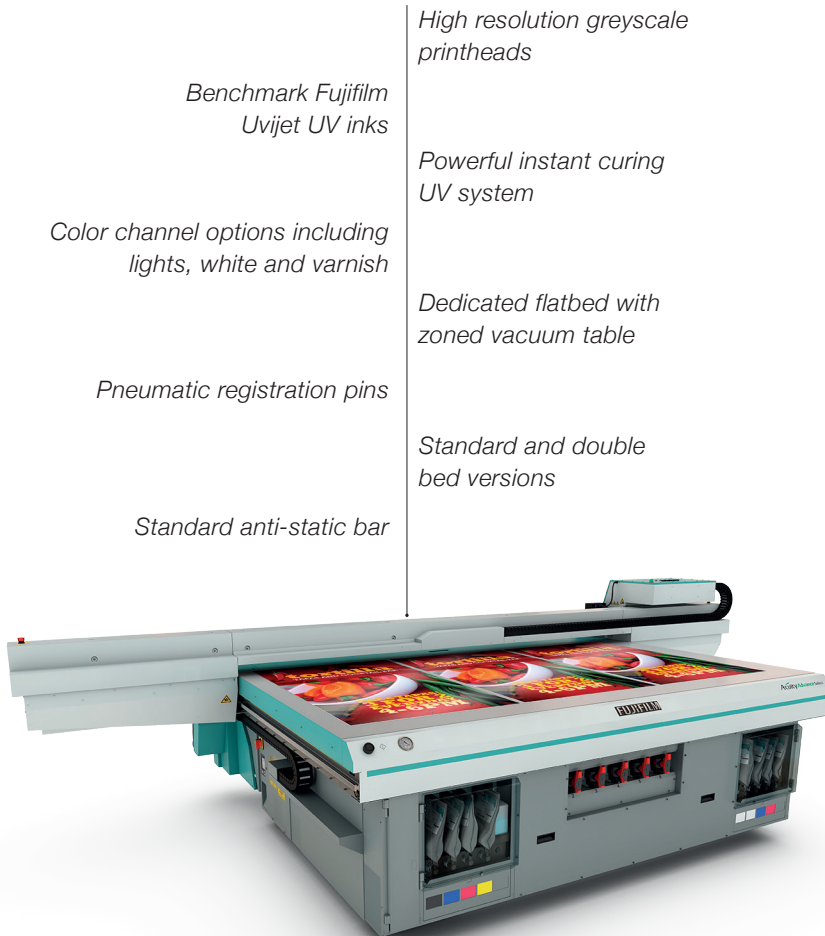# FUJIFILM

ACUITY SERIES

PRODUCT BROCHURE

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

Acuity

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

High resolution greyscale printheads

Benchmark Fujifilm Uvijet UV inks

Powerful instant curing UV system

Color channel options including lights, white and varnish

Dedicated flatbed with zoned vacuum table

Pneumatic registration pins

Standard and double bed versions

Standard anti-static bar

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

Flexible production system

► Application specific ink lines 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 mid-range flatbed platform has been the industry benchmark since 2007, 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 commercialize UV-curable inks in the wide format inkjet industry. Thanks to a market-leading investment program, Uvijet inks have been continuously improved and refined to deliver benchmark color vibrancy and adhesion performance.
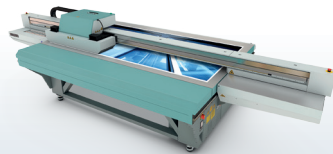
Industry expertise

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

The benchmark printer platform

With nearly twenty Acuity machine configurations available to meet a wide range of user needs from creative to highly productive. The range is built around three main platforms.

Acuity Select 20 series

The most versatile Acuity Select series to date with up to 8 color channels, including lights, white and varnish options, suitable for a wide range of creative print applications.

Acuity Select HS 30 series

The combination of creativity and productivity, the Acuity Select HS now offers 6 or 8 color channels, including lights, white and varnish options, suitable for printers demanding a faster production while still offering creative applications.

