



Acuity Advance UV flatbed series

PRODUCT BROCHURE

Outstanding quality UV inkjet
flatbed printers for PoP and
bespoke creative printing

Acuity *Advance*



The all-in-one mid-range flatbed...

*Benchmark Fujifilm
Uvijet UV inks*

*Colour channel options
including white and clear*

Compact footprint

*High resolution greyscale
printheads*

*Powerful instant curing
UV system*

*Dedicated flatbed with
zoned vacuum table*

*Standard and double-
sized bed versions*



It's the ultimate platform for printing on rigid, flexible and even roll media, delivering near-photographic quality images across a diverse range of creative print applications. Acuity Advance printers feature the latest technology to deliver superb performance and are truly affordable with a range of investment and upgrade options.

Flexible production system

- ▶ Industry leading ink performance delivering strong, vibrant images
- ▶ Print on a broad range of rigid and flexible media, materials and objects
- ▶ Superb print quality with a wide range of creative possibilities
- ▶ Consistent results and reliable performance
- ▶ Low ink consumption and economical cost-in-use

...from the leader in wide-format printing



Benchmark performance

The Acuity Advance mid-range flatbed platform has been the industry benchmark for five years, delivering excellent results and proven performance. With thousands of machines installed around the world and continuous product development, the latest models now produce the best results ever.



Award-winning UV inks

Fujifilm was the first company to commercialise UV-curable inks in the wide format inkjet industry. Thanks to a market-leading investment programme, Uvijet inks have been continuously improved and refined to deliver benchmark colour vibrancy and performance.



Experts in colour

When used with Fujifilm's XMF ColorPath colour management system, an Acuity Advance printer using Uvijet KI or KO inks can be calibrated to help achieve consistent colour output (eg. to an ISO standard) across multiple print processes.



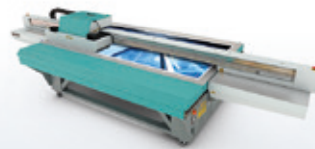
Industry expertise

Through our excellent support infrastructure, Fujifilm provides a world-class service before, during and after installation. Fifty years of wide format experience and application expertise enables us to provide practical advice about printing with Acuity Advance printers.



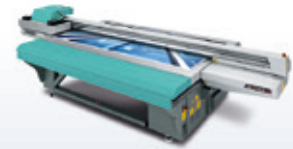
The benchmark printer platform

Around twenty Acuity Advance machine configurations are available to meet a wide range of user needs, but the range is built around two main platforms.



Acuity Advance Select

The most versatile Acuity Advance with up to 8 colour channels, including white and clear options, suitable for a wide range of creative print applications.



Acuity Advance HS

The most productive Acuity Advance with a white ink option, suitable for printers demanding a faster production machine.



▴ Dedicated rigid media handling

Acuity Advance printers are designed for flexibility - a full size vacuum table can handle almost any sheet material. It secures rigid and flexible media and holds it perfectly flat for consistent, high quality print across every sheet.

▾ Roll media option

A compact roll-to-roll unit extends the versatility of Acuity Advance printers. High quality images can be printed on roll media which look great even at close viewing distances.





museum graphics



window graphics



varnish effects



industrial keypads



spot varnishing



package proofing



day/night backlit displays



clear film window graphics

Create it all with Acuity Advance + Uvijet inks

With outstanding image quality and excellent adhesion to a broad range of materials you can produce an amazing variety of printed products for distance and close-viewing.

With an Acuity Advance and Uvijet UV ink technology you can:

- ▶ Produce point of sale graphics, indoor signage, industrial graphics and product decoration, printing direct to rigid media
- ▶ Print on PVC, polycarbonate, styrene, acrylic, paper, board, wood, aluminium composite and many other materials
- ▶ Create proofs for a customer which are identical to the production run
- ▶ Print stunning colour images: greyscale print heads vary dot size to produce high definition and smooth graduations (in skin tones for example). Uvijet UV inks produce vibrant images and enable you to match a wide range of brand and spot colours
- ▶ Use clear ink to add impact using a spot or flood clear with uniform finish (Acuity Advance Select 6 and 8 colour models only)
- ▶ Use white ink to produce images on transparent or coloured materials
- ▶ Print colour-white-colour layers in one pass for two-sided images on transparent materials
- ▶ Print stunning backlit images direct to transparent media

Acuity Advance Select

The Acuity Advance Select platform includes additional features to optimise image quality:

- ▶ Improved image quality uniformity through full print-bed mapping
- ▶ Double strike white capability for extra-high opacity and ultra smooth whites
- ▶ Two additional cyan and magenta colour channels maintain excellent image quality at high print speeds (Acuity Advance Select 8 colour models only)





close view signage



short-term outdoor signage



pop-up and roll-up displays



interior decoration



furniture decoration



cosmetics retail graphics



transparent reverse prints



wood prints



architectural decoration



UV inks engineered by Fujifilm

A wide format inkjet printer is only as good as the ink that fuels it. Manufactured at Fujifilm's award-winning* production facility in the UK, the company's industry-leading Uvijet ink incorporates unique Micro-V ultrafine dispersion technology to maximise pigment loading - delivering strong, vibrant, lightfast colours with superior colour gamut.

With variable drop-size printheads and highly pigmented inks, Acuity Advance printers lay down a thin ink film to minimise production costs.

* Fujifilm's ink manufacturing plant in Broadstairs, UK, won the "Best Process Plant" award in the UK Best Factory Awards 2011.



special effect materials



object decoration



art presentation



industrial applications



Designed for your production environment

Space isn't a problem. Acuity Advance printers are built to fit into the tightest production spaces and their open design give you flexibility in the way you work with media in your workspace:

- ▶ Compact footprint and accessible working zones
- ▶ Dedicated flatbed design
- ▶ Available in two bed sizes
- ▶ Set up rigid materials while printing on the roll unit
- ▶ Quick change between rigid and flexible media jobs

Zoned vacuum flatbed

The vacuum table is dedicated to rigid media handling. It is a robust worksurface which holds materials perfectly flat for printing with pin-point precision even if you want to print the same sheet more than once.

- ▶ Edge to edge printing
- ▶ Print over the same sheet multiple times with perfect registration
- ▶ 6 dedicated vacuum zones tailored to common media sizes reduces the amount of bed masking required (Acuity Advance Select models only)
- ▶ Adjustable vacuum strength to provide optimum handling for different materials
- ▶ Simple switching between print modes and materials



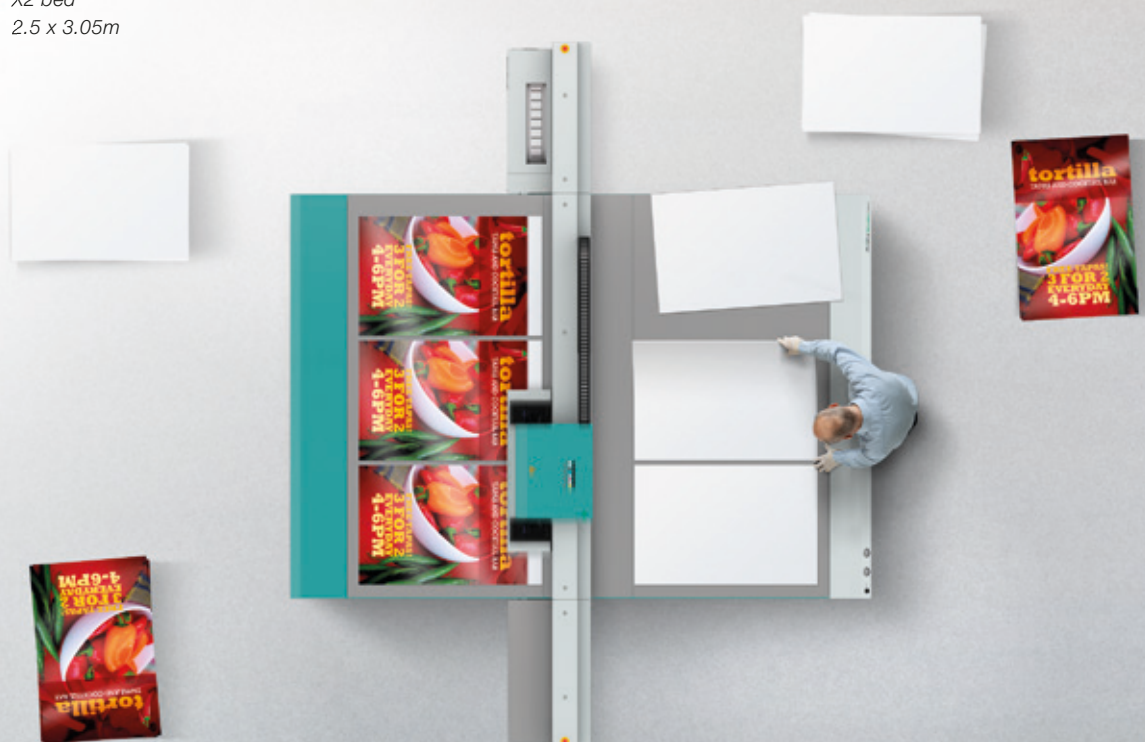
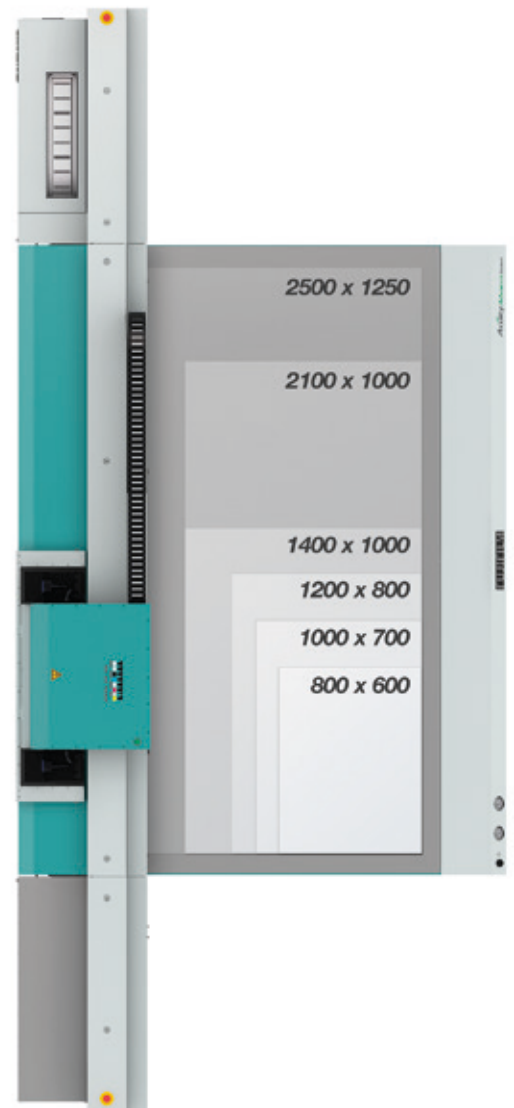
Standard bed
1.25 x 2.5m



