FUJIFILM

Acuity Advance UV Flatbed Series

PRODUCT BROCHURE

Near-photographic quality, production inkjet printers

ACUITY ADVANCE

From standard PoP to bespoke, creative printing

Using Fujifilm's award winning Uvijet inks the Acuity Advance series can print on to a broad range of rigid and flexible PoP materials up to 50.8mm thick and the white ink option provides an opportunity to print high value materials like wood, metal, clear and coloured products.

The Acuity Advance series

The Acuity Advance flatbed printer series is a true breakthrough in wide format UV digital imaging technology from Fujifilm, offering the perfect combination of near photographic print quality, production output and investment cost. Acuity Advance printers are truly affordable with a fast pay back.

The series offers a range of investment and print configuration choices to suit all needs. Both the Acuity Advance and the more productive Acuity Advance HS are available with an optional roll unit and in two bed sizes: 1.25 x 2.5m or 2.5 x 3.05m on the X2 models for larger format printing.

Acuity Advance

Acuity Advance X2
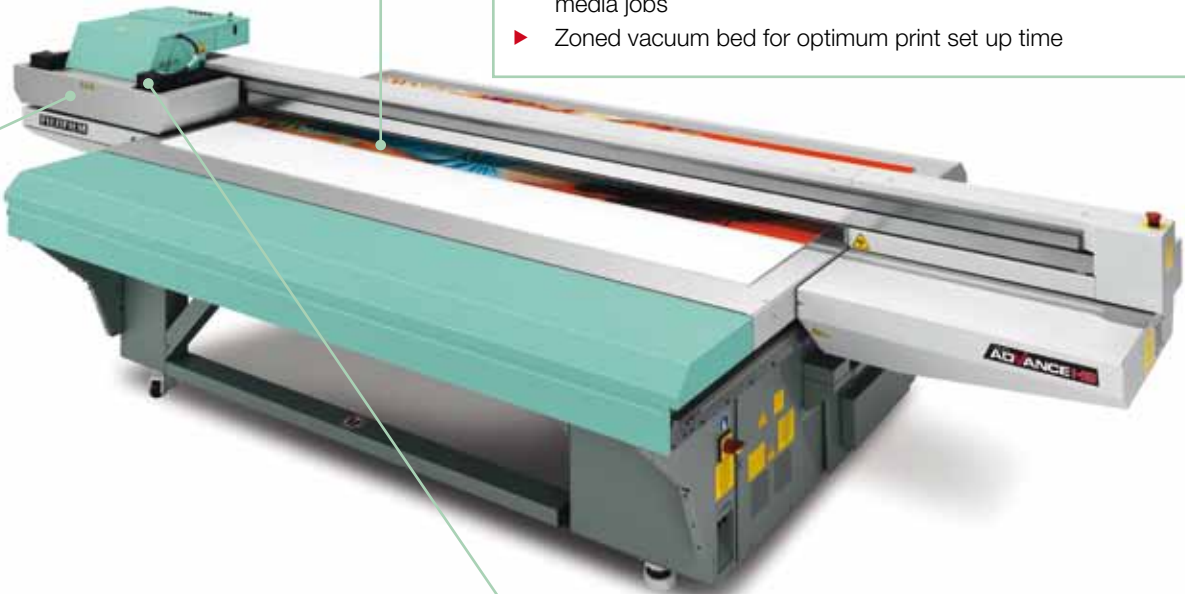
Acuity Advance HS
(shown with optional roll unit)

Acuity Advance HS X2
(shown with optional roll unit)

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Roll-to-roll option

A roll-to-roll unit extends the versatility of the series. High quality images can be printed on flexible media which look excellent even at close viewing distances.

Print speed

- ▶ Up to 43m²/hr production mode, 65m²/hr express mode
- ▶ Compact roll-to-roll unit, quick change between rigid and flexible media jobs
- ▶ Zoned vacuum bed for optimum print set up time

Greyscale print heads

- ▶ High print resolution
- ▶ Drop sizes from 6 to 42 picolitres
- ▶ Low ink consumption

UV curing system

- ▶ Powerful UV curing system for high print speeds
- ▶ Large UV bulbs for maximum printing swath
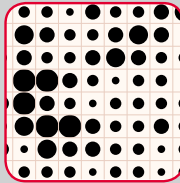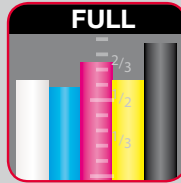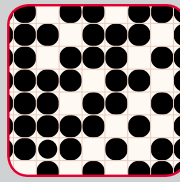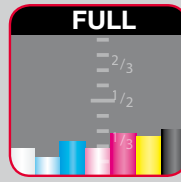- ▶ Low heat output to minimise media impact

Fujifilm's award winning Uvijet inks are a critical component in the production of Acuity's vibrant, high quality, near photographic images. With CMYK inks as standard and a white ink option for in-line printing, highly pigmented inks deliver a broad colour gamut, enabling Acuity to produce a wide range of brand and spot colours.

