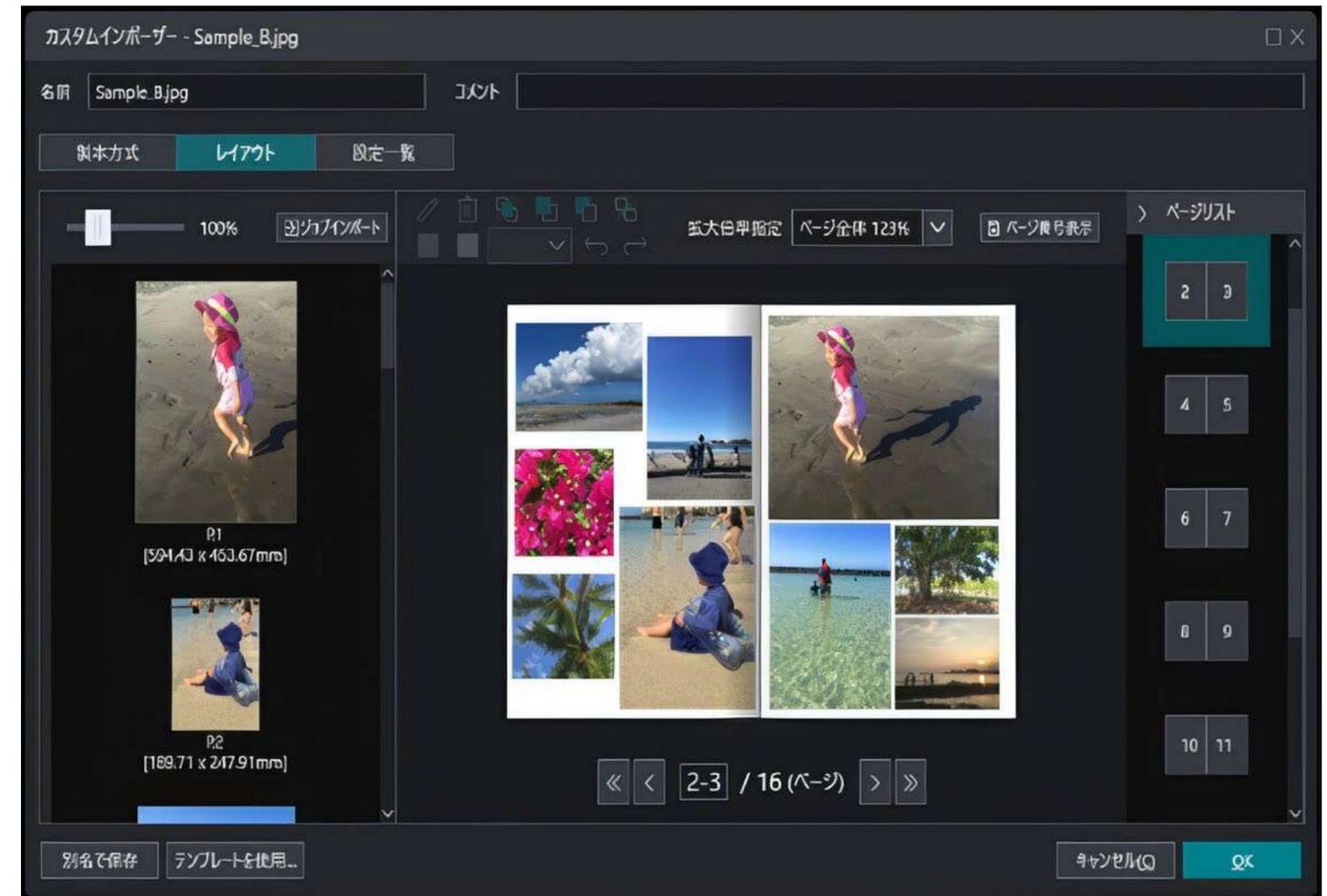
*Gold, silver and white toners are in development and their availability will be announced in the future.