X2 bed
2.5 x 3.05m

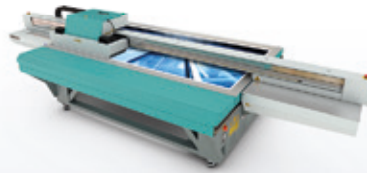
Non-stop production with X2

The double size print bed on X2 models has dual registration points which enable you to print at one end whilst setting up at the other, for uninterrupted production. It also enables you to print large images up to 2.5 x 3.05m.



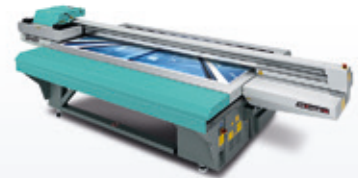


Acuity Advance series overview



Acuity Advance Select

The most *versatile* Acuity Advance with up to 8 colour channels



Acuity Advance HS

The most *productive* Acuity Advance with up to 5 colour channels

	4 channel	6 channel	8 channel	4 channel	5 channel
Maximum print speed (m ² /hr)	35	35	35	66	66
Image quality	★★★★★	★★★★★	★★★★★	★★★★	★★★★
Double bed X2 version	●	●	●	●	●
Roll media option	●	●	●	●	●
Modular upgrade path	●	●		●	
Vacuum zones	6	6	6	3	3
Full-bed mapping	●	●	●		
Clear inks option		●	●		
White ink option		●	●		●
Double white capability		●	●		
Enhanced productivity modes			●		

Acuity Advance Select

ACUITY ADVANCE HS

Not ready for a dedicated flatbed?

Acuity LED 1600

If you want the benefits and performance of printing with UV, but don't want to invest in a dedicated flatbed, consider the Acuity LED 1600.

It is an outstanding roll printer with rigid material capability, produces near photographic quality images at production speeds and has white and clear inks as standard.

