

New trends and customer orientation in digital printing

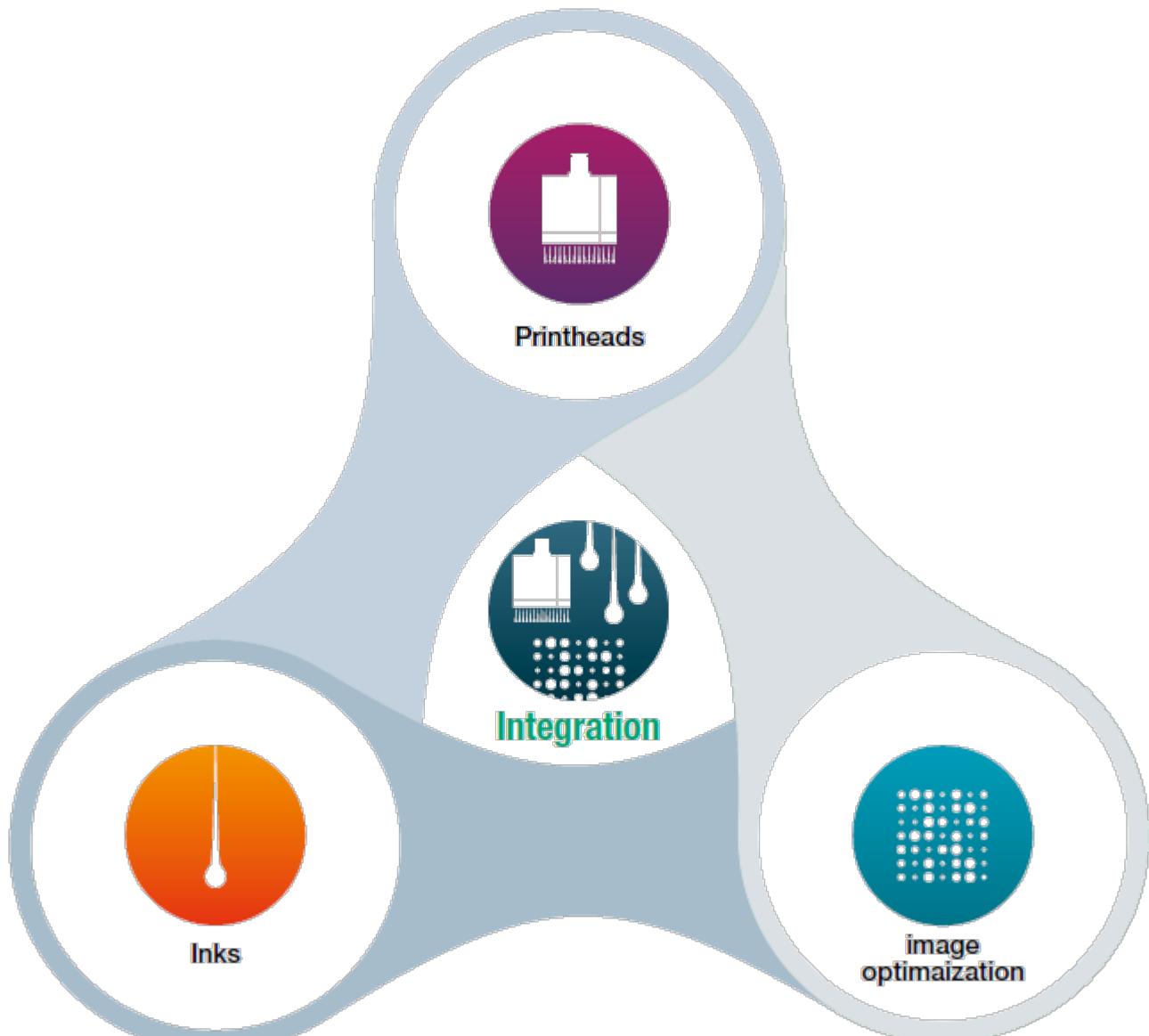
Mark Stephenson

Product Manager - Digital Printing and Press Systems



IMAGINE



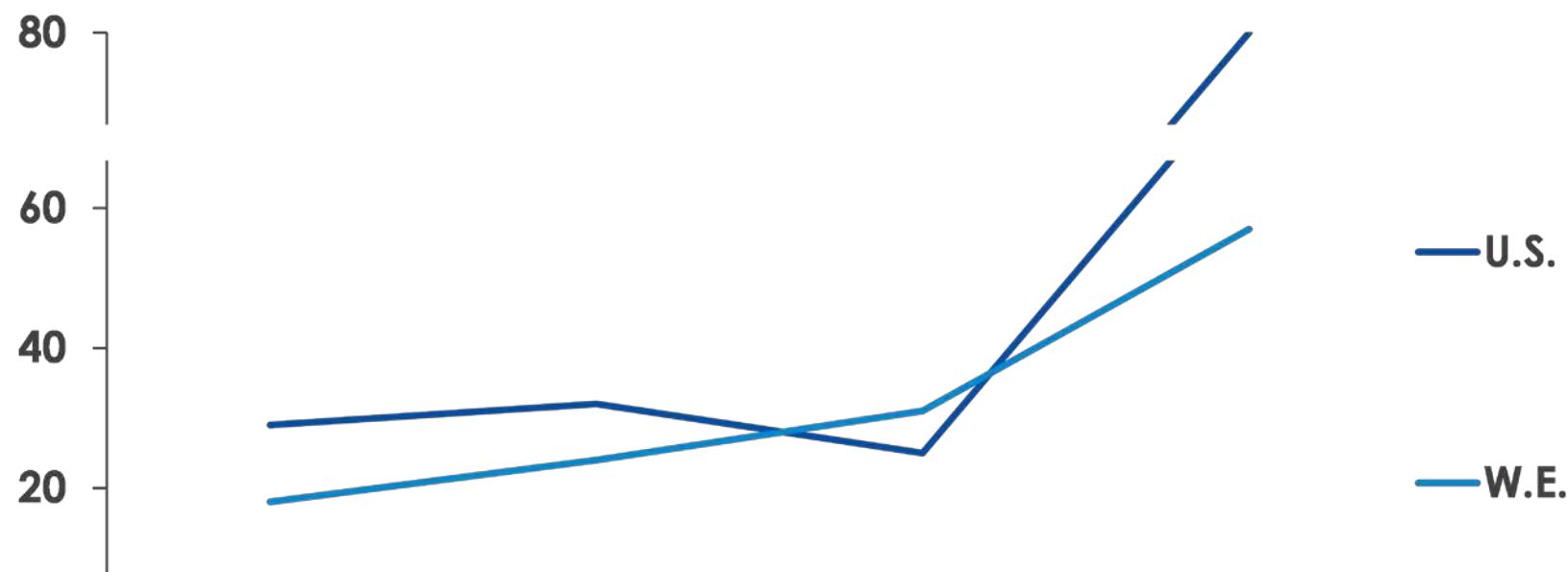


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FUJIFILM
iN^KJET
TECHNOLOGY



B2 format digital print placements