Acuity F

The most productive Acuity offering with up to 7 color channels, including lights standard and a white option, suitable for print service providers who need greater capacity while still offering the renowned Acuity quality.
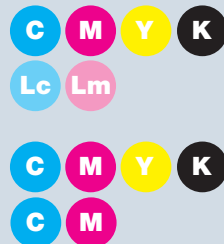
▾ Press color configurations

Acuity Select 24

C M Y K

Acuity Select 26

C M Y K
W W

C M Y K
W V

Acuity Select 26L

C M Y K
Lc Lm

C M Y K
C M

Acuity Select HS 36

C M Y K
W W

C M Y K
W V

Acuity Select HS 36L

C M Y K
Lc Lm

C M Y K
C M

Acuity F66

C M Y K
Lc Lm

Acuity Select 28

C M Y K
Lc Lm W W

C M Y K
C M W W

C M Y K
Lc Lm W V

C M Y K
C M W V

Acuity Select HS 38

C M Y K
Lc Lm W W

C M Y K
C M W W

C M Y K
Lc Lm W V

C M Y K
C M W V

Acuity F67

C M Y K
Lc Lm W

museum graphics

window graphics

varnish effects

industrial keypads

thermoforming

package proofing

day/night backlit displays

clear film window graphics

Create it all with Acuity + 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 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, aluminum composite and many other materials

▶ Create proofs for a customer which are identical to the production run

▶ Print stunning color 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 colors

▶ Use varnish to add impact using a spot or flood varnish with uniform finish (Acuity Select or Acuity Select HS 6 or 8 channel models only)

▶ Use white ink to produce images on transparent or colored materials

▶ Print color-white-color layers in one pass for two-sided images on transparent materials

▶ Print stunning backlit images direct to transparent media

▶ Standard ionizing bar to reduce the effects of static on some synthetic materials

▶ Excellent image quality uniformity through full print-bed mapping

▶ Double strike white capability for extra-high opacity and ultra smooth whites

▶ Two additional full strength cyan and magenta color channels add productivity for enhanced print speeds (Acuity Select or Acuity Select HS 6 or 8 channel models only)

▶ Additional light cyan and magenta color channels add fine art capability to the already industry leading print quality (Acuity Select or Acuity Select HS 6 or 8 channel models only)
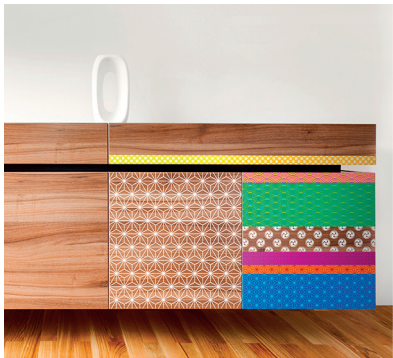
close view signage

short-term outdoor signage

pop-up and roll-up displays

interior decoration

furniture decoration

cosmetics retail graphics

transparent reverse prints

wood prints

architectural decoration

special effect materials

object decoration

art presentation

industrial applications

Roll media option ‣

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

Designed for ease of use

Accurate sheet registration

For fast loading and accurate positioning of sheets, the Acuity series is equipped with pneumatic registration pins.

Repeatable accurate positioning makes it possible to print double-sided sheets in perfect registration, produce large scale images which are tiled over multiple boards, or print continuously in double bed models.

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

▶ Adjustable vacuum strength to provide optimum handling for different materials

▶ Simple switching between print modes and materials

Automatic maintenance

The Acuity platform takes care of the up to 27,000 inkjet nozzles through its Automatic Maintenance System. This reduces the amount of manual cleaning required and the automatic process is clean, more consistent and keeps machine downtime to a minimum. A single color channel quick clean option takes less than 30 seconds. A full cleaning cycle takes just three and a half minutes on an Acuity F. (Standard on Acuity Select HS and Acuity F models, optional on Acuity Select models)