Print Server SpotColor Chart



Revoria Flow: free layout of image files

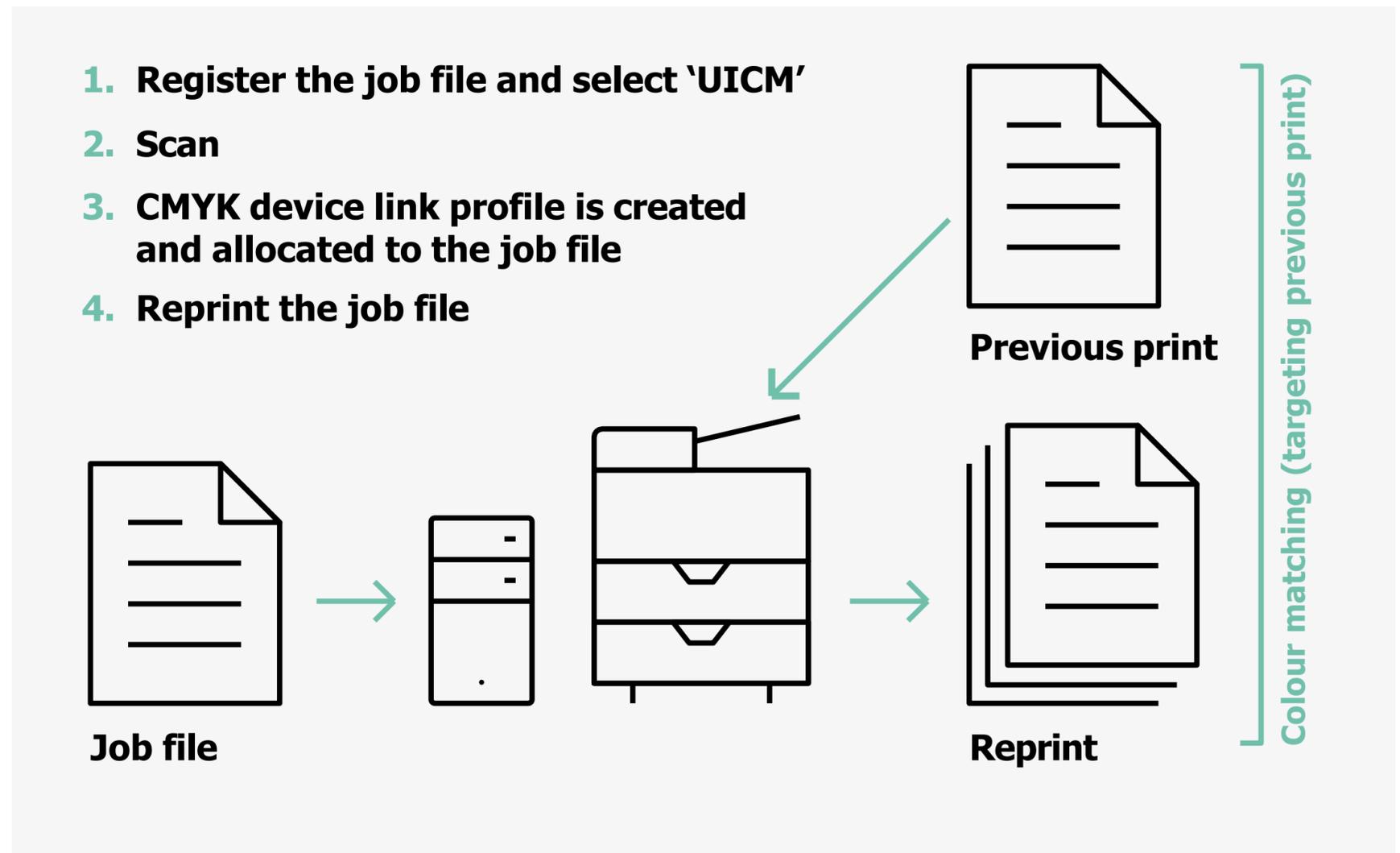
- Revoria Flow allows you to create custom imposition templates
- Easily create, for example, photo albums, with images placed in custom templates without the use of any other DTP software