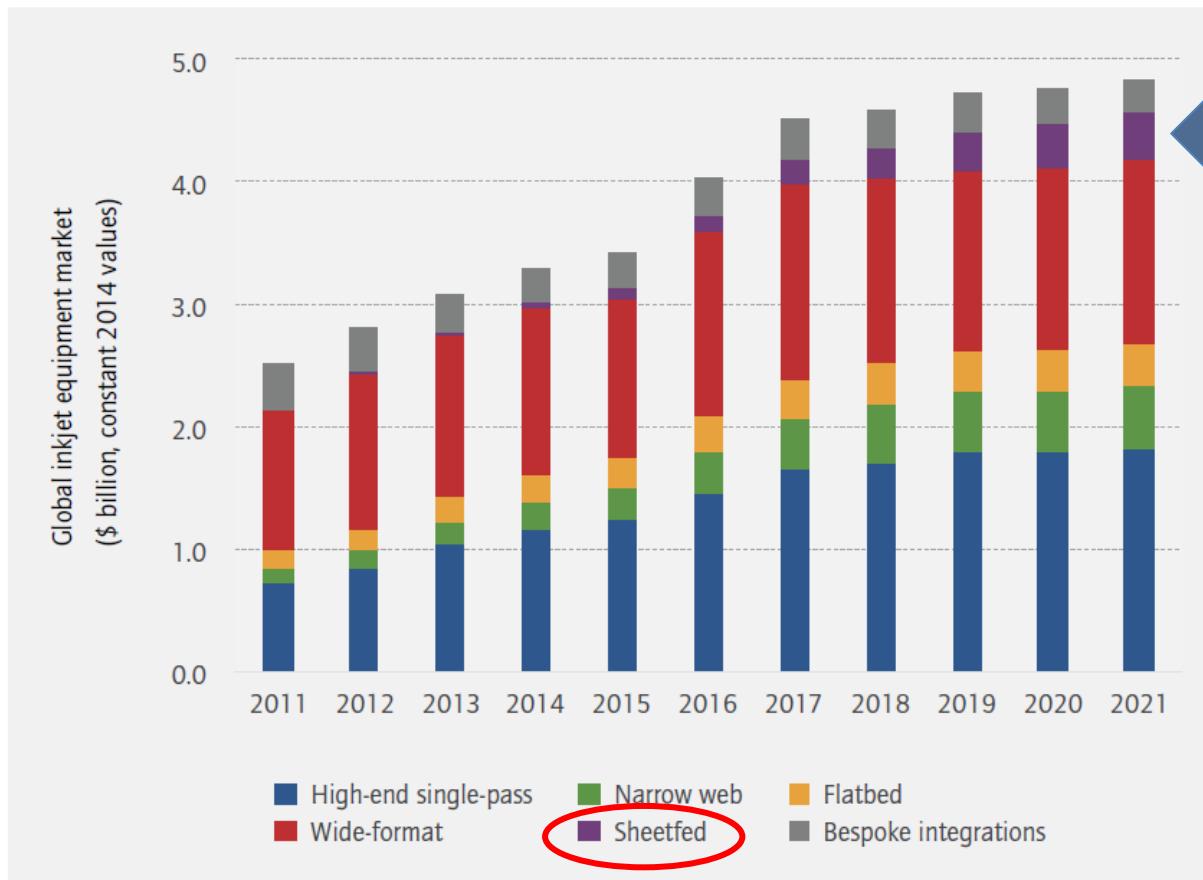


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Sheetfed inkjet usage is on the rise

FIGURE 6.1 Global inkjet equipment by printer type 2011–21 (\$ billion, constant 2014 values)



Sheetfed forecast to be the fastest growing inkjet sector.
CAGR 23.9% from 2017-21

