



Acuity Advance HD 2545 & HD 2545W

The first true hi-res UV flatbed with white option



- ▶ Prints directly onto a wide variety of rigid or flexible media
- ▶ White Ink option allows in-line printing
- ▶ Field upgrade from HD 2545 to HD 2545W (white) possible
- ▶ Roll-to-roll option available
- ▶ Proprietary grayscale UV inkjet heads with drop sizes from 6 to 42 picolitres
- ▶ Compares to conventional printing resolutions of 1440 dpi or higher with true production speed of 22,2 m²/hour
- ▶ Uses FUJIFILM Sericol's Uvijet series inks

▶ The first true hi-res UV flatbed with white option

The **Acuity Advance** offers you the latest breakthrough in wide format UV digital imaging technology. Now 33% faster than previous models, the Acuity Advance is specifically designed for print applications requiring fine detail and high resolution imaging. The Acuity Advance delivers both rigid and flexible point-of-purchase signage that holds up visually, even at the closest of viewings.

The Acuity Advance boasts an optional white ink module that allows white to be used as part of the image content or as an underprint or overprint layer. Unlike many other printers, the white ink can be printed in-line. This allows much greater flexibility in the application of white within a job. But perhaps what is most impressive is the ability for the Acuity Advance to print up to three distinct layers on any given job with bright, opaque Uvijet white ink.

At the heart of the Acuity Advance is imaging technology that allows each print head to produce variable size droplets. This allows the printer to jet droplets as fine as 6 picoliters that produce sharp, crisp images with smoother transitions and quarter tones. Conversely, when jetting larger droplets, the Acuity Advance delivers denser, more uniform solid image areas than competitive presses.

The result is image quality usually only seen at resolutions of 1440 dpi or higher, with crisper, more legible type (as low as 6 pt), smoother skin tones, finer line detail, and the best solid colour coverage of any printer in its class.



► Profit from print

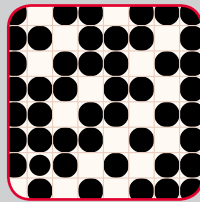
Be a one-stop shop for your customers and provide all they need for their campaigns, including POP, banners, posters, illuminated or rigid signs and much more. The perfect print solution to complete your workflow, even for printing on dark substrates thanks to the white option.



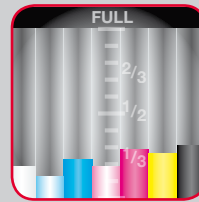
COMPETITOR'S DISADVANTAGES



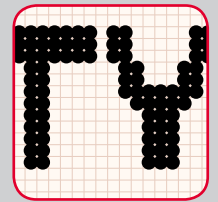
fixed drops



excessive overlap



higher ink usage

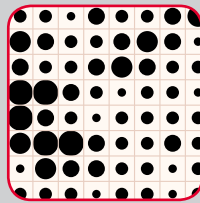


insufficient detail

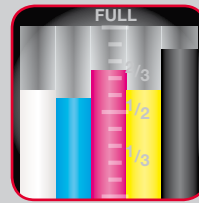
ACUITY ADVANTAGES



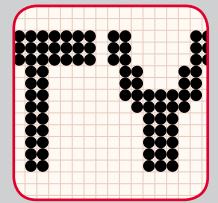
variable drops



efficient quality



35 % less ink usage



superb resolution



Enhanced productivity at every stage of production

The Acuity Advance flatbed and roll-to-roll UV inkjet printer provides near photo realistic quality onto a wide variety of rigid and flexible media. Dedicated flatbed design employs a zoned vacuum table to hold all types of media, including irregularly shaped or uneven surfaced materials. This ensures accurate registration even on multiple passes. In addition, the Acuity Advance prints edge-to-edge, saving time and labour in finishing. The Acuity roll-to-roll option increases the media range even further to include vinyl, paper, backlit film, textiles and PVC banner without effecting the rigid printing option and workflow.

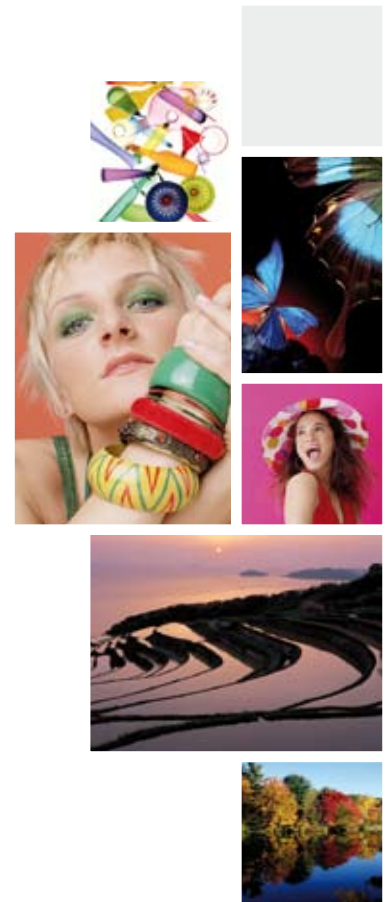
Variable droplet imaging technology

This results in excellent print quality and a superior ink economy over six-colour printing systems. The Acuity Advance can produce droplets of different volumes ranging from 6 to 42 picolitres. This four-colour CMYK system + white uses 35 % less ink than a six-colour system + white and with better or equivalent print results.