Custom imposition templates

Revoria Flow: colour matching previous print jobs

- User Image Colour Matching (UICM) feature can be used to match the colours of a previous print job, even if it was printed on another press
- Revoria Press SC285 & SC285S incorporate a scanning unit that can be used to scan a previous job
- Revoria Flow then creates a CMYK device link profile and allocates it to the job



Fiery SC21 & SC22C

- Fiery SC21 & SC22C servers can be used to power the presses for smart automation and perfect colour precision
- Equipped with the cutting-edge Fiery FS600 Pro software, this server is engineered to take your efficiency and print quality to its maximum
- Job management can be streamlined with Fiery Command WorkStation
- Fiery Print Scheduler enables job scheduling via a visual interface, optimising production schedules, machine availability, and customer delivery timelines



Fiery SC21
***stand alone**



Fiery SC22C
***integrated**

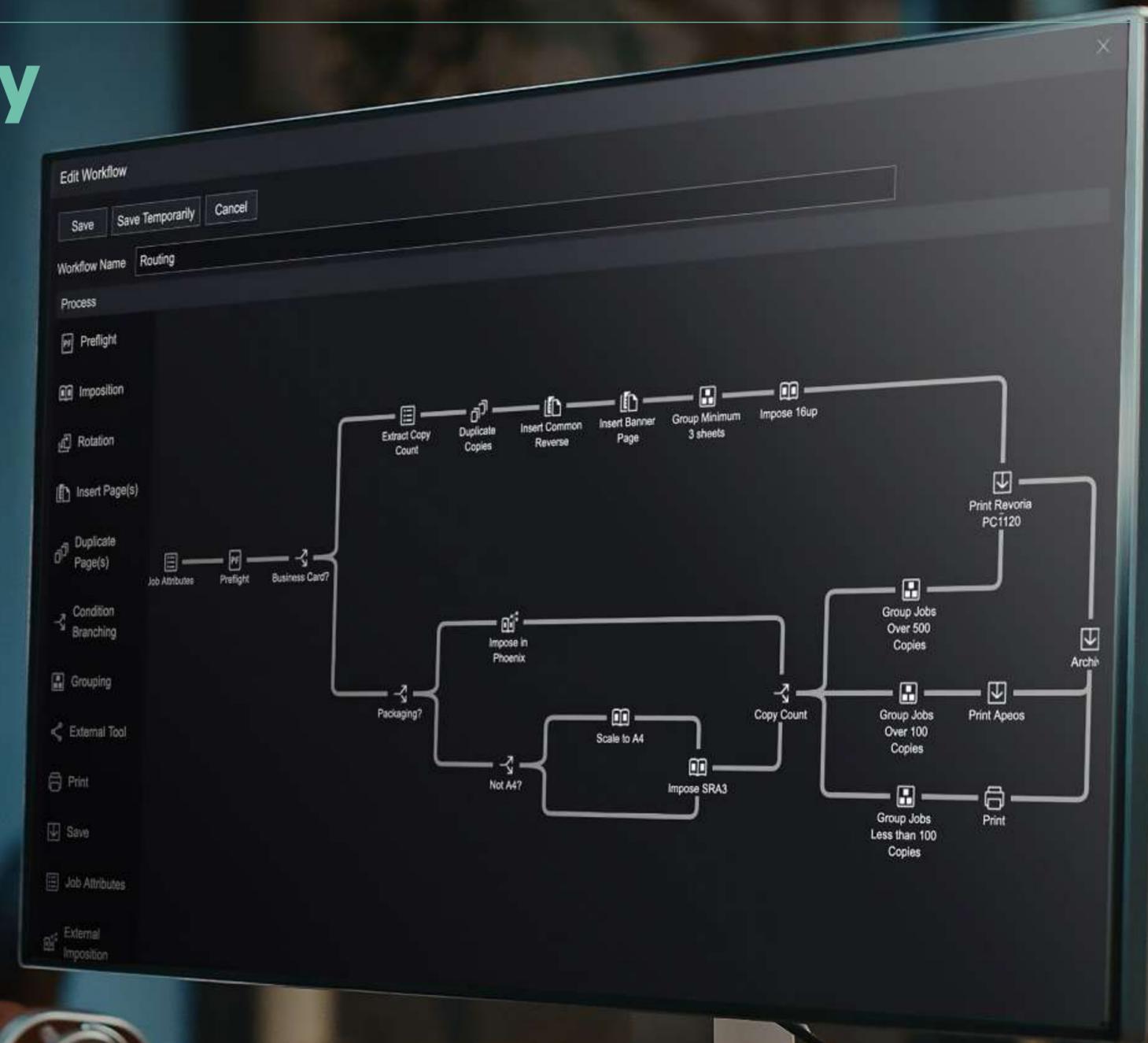
Revoria XMF PressReady

- **Advanced digital workflow**

- Revolutionary digital print production workflow to receive, pre-flight, impose, gang, sort and deliver 'Press Ready' jobs to digital presses

- **Conditional automation**

- Integrates seamlessly into a range of established workflow environments
- Can be configured to make production decisions based on size, quantity, media, and page count
- Eliminates the need for manual intervention