Source: Smithers Pira



Jet Press 720S



Proven

Ultra high quality

Productive

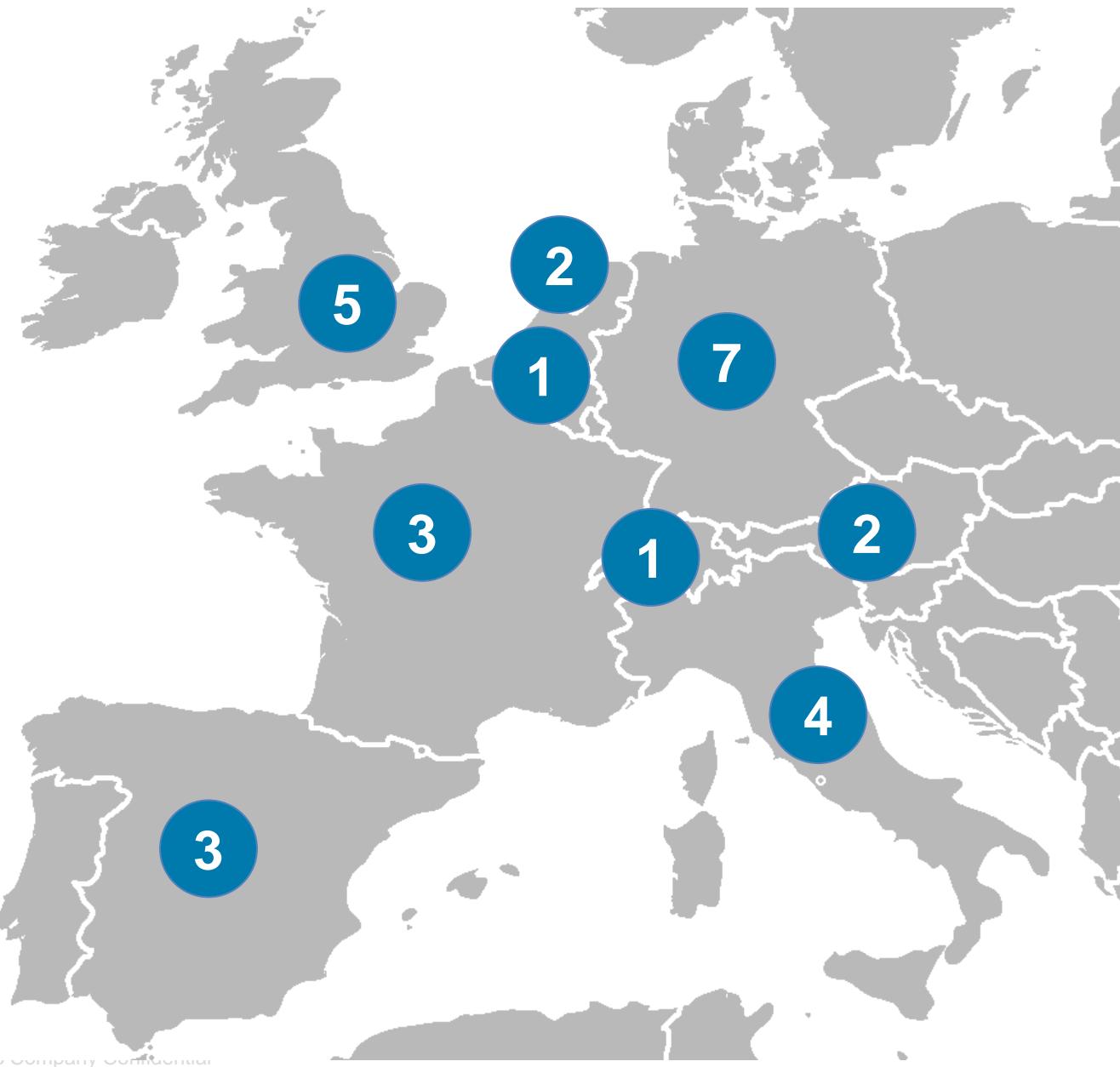
Versatile

Profitable

PROVEN

Jet Press 720S Customer Sites





**28 European
customer sites**



**ULTRA HIGH
QUALITY**



Ultra smooth gradients

100%



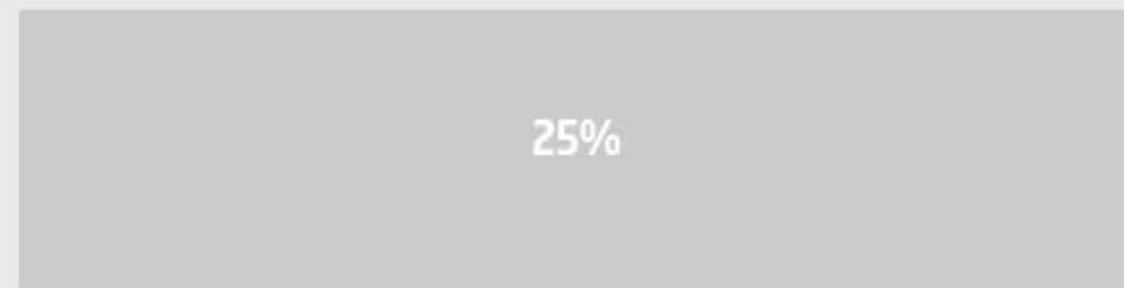
