



## Acuity Advance UV Flatbed Series

**Near-photographic quality, production inkjet printers**



- ▶ Print directly onto a wide variety of rigid and flexible media
- ▶ Available in two bed sizes: 49.2" x 98.5" or 120.1" x 98.5" for larger format printing
- ▶ Roll-to-roll option available on all models
- ▶ Proprietary high-resolution greyscale print heads with drop sizes from 6 to 42 picoliters
- ▶ CMYK inks as standard, with optional white ink for in-line printing
- ▶ Specially formulated high performance Uvijet inks from Fujifilm



**From standard POP to customized, creative printing**

Using Fujifilm's award winning Uvijet inks. The Acuity Advance series can print on a broad range of rigid POP materials up to 1.89" thick. The white ink option provides an opportunity to print high value materials like wood, metal, clear and colored products.



**The Acuity Advance series**

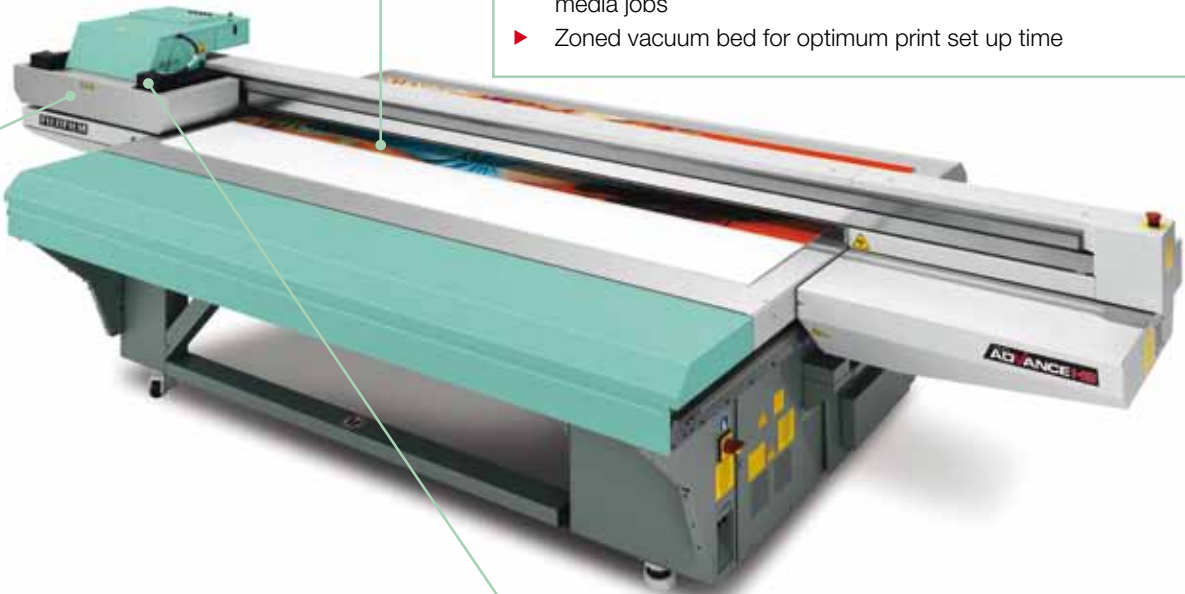
The Acuity Advance flatbed printer series is a true breakthrough in wide format UV digital imaging technology from Fujifilm, offering the perfect combination of near photographic print quality, production output and investment cost. Acuity Advance printers are truly affordable with a fast pay back.

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 a double size X2 print bed version.



**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 462ft.<sup>2</sup>/hr production mode, 709ft.<sup>2</sup>/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 picoliters
- ▶ 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 minimize media impact



Fujifilm's award winning Uvijet inks are a critical component in the production of Acuity's vibrant, high quality, near photographic images. Highly pigmented inks deliver a broad color gamut, enabling Acuity to produce a wide range of brand and spot colors.

The Fujifilm edition of ColorGATE is designed to be the center of your inkjet workflow. Combine an outstanding color management engine with Fujifilm's technical expertise, and you have a recipe for success. Let us show you how Fujifilm and ColorGATE can make a difference to the quality and consistency of the work you produce.

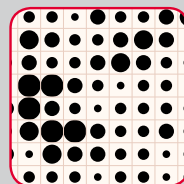
**Higher quality images, lower ink consumption**

Acuity uses greyscale print head technology to deliver ink drop sizes from 6 to 42 picoliters. 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-color fixed-droplet inkjet technology. This can result in ink savings of up to 35%.