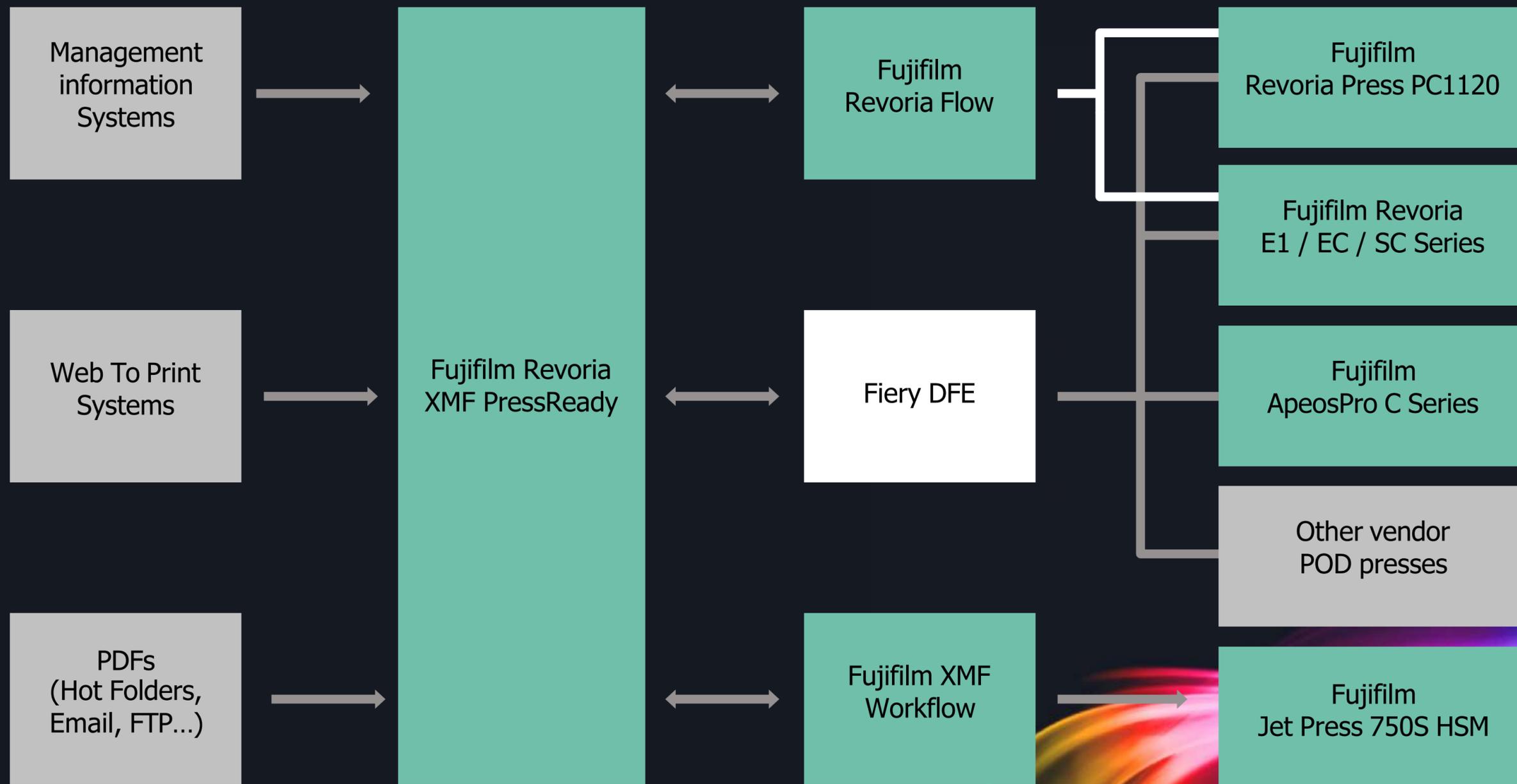
Revorvia XMF PressReady key features

- Job input from multiple sources (JDF via MIS, W2P, XMF)
- Workflow front end to both 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 branching'
- 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

Revorvia XMF PressReady

- **Hybrid digital & offset print production**
 - Manage both offset and digital production via one integrated workflow
 - When used in combination Revoria Flow DFE, it can completely automate the flow of print work
- **Print management across all vendor presses**
 - Integrates not only with Revoria digital presses, but any connected digital press using a Fiery DFE
 - Brings a new level of efficiency to digital print production

Revoria XMF PressReady connectivity



Specifications



Revoria Press SC285/SC285S feeding options



High Capacity Feeder C3-DS + Multi Sheet Inserter for banner print

- Air assist
 - Multi-feed detection
- 2100 sheets x 2 trays + 250 sheets
Main trays accept 330 x 488mm,
bypass tray 330 x 660mm



Chained Air Suction Feeder C1-DS-L*1 + Chained Air Suction Feeder C1-DS-R

- Air suction
 - Multi-feed detection
- 2200 sheets x 2 trays + 250 sheets
Main trays accept 330 x 488mm,
bypass tray 330 x 660mm



High Capacity Feeder B1*2