Perfect black tints

100%

75%

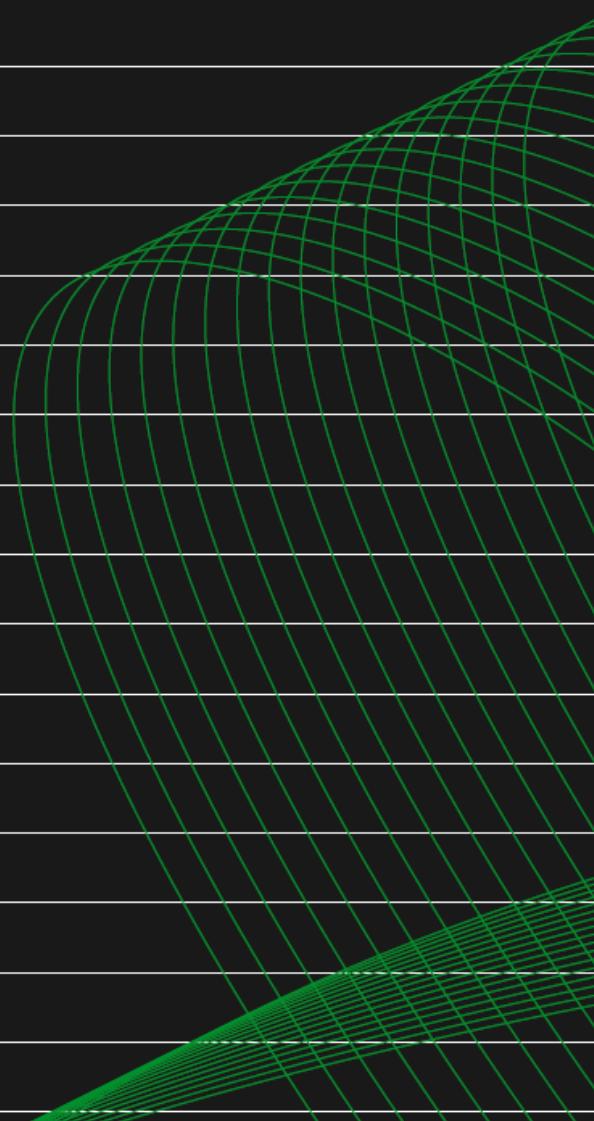


50%



25%

Ultra fine linework

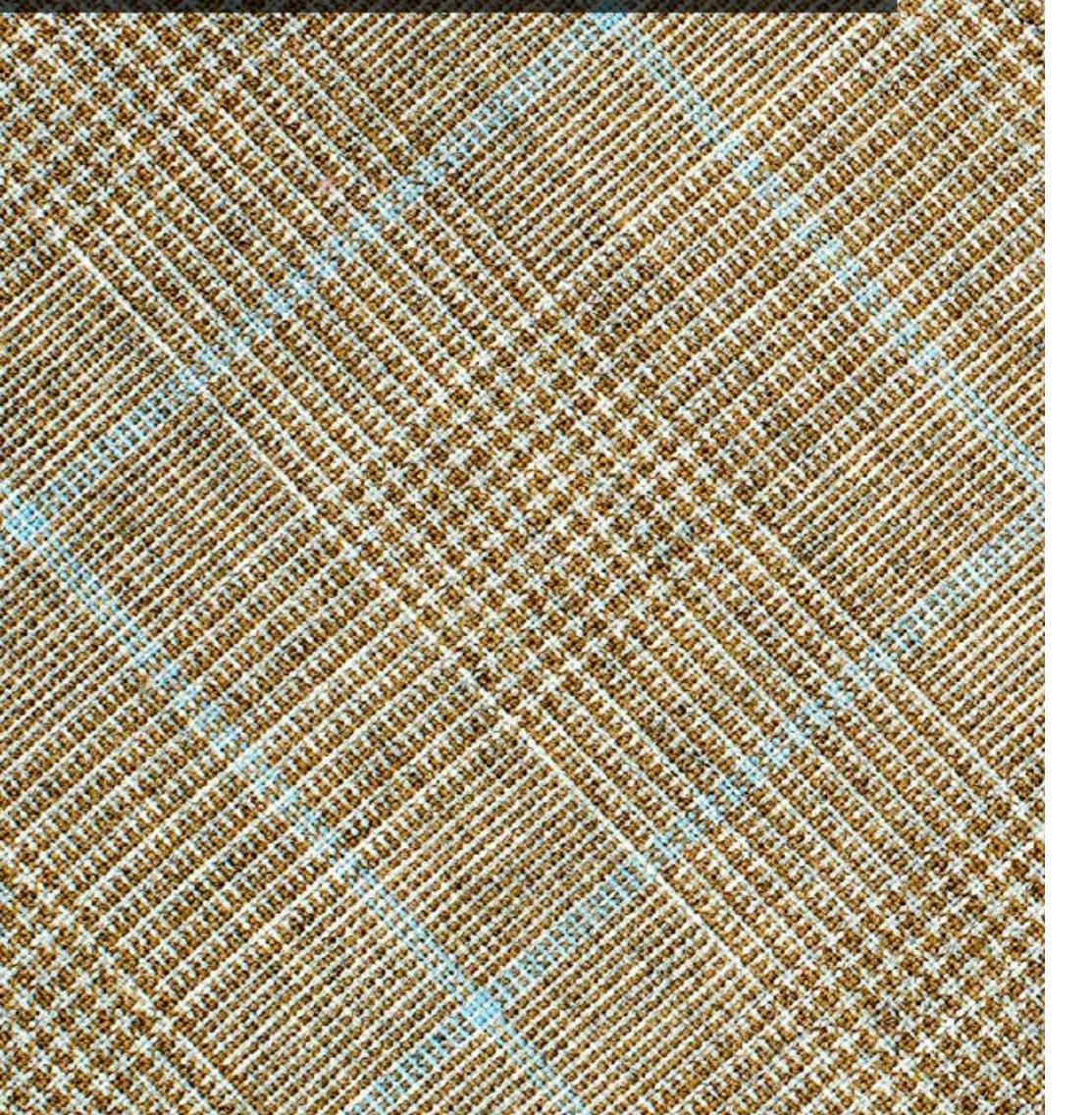


SMALL

BIG

Eliminate moiré

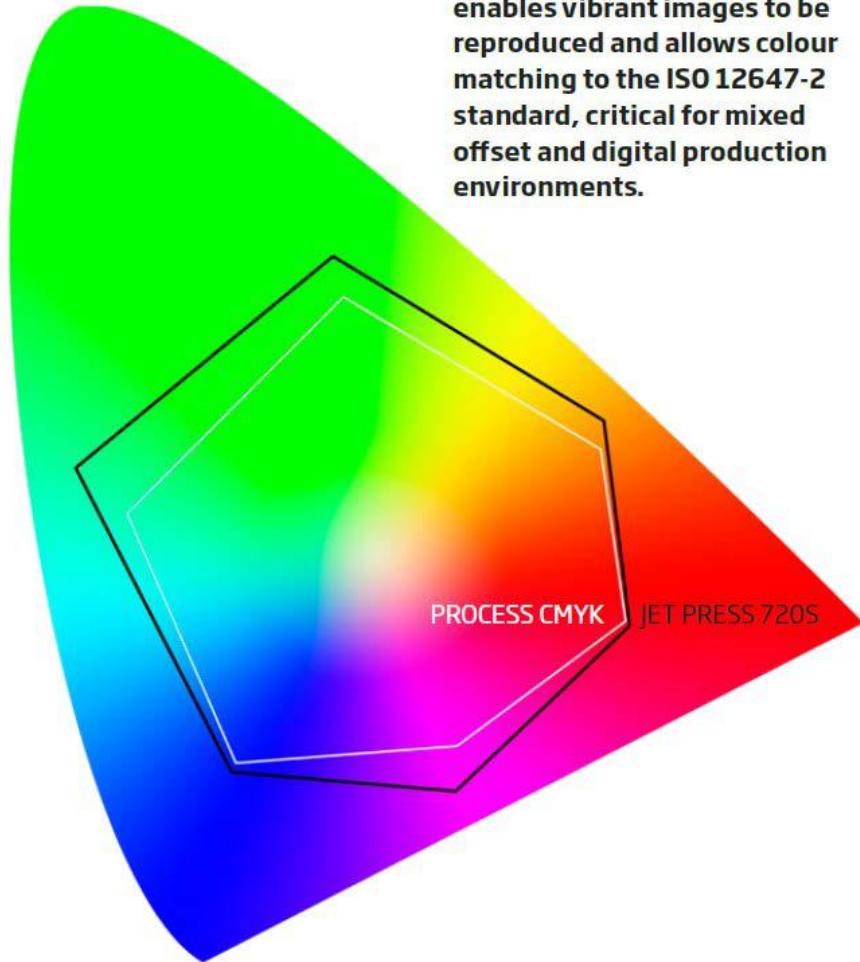
The Jet Press 720S takes advantage of the unique Fujifilm FM screening algorithms that eliminate moiré.