Precise printing

The vacuum table holds the rigid media stationary while printing, enabling you to print regular and precut substrates or even unusual items like pre-stretched canvas, doors, ceiling tiles, etc. The micron accuracy of the system allows for perfect double-sided registration or overprinting to increase ink density. This means backlit graphics have the vividness and saturation previously only possible with photographic imaging.

FUJIFILM ACUITY ADVANCE HD 2545 & HD 2545W THE FIRST TRUE HI-RES UV FLATBED WITH WHITE OPTION



Roll-to-roll option

An optional roll-to-roll module can be added in the field, giving customers the ability to print onto flexible media including PVC banner or self-adhesive vinyl without compromising the rigid printing workflow. Once a rigid print is finished, the print head assembly is positioned over the roll-to-roll module and begins printing on flexible media, while the rigid material is swapped out and the new board is placed on the vacuum table and prepared for printing. The modularity of this system protects the customers' initial investment because the roll-to-roll option can be ordered at time of purchase or added in the field.



Ink system

The UV curable ink is packed in two-litre ink bags (white 1 litre) to minimise ink changes. The system includes an intelligent sensor to alert the operator of ink change requirements before actually running out. It also ensures correct ink colour installation. The ink change system takes only seconds to complete with minimum waste and operator intervention.



Optimized print performance using Uvijet UV curing inks

Using FUJIFILM Sericol's unique Micro-V ultrafine dispersion technology to maximise pigment loading, the Uvijet range of UV curing inks delivers strong vibrant, lightfast colours.

- ▶ Environmentally-friendly UV curable process
- ▶ Specifically formulated for the Acuity Advance printer
- ▶ Excellent chemical and abrasion resistance
- ▶ Exceptionally wide adhesion range*

* For certain applications the use of Uvijet adhesion promoters is recommended.

► Specifications

Print Modes and Speeds	Flatbed	Roll-to-roll
Production	22.2 m ² / hour	17.5 m ² / hour
Quality	15.2 m ² / hour	12.0 m ² / hour
Quality Matte	10.9 m ² / hour	8.6 m ² / hour
Quality Density	8.5 m ² / hour	6.7 m ² / hour
White	7.6 m ² / hour	6.0 m ² / hour
Fine Art	12.3 m ² / hour	9.7 m ² / hour
Print Technology	Proprietary Piezoelectric UV inkjet head using variable-dot grayscale imaging technology; CMYK + white with two print heads per colour	
Rigid Media Size	1.25 m wide x 2.5 m long	up to 48 mm thick
Rigid Media Print Area	1.26 m wide x 2.51 m long	(full bleed capability)
Roll Media Width	0.9 to 2.2 m	
Roll Media Print Area	2.19 m maximum	
Roll Diameter	up to 240 mm	
Roll Core Diameter	76.2 mm	
Roll Weight	50 kg maximum	
Resolution	Variable droplet sizes from 6 to 42 picolitres	
Operator Console	Intuitive user interface via user-positioned monitor and mouse stand	
Network	100 Base-T connectivity (minimum)	
FUJIFILM Sericol Uvijet UV Inks	Uvijet KO-series UV curable inks (CMYK 2 litre, white 1 litre)	
Dimensions	Flatbed: 4.1 m wide x 2 m long. Roll-to-roll option 4.1 m wide x 2.3 m long	
Power	200 to 240 VAC, single phase, 16 A	
Environment	18° to 30° C. RH 30%-70% non-condensing	
Weight	473 kg, including the roll-to-roll option: 650 kg	

Please contact your local FUJIFILM partner for further information.

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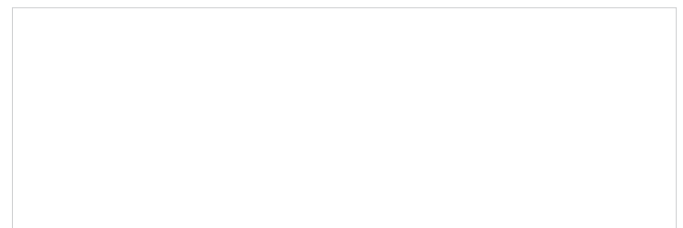
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