Acuity Select and Acuity Select HS bed options

*Standard bed
49.6 x 98.8"
(1.26 x 2.51 m)*

*Double bed
121.7 x 98.8"
(2.51 x 3.09 m)*

Non-stop production

The optional double bed size on Acuity Select and Acuity Select HS models and standard on Acuity F 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 8' x 10'.
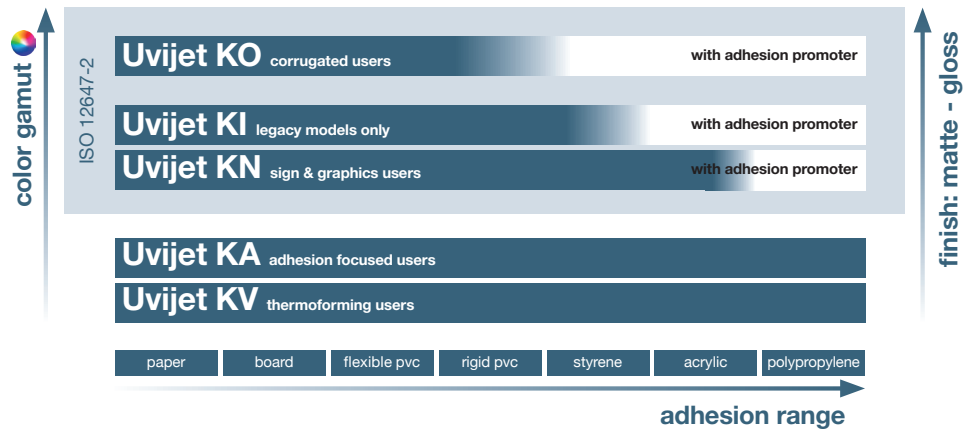
UV inks engineered by Fujifilm

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 maximize pigment loading - delivering strong, vibrant, lightfast colors with superior color gamut, while also carrying the internationally recognized environmental Nordic Ecolabel certification..

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

Fujifilm's ink manufacturing plant in Broadstairs, UK, has won the 'Sustainable Innovation', 'Manufacturing Champions' and 'Best Process Plant' awards over the last four years.
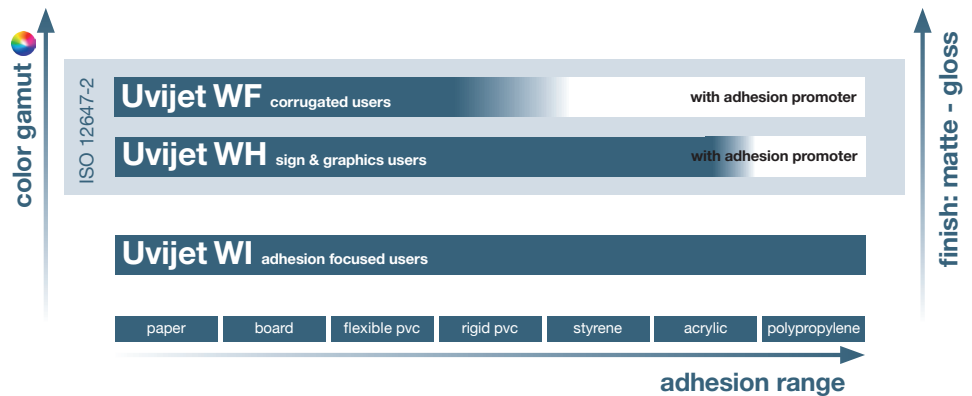
Graphic ink options

Acuity Select / Select HS

Graphic ink options

Acuity F

ACUITY SERIES
UV FLATBED PRINTERS

Channels	Acuity Select			Acuity Select HS		Acuity F	
	4	6	8	6	8	6	7
Maximum print speed (ft²/hr)	377	377	377	691	691	1,667	1,667
Number of print heads	4	6	8	12	16	36	42
Image quality	★★★★★	★★★★★	★★★★★	★★★★	★★★★	★★★★	★★★★
Bed size	49.6 x 98.8	49.6 x 98.8	49.6 x 98.8	49.6 x 98.8	49.6 x 98.8	98.8 x 120.4	98.8 x 120.4
Double bed X2 version	98.8 x 121.7	98.8 x 121.7	98.8 x 121.7	98.8 x 121.7	98.8 x 121.7		
Roll media option	●	●	●	●	●		
Modular upgrade path	●	●		●		●	
Zoned vacuum bed	●	●	●	●	●	●	●
Dual working zones	X20 models	X20 models	X20 models	X30 models	X30 models	●	●
Registration pins	●	●	●	●	●	●	●
Full-bed mapping	●	●	●	●	●	●	●
Light ink option		●	●	●	●	Standard	Standard
Clear ink option		●	●	●	●		
White ink option		●	●	●	●		●
Double white capability		●	●	●	●		●
Enhanced productivity option		●	●	●	●		●
Automatic cleaning system option	●	●	●	Standard	Standard	Standard	Standard
Anti-static bar	●	●	●	●	●	●	●

www.fujifilminkjet.com

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