Pin sharp text quality

natempore reptat. Sam qui te venimetus adistis et voluptus rem lant voluptatem am quia quam incito te illegens prae mi, sim ex ethilicu cusandi gnatemquint vere eos estiur, quam, et ant. Suntis et res eatein ner, que quare autem quid explique dolorpo rectecusam illore, torpore dendrit as doloria dolor assimiliqui comming orporro iditiam dirtsquaret venesci arubibus sam harum voloro cus, nsonsed earis doluprat. Ga. Ebis apstl ullorū la nō es evendebis molest illibis, quas videsi mollabo. Nem delicit lam, si magni ssumpor restoris coner, ut offcimius dolupa tisritum lacerum sitaque lit aut et re nestis, velemt as doloratent volutem nimis miliqui diplicia re illispla asplicie elische voles doluprate nimprompo berorepel erferatum quo eatibus. 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Officit aur eum sequas relur, serrum et que et quialda vel ipsusapilis que simus dolupr ate dolorrovid quam ipsam dolorem quam et vendis illam ultim ratur magnatas post auda sitiae dolupratil quid maxim repe rem que velesci voluprasit mostium dolore cus, ulparbus volo moma veruprat res volobisit consegi sa que omolup tatato con pedio cus es doluprat modi doluprasid est, con conseque dolicul lupasit evendes torecibus. Mus et aut voluptrat imo his nis sequam aut aur volvolempres et libeat ad quodit omir et priaetai optae eosam aut prepeleant qui volo etquid ut volupra tliquidem noner volupta tiaspel iminist oreprerf umquoc occulab id nonsequit sit venem dolupra tquas. Nam, cui sed magnifil esto ex es rectie dis sum dolupta nus es cusapdet, officia sequi volesti nimim rem il inipompr que ex esti commim lurr ne iat es aboribus dolur expaliam volessitn etur renisitit allie taudauer omniisum exeari temporectum si duntore ioreseque laboribus, od exces senhemque culpa sunt fugitae hulparchit lis non et omolomorum, sa nonsed quinti di aliqe estion retron hitato restum impiora apero dolor laut esto doloris et eliquam et laborumquid quam, que poruprasin perclisqu volo odit incautum aut aur offici niatibeat. Odignis sunt voluptrat volo idicilum qui tem fugit debit pro quint. 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Extended colour gamut



PRODUCTIVE

Eight-hour production schedule

09:00	Equinox company brochure (cover front)	Digital camera poster (front)	Dave White photobook (cover front)	Why Print? (cover front)	High Seas, High Stakes book (cover front)	Taste Belgium book (cover front)	Variable data direct mail (front)	09:41	Dave White photobook (pages front)	Rushton Hall brochure (cover front)	Equinox company brochure (pages front)	10:31	Rushton Hall brochure (pages front)	Why Print? (pages front)	11:54	WaterAid poster (front)	Taste Belgium book (pages front)	WaterAid poster (back)	Taste Belgium book (pages back)	14:01	WaterAid A4 card	Sailing calendar (cover front)	Sailing calendar (pages front)	14:22	Equinox company brochure (cover back)	Digital camera poster (back)	Dave White photobook (cover back)	Why Print? (cover back)	High Seas, High Stakes book (cover back)	Variable data direct mail (back)	15:05	Dave White photobook (page's back)	Equinox company brochure (page's back)	15:47	Rushton Hall brochure (page's back)	Why Print? (page's back)	17:00						
Pages of job printed	2	1	2	2	2	2	2		16	2	24		6	56		1	60	1	60		2	1	6		2	1	2	2	2	16	24		6	56									
Number of copies	200	300	100	100	600	200	1,000		100	300	200		300	100		500	200	500	200		600	100	100		200	300	100	100	600	1,000		100	200		300	100							
Imposition	2 up	1 up	2 up	1 up	2 up	3 up	2 up		2 up	3 up	2 up		3 up	1 up		1 up	3 up	1 up	3 up		4 up	1 up	1 up		2 up	1 up	2 up	1 up	2 up		2 up	2 up		3 up	1 up								
Print method	Straight	Straight	Straight	Straight	Straight	Straight	Straight	Collate	Collate	Straight	Collate		Straight	Collate		Straight	Collate	Straight	Collate		Straight	Straight	Collate		1	1	1	1	1		4	6		1	20								
Offset sections	1	1	1	1	1	1	1		4	1	6		1	28		1	10	1	10		1	1	6		1	1	1	1	1		4	6		1	20								
Paper	Offset silk 300gsm								Offset silk 250gsm							Offset charge and headclean							Offset charge and headclean							Offset charge and headclean							Offset charge and headclean						
Printed sides	100	300	50	100	300	67	500		400	100	1,200		300	2,000		500	2,000	500	2,000		150	100	600		100	300	50	100	300	500		400	1,200		300	2,000							
Print time total (minutes)	2.7	7.2	1.6	2.7	7.2	2.0	11.6		10.4	2.7	27.2		8.2	64.2		12.6	46.4	11.6	46.4		4.8	2.7	13.8		3.7	7.2	1.6	2.7	7.2	11.6		10.4	27.2		8.2	64.2							



The print jobs

52-page, perfect bound company portfolio brochure that would have required 56 plates, 14 press make readies and potentially 1,400 waste sheets if printed offset.