- ▶ Output speeds up to 20m²/hr
- ▶ Low energy consumption LED UV curing system
- ▶ Driven by Fujifilm proprietary technologies - inks, printheads and LED curing system

Acuity LED 1600





Specifications

*RMO: roll media option

		Acuity Advance Select - 4/6/8 channel		Acuity Advance HS	
		HD4004/HD4006/HD4008	HD4224/HD4226/HD4228	HD3545	HD3545 X2
		Standard bed	X2 bed	Standard bed	X2 bed
Rigid media		Max size: 2.5 x 1.25m Max thickness: 50.8mm Max print area: 2.51 x 1.26m Max weight: 34kg/m²	Max size: 2.5 x 3.05m Max thickness: 50.8mm Max print area: 2.51 x 3.06m Max weight: 34kg/m²	Max size: 2.5 x 1.25m Max thickness: 50.8mm Max print area: 2.51 x 1.26m Max weight: 34kg/m²	Max size: 2.5 x 3.05m Max thickness: 50.8mm Max print area: 2.51 x 3.06m Max weight: 34kg/m²
Roll media		Roll width: 0.9 to 2.2m, Maximum print width: 2.19m, Maximum roll weight: 50kg Maximum roll diameter: 240mm, Inside core diameter: 3 inches			
Ink	Type	Fujifilm Uvijet KO and KI series UV curable inks			
	Package	2 litre pouch (cyan, magenta, yellow, black) 1 litre pouch (white, clear)			
	Configuration	4 channel - C/M/Y/K 6 channel - C/M/Y/K + W/W or W/CI 8 channel - C/C/M/M/Y/K + W/W or W/CI		C/M/Y/K W optional	
Printheads		Toshiba Tec CE-2 greyscale, variable drop 6-42pl			
Printing resolution		Image quality is equivalent to 1,200dpi resolution or higher			
Connectivity		10/100/1000 Base-T			
RIP recommendation		ColorGATE Productions server7 Fujifilm Edition			
Operating environment		18-30°C, 30-70% RH non-condensing, 5-10 air changes per hour			
Power requirements		2 x 200 to 240 VAC, 50/60Hz single phase, 16A. Circuit breaker: 16A			
Printer dimensions (W) x (L)		Printer only: 4.66 x 2.0m Printer & RMO¹: 4.66 x 2.3m Height: 1.3m	Printer only: 4.66 x 3.83m Printer & RMO: 4.66 x 4.12m Height: 1.3m	Printer only: 4.4 x 2.0m Printer & RMO: 4.4 x 2.30m Height: 1.23m	Printer only: 4.36 x 3.83m Printer & RMO: 4.36 x 4.12m Height: 1.23m
Printer weight		Printer only: 778kg Printer & RMO: 978kg	Printer only: 1615kg Printer & RMO: 1815kg	Printer only: 525kg Printer & RMO: 725kg	Printer only: 1150kg Printer & RMO: 1350kg

Print modes and speeds

*only on 6 channel models

Mode - m ² /hr	Select - 4 and 6 channel				Select - 8 channel				HS			
	Standard flatbed	Standard roll	X2 flatbed	X2 roll	Standard flatbed	Standard roll	X2 flatbed	X2 roll	Standard flatbed	Standard roll	X2 flatbed	X2 roll
Express	32.8	25.6	34.2	25.6	32.8	25.6	34.2	25.6	61	50.4	65.9	50.4
Production Squared	-	-	-	-	24.5	18.8	25.3	18.8	-	-	-	-
Production	20.3	16.9	21	16.9	-	-	-	-	40.2	30.4	42.9	30.4
Production Smooth	-	-	-	-	20.3	16.9	21	16.9	-	-	-	-
Quality	14	11.6	14.4	11.6	14	11.6	14.4	11.6	28.4	21.4	30.2	21.4
Quality Density	7.8	6.5	8.1	6.5	7.8	6.5	8.1	6.5	16.4	11.7	16.4	11.7
Quality Smooth	-	-	-	-	-	-	-	-	16.4	11.7	16.4	11.7
Fine Art	11.3	9.4	11.7	9.4	11.3	9.4	11.7	9.4	22.7	17	24	17
High Definition	5.9	5.2	6.1	5.2	5.9	5.2	6.1	5.2	-	-	-	-
Quality Layered (white) 2 layer	7*	5.8*	7.2*	5.8*	7	5.8	7.2	5.8	14.1	10.5	14.9	10.5
Quality Layered (white) 3 layer	4.6*	3.9*	4.8*	3.9*	4.6	3.9	4.8	3.9	9.3	6.9	9.7	6.9
Varnish gloss mode	4*	-	4*	-	4	-	4	-	-	-	-	-

Please contact your local Fujifilm partner or visit www.fujifilm.eu/print

For further information:

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