- A4 size
- 2100 sheets x 1 tray
Maximum SRA4



2nd High Capacity Feeder C1-DS + High Capacity Feeder C3-DS + Multi Sheet Inserter for banner print

- Air assist
 - Multi-feed detection
- 2100 sheets x 4 trays + 250 sheets
Main trays accept 330 x 488mm,
bypass tray 330 x 660mm



Air Suction Feeder C1-DSXL*1 + Banner Unit for Air Suction Feeder C1-DSXL

- Air suction
 - Multi-feed detection
 - Long sheets feeding
- 900 sheets + 2200 sheets + 250 sheets
Maximum SRA3, 330 x 1300 mm (Upper tray)



High Capacity Feeder B1-S + Multi Sheet Inserter for banner print

- A4 size
- 2100 sheets x 1 tray + 250 sheets
Main trays accept 330 x 488mm,
bypass tray 330 x 660mm



Air Suction Feeder C1-DS*1

- Air suction
 - Multi-feed detection
- 2200 sheets x 2 trays + 250 sheets
Main trays accept 330 x 488mm,
bypass tray 330 x 660mm



Chained Air Suction Feeder C1-DSXL-L*1 + Chained Air Suction Feeder C1-DS-R + Banner Unit for Air Suction Feeder C1-DSXL

- Air suction
 - Multi-feed detection
 - Long sheets feeding
- 900 sheets + 2200 sheets x 3 trays + 250 sheets
Maximum SRA3, 330 x 1300 mm (Left Upper tray)

*1: Multi Sheet Inserter for Banner Print is equipped as standard

*2: Optional Multi Sheet Inserter for Banner Print is required separately. It is connected to printer directly.