Equinox company brochure

Double-sided B2 retail poster, showcasing ultra-fine text and detail and trimmed to size.

36-page, perfect bound photography portfolio / photobook showcasing ultra-wide colour gamut for hexachrome-type images and ultra-high quality.

Dave White photobook

116-page, larger format, perfect bound coffee table book that would have required over 200 plates, 58 press make readies and potentially over 5,000 wasted sheets if printed offset.

Why Print? coffee table book

Oversized A5, double-sided book cover highlighting the capability of the press for high quality book covers.

Taste Belgium coffee table book

124-page coffee table book highlighting the quality achievable on uncoated paper, which would have required B4 plates, 21 press make readies, and potentially over 2,000 wasted sheets if printed offset.

Variable data direct mail

Simple A4 landscape, 4-page direct mail piece with variable text and images, easily achievable on the jet Press 720S, with a print time of under 24 minutes for 1,000 copies.

Rushton Hall brochure

High quality, 16-page, A5 landscape brochure - perfect for showcasing superb image quality - with 3 up on a B2 sheet, resulting in ultra-efficient digital production.

WaterAid poster

B2 double-sided poster, trimmed and folded into an A4 information sheet and printed on uncoated paper.

WaterAid A4 card

Simple A4 single-sided card, trimmed and folded to A5 and personalised if necessary highlighting the ability of the press to print short run greetings cards.

Sailing calendar

7-page calendar, 2 months to a page, featuring high quality images and ultra-fast production, with personalisation easy to achieve if required.



A day in the life of Jet Press 720S

Jet Press 720S summary

**9,567**

B2 sheets

**18,117**

printed sides

**28**

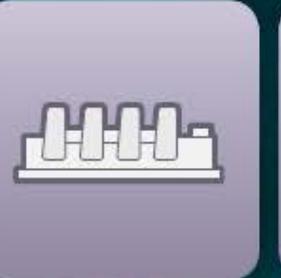
job changes

**430**minutes
print time

Offset equivalent

**488**

plates

**122**press make
readies**12,200**wasted
sheets**Assumes 100 waste sheets per equivalent offset press make ready

VERSATILE



Uses standard offset paper

Prints on coated and uncoated stock
Don't need to use special digital papers

"Traditionally, clients in the packaging industry have doubted the ability of a digital press to match the quality of litho or flexo printing. However, our customers have been hugely impressed with the quality of what we have produced for them using the Jet Press 720S. The Jet Press 720S is now the benchmark platform in this sector."

Mohamed Toual, CEO, Packaging for Professionals



**Folding carton and
canvas printing**

Jet Press 720S folding carton solution with food safe ink



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Jet Press 720S food safe ink and primer

Extract from Statement of Composition

- Compliant with Regulation **(EC) 1935/2004**
- Independently tested and certified as compliant Commission Regulation **(EU) No. 10/2011**
- **GMP (Good Manufacturing Practice)** is installed and implemented as part of Fujifilm's ISO 9001 Standard
- Complies with **Swiss Ordinance 817.023.21** as listed in annex 2 and 10 (lists A and B) - 01.05.2017 edition.
- **(EC) No. 1907/2006 (REACH)** - no with more than 0,1 weight from appendixes XIV and XVII acc. (Reference date: July 2017)
- Independently tested and certified to be compliant with **EN 71-3**.
- Compliant with Regulation **(EU) 528/2012 (Biocide Regulation)**