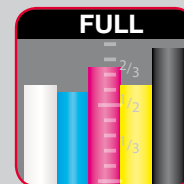
Acuity



variable drops



smoother graduations



better ink economy

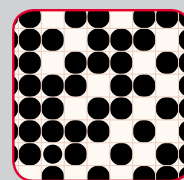


higher resolution

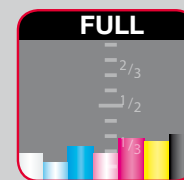
6-color binary printer



fixed drops



coarse graduations



higher ink usage



insufficient detail

# Acuity Advance series - Specifications

	Acuity Series									
	LT		Advance		Advance X2		HS		HSX2	
	Flatbed	Roll-to-roll	Flatbed	Roll-to-roll	Flatbed	Roll-to-roll	Flatbed	Roll-to-roll	Flatbed	Roll-to-roll
<b>Roll media width</b>	-	36"- 86.6"	-	36"- 86.6"	-	36"- 86.6"	-	36"- 86.6"	-	36"- 86.6"
<b>Roll media print area</b>	-	86.2"	-	86.2"	-	86.2"	-	86.2"	-	86.2"
<b>Roll diameter</b>	-	up to 9.45"	-	up to 9.45"	-	up to 9.45"	-	up to 9.45"	-	up to 9.45"
<b>Roll core diameter</b>	-	3"	-	3"	-	3"	-	3"	-	3"
<b>Roll weight</b>	-	up to 110lbs	-	up to 110lbs	-	up to 110lbs	-	up to 110lbs	-	up to 110lbs
<b>Rigid media size (w) x (l)</b>	49.2" x 98.4"	-	49.2" x 98.4"	-	98.4" x 120"	-	49.2" x 98.4"	-	98.4" x 120"	-
<b>Media print area (w) x (l)</b>	49.6" x 98.8"	full bleed capability	49.6" x 98.8"	full bleed capability	98.4" x 120"	full bleed capability	49.6" x 98.8"	full bleed capability	98.4" x 120"	full bleed capability
<b>Media thickness</b>	up to 1.89"	-	up to 1.89"	-	up to 1.89"	-	up to 1.89"	-	up to 1.89"	-
<b>Dimensions (w) x (l)</b>	161.4" x 78.7"	161" x 90.55"	161.4" x 78.7"	161" x 90.55"	170" x 150"	161" x 162.2"	171.6" x 78.6"	171.6" x 90.5"	171.6" x 150"	171.6" x 162"
<b>Power</b>	200-240 VAC, single phase, 16A		200-240 VAC, single phase, 16A		2 separate connections 200-240 VAC, single phase, 2 x 16A		200-240 VAC, single phase, 16A (2 AC power circuits)		2 separate connections 200-240 VAC, single phase, 2 x 16A	
<b>Weight</b>	1,179 lbs	1,598 lbs	1,179 lbs	1,598 lbs	2,421 lbs	2,808 lbs	1,179 lbs	1,598 lbs	2,421 lbs	2,808 lbs
<b>Resolution</b>	Variable droplet sizes from 6 to 42 picoliters									
<b>Network</b>	100 Base-T connectivity (minimum)									
<b>Environment</b>	64° to 86° F. RH 30%-70% non-condensing									
<b>Print technology</b>	Proprietary piezoelectric UV inkjet greyscale print head. Two print heads per color for Advance, X2, HS & HSx2. One head per color for LT.									
<b>Fujifilm Uvijet ink</b>	Uvijet KI or KO-series UV curable inks (CMYK 2 liter, white 1 liter)									
<b>Colors</b>	Four-color CMYK system		Four-color CMYK system + white option							
Print Modes & Speeds										
<b>Express</b>	-	-	377ft <sup>2</sup> /hr	284ft <sup>2</sup> /hr	392ft <sup>2</sup> /hr	284ft <sup>2</sup> /hr	657ft <sup>2</sup> /hr	542ft <sup>2</sup> /hr	709ft <sup>2</sup> /hr	542ft <sup>2</sup> /hr
<b>Production</b>	132 ft <sup>2</sup> /hr	104 ft <sup>2</sup> /hr	237ft <sup>2</sup> /hr	188ft <sup>2</sup> /hr	246ft <sup>2</sup> /hr	188ft <sup>2</sup> /hr	433ft <sup>2</sup> /hr	328ft <sup>2</sup> /hr	462ft <sup>2</sup> /hr	328ft <sup>2</sup> /hr
<b>Quality</b>	91ft <sup>2</sup> /hr	72 ft <sup>2</sup> /hr	165ft <sup>2</sup> /hr	129ft <sup>2</sup> /hr	170ft <sup>2</sup> /hr	129ft <sup>2</sup> /hr	302ft <sup>2</sup> /hr	226ft <sup>2</sup> /hr	325ft <sup>2</sup> /hr	226ft <sup>2</sup> /hr
<b>Fine Art</b>	69 ft <sup>2</sup> /hr	54 ft <sup>2</sup> /hr	132ft <sup>2</sup> /hr	104ft <sup>2</sup> /hr	132ft <sup>2</sup> /hr	104ft <sup>2</sup> /hr	245ft <sup>2</sup> /hr	184ft <sup>2</sup> /hr	258ft <sup>2</sup> /hr	184ft <sup>2</sup> /hr
<b>Quality Matte</b>	-	-	117ft <sup>2</sup> /hr	93ft <sup>2</sup> /hr	117ft <sup>2</sup> /hr	93ft <sup>2</sup> /hr	-	-	-	-
<b>Quality Density</b>	-	-	91ft <sup>2</sup> /hr	72ft <sup>2</sup> /hr	91ft <sup>2</sup> /hr	72ft <sup>2</sup> /hr	171ft <sup>2</sup> /hr	128ft <sup>2</sup> /hr	179ft <sup>2</sup> /hr	126ft <sup>2</sup> /hr
<b>High Definition</b>	-	-	71ft <sup>2</sup> /hr	64ft <sup>2</sup> /hr	73ft <sup>2</sup> /hr	64ft <sup>2</sup> /hr	-	-	-	-
<b>Color + white</b>	-	-	82ft <sup>2</sup> /hr		65ft <sup>2</sup> /hr		159ft <sup>2</sup> /hr	119ft <sup>2</sup> /hr	108ft <sup>2</sup> /hr	74ft <sup>2</sup> /hr

Request Acuity Print Samples