Revoria Press SC285/SC285S output options



Full configuration: W 10462 x D 1104 x H 1786 mm

1 Interface Decurler Module D1

- Real-time paper curl correction

2 Inserter D1

- Cover / sheet insertion

3 Static Eliminator D1

- Eliminate static electricity

4 Smart monitoring gate D1

- Real-time smart print optimisation

5 High Capacity Stacker A1

- 5000-sheet offset-stacking
- Stacker cart
- Long sheets output*3

6 Crease/Two-sided Trimmer D2

- Two-sided trim
- Crease

7 Folder Unit CD2

- Z Fold half sheet
- Tri-fold

8 Finisher D6 with Booklet Maker

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

Finisher D6

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

Square Back Fold Trimmer D1

- Face trim
- Square back

Folder Unit CD3

- Z Fold half sheet • Tri-fold
- For C5 Finisher

9 Finisher-C5/ Finisher-C5 with Booklet Maker

- Sort / Stack
- Stapling
- Staple-free stapling
- Hole punch
- Saddle staple
- Single fold*4

Offset Catch Tray

Offset stack



Long Catch Tray

Long sheets output



*3: Optional

*4: For Finisher-C5 with Booklet Maker

Revoria Press SC285/SC285S specifications

Item	Description	
Colour capability	CMYK + 1 speciality colour	
Toner technology	Super EA-Eco toner	
Print resolution	2400 x 2400 dpi	
Warm-up time	300 seconds or less (room temperature 23°C)	
Continuous print speed*¹	A4: 85 ppm, A3: 47 ppm	
Paper size²	Tray 1, 2, 3	140 x 182 mm to 330 x 488 mm
	Bypass tray (Optional)*³	90 x 146 mm to 330 x 1300 mm* ⁴
Paper weight	Tray 1, 2, 3	64 to 256 g
	Bypass tray (Optional)*³	52 to 300 g* ⁵
Paper capacity*⁶	Tray 1, 2, 3	570 sheets x 3-tray
	Bypass tray (Optional)*³	250 sheets
Power supply	Single-phase AC200-240 V +/-10%, 20 A, 50/60 Hz, ground connection	
Maximum power consumption	4.8 kW	
Dimensions*⁷	W 1159 x D 858 x H 1310 mm	
Weight*⁸		288 kg or less (include bypass tray)
		282 kg or less (exclude bypass tray)

*1: When continuously printing a single sided document. 52 to 350 g, uncoated paper. Print speed may be reduced depending on conditions of output data, on whether specialty toner is used, on whether auto image quality adjustment is performed, on whether the job includes a mixture of paper sizes and types, and other reasons.

*2: Image loss width: lead edge 4.0 mm, trail edge 2.0 mm, front 2.0 mm, rear 2.0 mm.

*3: When the optional bypass tray (Multi Sheet Inserter for Banner Print) is directly connected to the printer unit.

*4: Up to 330 x 660 mm paper is supported in duplex automatic printing.

*5: 52 to 220 g paper is available when printing longer than 488 mm sheet.

*6: 82 g paper.

*7: Printer unit + Bypass tray (Multi Sheet Inserter for Banner Print). Excludes feeding / output options. Bypass tray is closed.

*8: Printer unit + Bypass tray (Multi Sheet Inserter for Banner Print). Excludes feeding / output options. Excludes toner cartridges. When connecting the paper feed option, please be aware that the weight of the bypass tray may be included in the feed option.

Why Fujifilm?

- Global support team
- A brand you can trust
- 90 year history in print
- Financially stable
- A secure investment

FUJIFILM

Designed and
supported by Fujifilm