Availability expected in the second half of 2018

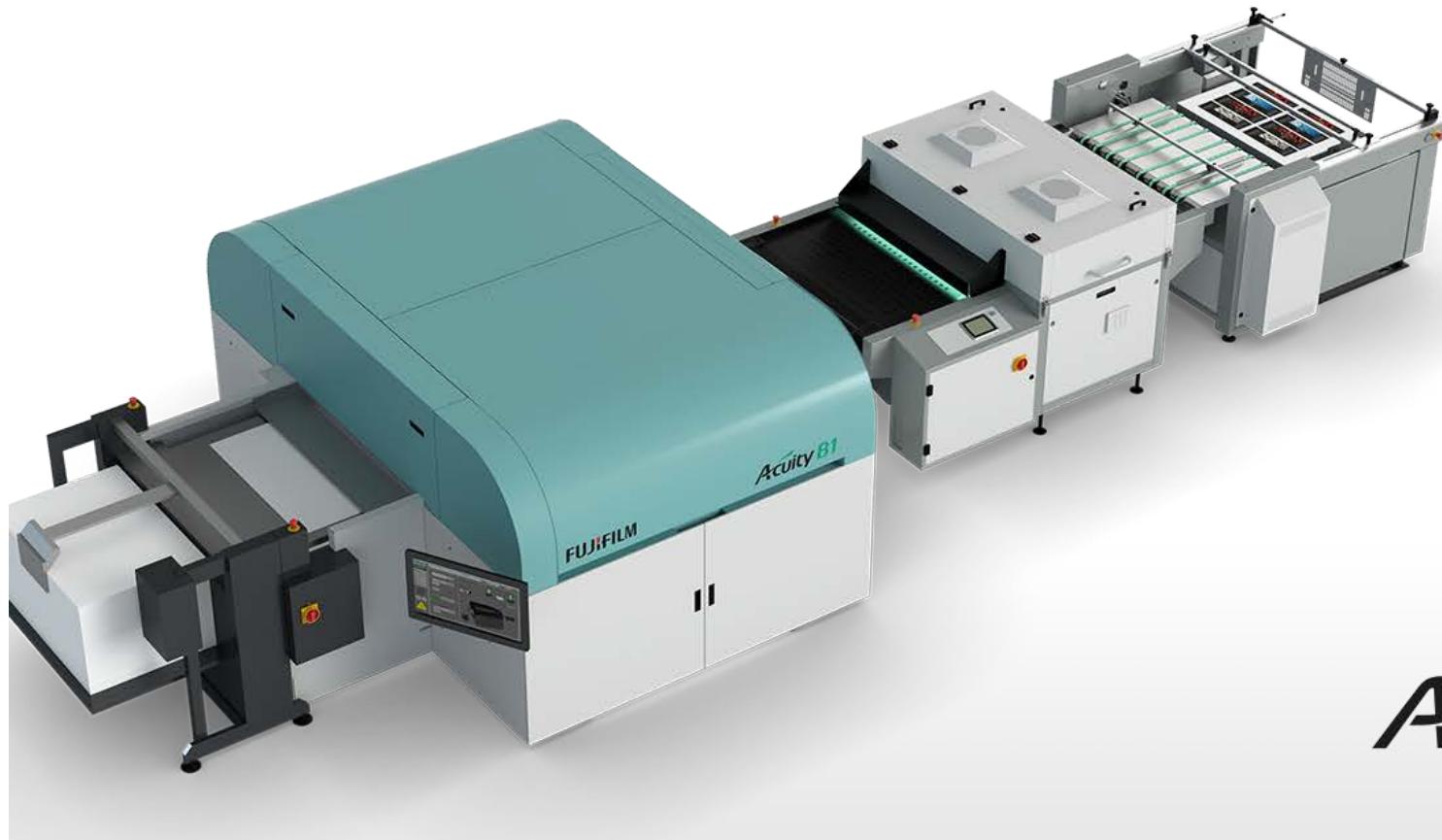
2013 Company Confidential



PROFITABLE



Fujifilm Acuity B1



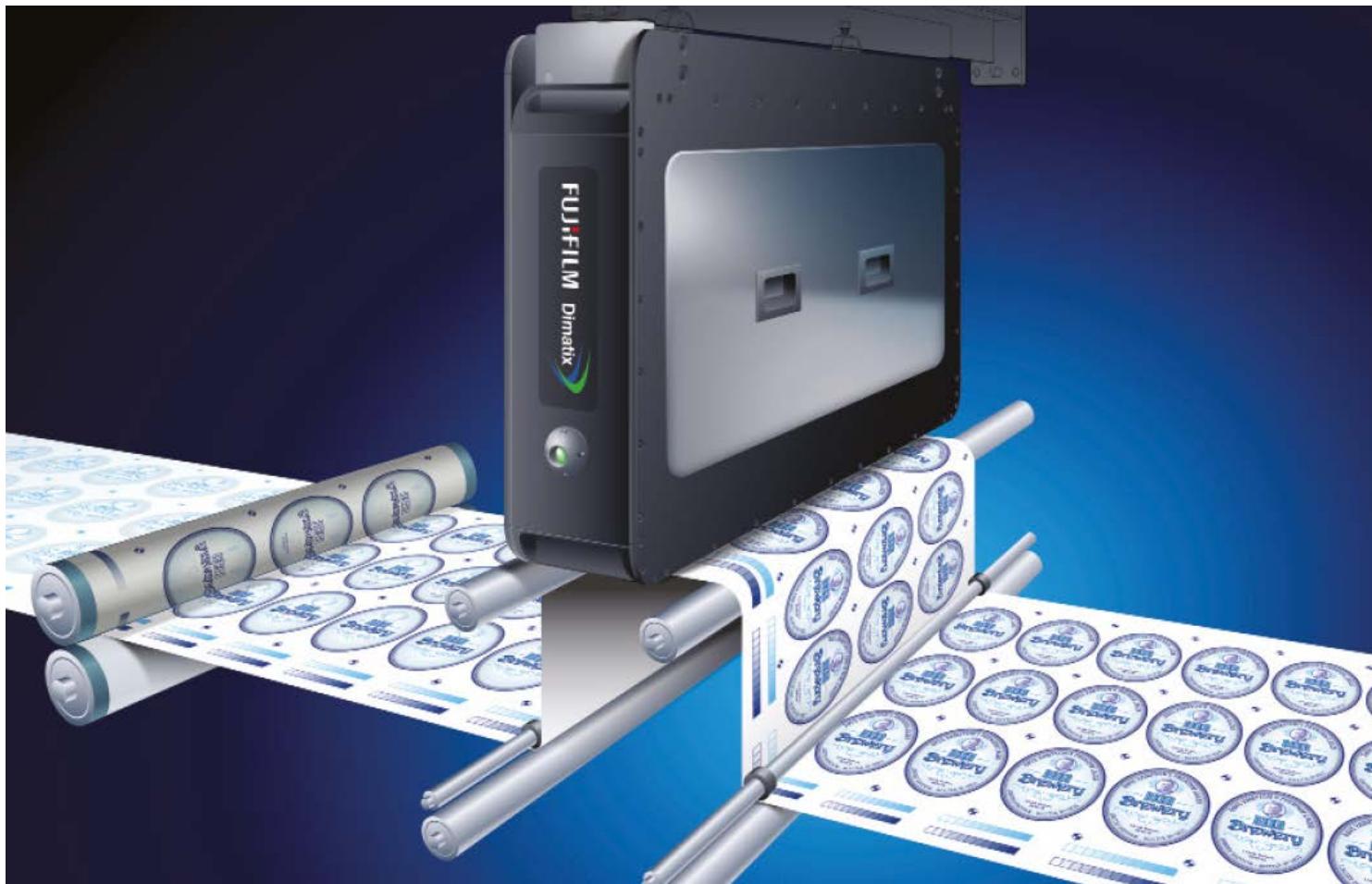
Acuity **B1**

Fujifilm Acuity B1

Imagine the possibilities – Fujifilm's next generation modular print engine

Media	Format	Ink	Quality	Speed	Handling	Colour	Finishing	Applications	
paper plastics glass PETG	board wood metal ?	B2 B1 B0	UV aqueous LED solvent aqueous	5 picolitre 7 picolitre 14 picolitre 27 picolitre	140 sheets/hr 200 sheets/hr 350 sheets/hr 500 sheets/hr	manual robotic auto	stacker only feeder only ?... ?... folding	orange primer lights white ?	advertising lightbox signage commercial industrial POS photo-graphic
						violet green white ?	laminating varnishing die cutting binding ?	advertisingsignage posterpackaging stickers floor graphics calendars ?	
								environmental	

