Acuity EY

From standard PoP to creative printing display graphics

COLORED BY Uvijet

Using Fujifilm's award winning Uvijet inks, the Acuity EY can print on to a broad range of rigid and flexible PoP materials up to 1.89" (48mm) thick. The white ink provides an opportunity to print high value materials like wood, metal, clear and colored products.

The Acuity EY flatbed printer 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 printers robust build quality make them truly affordable with a fast pay back. Acuity EY is available with an optional roll unit.

Print speed

▶ Up to 239 ft^2/hr (22.2m^2/hr) production mode, 377 ft^2/hr (35 m^2/hr) express mode

▶ Compact roll-to-roll unit, quick change between rigid and flexible media jobs
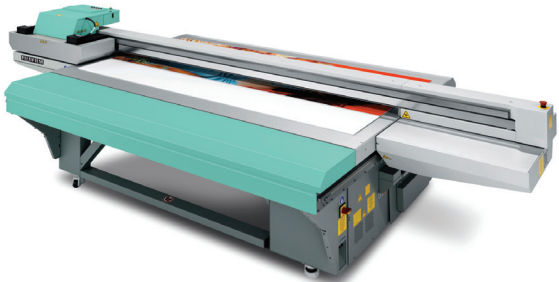
▶ Zoned vacuum bed for optimum print set up time

Greyscale print heads

▶ High print resolution

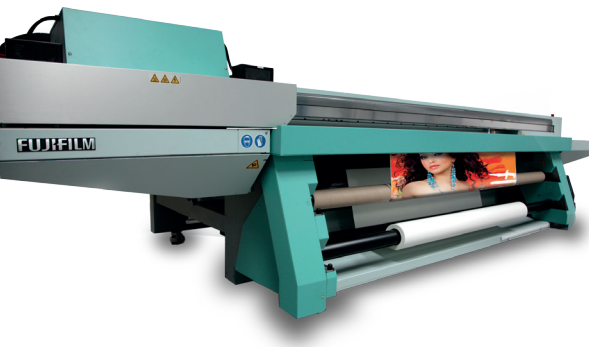▶ Drop sizes from 6 to 42 picoliters

▶ Low ink consumption

UV system

▶ Powerful UV curing system for high print speeds

▶ Low heat lamp output to minimize media impact

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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.

Fujifilm's award winning Uvijet inks are a critical component in the production of Acuity's vibrant, high quality, near photographic images. KI ink is standard for Acuity EY.

Specifications

	Acuity EY	
	Flatbed	**Roll-to-roll**
Roll media width	-	35.4" - 86.6" (0.9m - 2.2m)
Roll media print area	-	86.2" (2.19m maximum)
Roll diameter	-	up to 9.45" (240mm)
Roll core diameter	-	3" (76.2mm)
Roll weight	-	110 lbs (50kg maximum)
Rigid media size (w) x (l)	49.2 x 98.4" (1.25m x 2.50m)	-
Media print area (w) x (l)	49.6 x 98.8" (1.26m x 2.51m)	full bleed capability
Media thickness	up to 1.89" (48mm)	-
Dimensions (w) x (l)	161.4 x 78.7" (4.1m x 2.0m)	161.4 x 90.6" (4.1m x 2.30m)
Power	200-240 VAC, single phase, 1 x 13A, 1 x 8A	
Weight	1,043 lbs (473kg)	1433 lbs (650kg)
Resolution	Variable droplet sizes from 6 to 42 picoliters	
Network	100 Base-T connectivity (minimum)	
Environment	18° to 30°C. RH 30%-70% non-condensing	
Print technology	Proprietary piezoelectric UV inkjet grayscale print head. Two print heads per color.	
Fujifilm Uvijet ink	Uvijet KI or KV UV curable inks (CMYK 2 liter, white 1 liter)	
Colors	Four-color CMYK system + white	

Print modes and speeds

Mode	Flatbed	Roll-to-rol
Express	377 ft^2/hr (35m^2/hr)	284.2 ft^2/hr (26.4 m^2/hr)
Production	239 ft^2/hr (22.2m^2/hr)	188.4 ft^2/hr (17.5m^2/hr)
Quality	164.7 ft^2/hr (15.3m^2/hr)	129.2 ft^2/hr (12.0m^2/hr)
Fine Art	134.5 ft^2/hr (12.5m^2/hr)	104.4 ft^2/hr (9.7m^2/hr)
Quality Matte	117.3 ft^2/hr (10.9m^2/hr)	92.6 ft^2/hr (8.6m^2/hr)
Quality Density	91.5 ft^2/hr (8.5m^2/hr)	72.1 ft^2/hr (6.7m^2/hr)
High Definition	71.0 ft^2/hr (6.6m^2/hr)	63.5 ft^2/hr (5.9m^2/hr)
Color + white	81.8 ft^2/hr (7.6m^2/hr)	64.6 ft^2/hr (6.0m^2/hr)

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