Proprietary Fujifilm Pro-File software further enhances the colour management potential of Acuity Advance printers with Uvijet ink. Pro-File offers the fastest most reliable inline colour management solution for attaining printed output to the ISO 12467-2 standard. This right first time approach ensures minimum waste, maximum print time and the greatest profit potential.

Higher quality images, lower ink consumption

Acuity uses greyscale print head technology to deliver ink drop sizes from 6 to 42 picolitres. Optimum image quality is achieved by varying the drop size to produce specific tonal ranges, for example smaller drops in light skin tone areas. Also, less ink is used in comparison to six-colour fixed-droplet inkjet technology. This can result in ink savings of up to 35%.

Acuity

| variable drops | smoother graduations | better ink economy | higher resolution |

6-colour binary printer

| fixed drops | coarse graduations | higher ink usage | insufficient detail |

Acuity Advance series - Specifications

	Acuity Advance				Acuity Advance HS			
	HD2565		HD2565 X2		HD3545		HD3545 X2	
	Flatbed	Roll-to-roll	Flatbed	Roll-to-roll	Flatbed	Roll-to-roll	Flatbed	Roll-to-roll
Roll media width	-	0.9m - 2.2m	-	0.9m - 2.2m	-	0.9m - 2.2m	-	0.9m - 2.2m
Roll media print area	-	2.19m maximum	-	2.19m maximum	-	2.19m maximum	-	2.19m maximum
Roll diameter	-	up to 240mm	-	up to 240mm	-	up to 240mm	-	up to 240mm
Roll core diameter	-	76.2mm	-	76.2mm	-	76.2mm	-	76.2mm
Roll weight	-	50kg maximum	-	50kg maximum	-	50kg maximum	-	50kg maximum
Rigid media size (w) x (l)	1.25m x 2.50m	-	2.50m x 3.05m	-	1.25m x 2.50m	-	2.50m x 3.05m	-
Media print area (w) x (l)	1.26m x 2.51m	full bleed capability	2.51m x 3.06m	full bleed capability	1.26m x 2.51m	full bleed capability	2.51m x 3.06m	full bleed capability
Media thickness	up to 48mm	-	up to 48mm	-	up to 50.8mm	-	up to 50.8mm	-
Dimensions (w) x (l)	4.1m x 2.0m	4.1m x 2.30m	4.08m x 3.83m	4.08m x 4.12m	4.4m x 2.0m	4.4m x 2.30m	4.36m x 3.83m	4.36m x 4.12m
Power	200-240 VAC, single phase, 1 x 13A, 1 x 8A		200-240 VAC, single phase, 2 x 13A		200-240 VAC, single phase, 1 x 16A, 1 x 8A		200-240 VAC, single phase, 2 x 16A	
Weight	473kg	650kg	1,150kg	1,350kg	525kg	725kg	1,150kg	1,350kg
Resolution	Variable droplet sizes from 6 to 42 picolitres							
Network	100 Base-T connectivity (minimum)							
Environment	18° to 30° C. RH 30%-70% non-condensing							
Print technology	Proprietary piezoelectric UV inkjet greyscale print head. Two print heads per colour.							
Fujifilm Uvijet ink	Uvijet KI or KO-series UV curable inks (CMYK 2 litre, white 1 litre)							
Colours	Four-colour CMYK system + white option							
Print Modes & Speeds								
Express	35m²/hr	26.1 m²/hr	36.4m²/hr	26.1 m²/hr	61m²/hr	50.4m²/hr	65.9m²/hr	50.4m²/hr
Production	22.2m²/hr	17.5m²/hr	22.9m²/hr	17.5m²/hr	40.2m²/hr	30.4m²/hr	42.9m²/hr	30.4m²/hr
Quality	15.2m²/hr	12.0m²/hr	15.8m²/hr	12.0m²/hr	28.4m²/hr	21.4m²/hr	30.2m²/hr	21.4m²/hr
Fine Art	12.3m²/hr	9.7m²/hr	12.8m²/hr	9.7m²/hr	22.7m²/hr	17m²/hr	24m²/hr	17m²/hr
Quality Matte	10.9m²/hr	8.6m²/hr	10.9m²/hr	8.6m²/hr	-	-	-	-
Quality Density	8.5m²/hr	6.7m²/hr	8.5m²/hr	6.7m²/hr	16.4m²/hr	11.7m²/hr	16.4m²/hr	11.7m²/hr
High Definition	6.6m²/hr	5.9m²/hr	6.8m²/hr	5.9m²/hr	-	-	-	-
Colour + white	7.6m²/hr	6.0m²/hr	7.9m²/hr	6.0m²/hr	14.1m²/h	10.5m²/h	14.9m²/h	10.5m²/h

Please contact Fujifilm for further information

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