Samba 4200 series imprinting bar



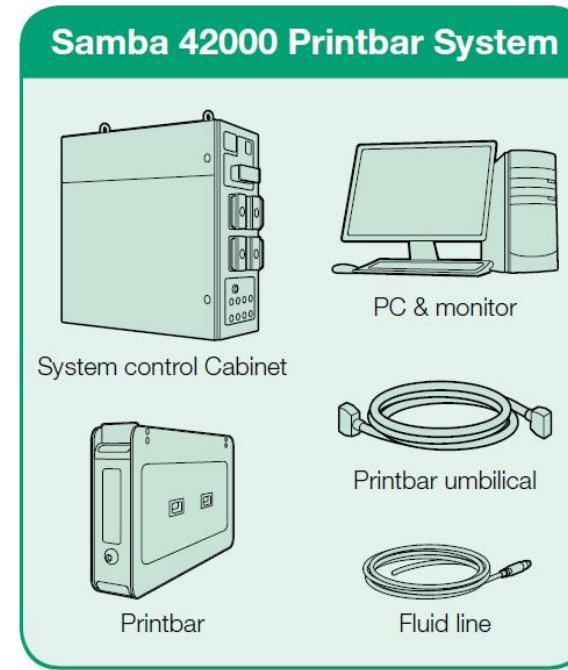
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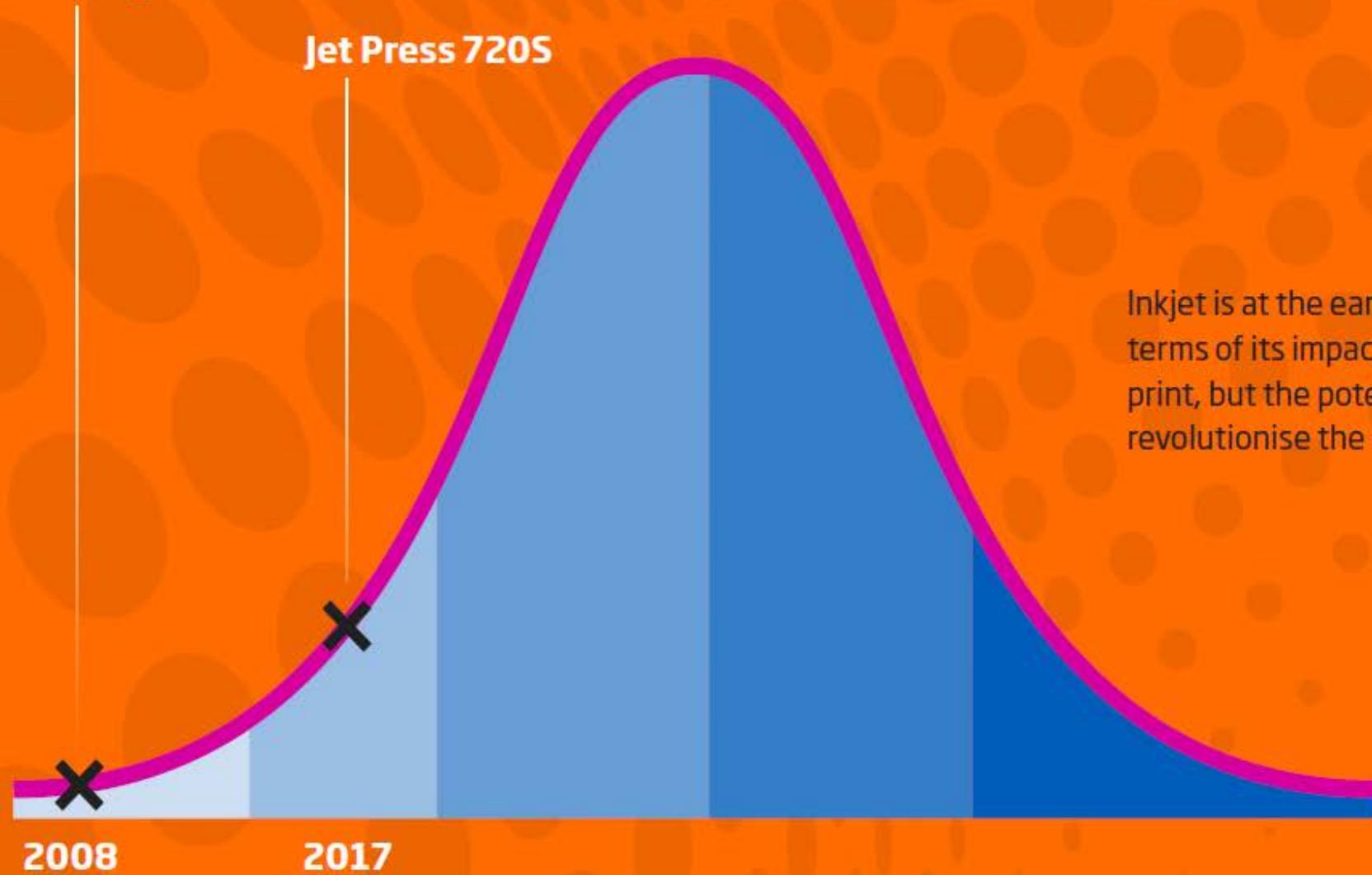
Samba 4200 series imprinting bar

Printbar

Line speed	Up to 90 m/min [300 fpm]
Number of colours	One colour system: black, white, spot colour, varnish
Printbars supported	Single printbar per system
Print width	250 mm, 330 mm, 420mm



The emergence of single pass inkjet technologies



Inkjet is at the early stages in terms of its impact on commercial print, but the potential to revolutionise the industry is huge.

IMAGINE

