

ACUITY®
ADVANCE HS



Acuity® Advance HS

*High speed photorealistic quality printer
ideal for Graphic Display POP, Sign Shops,
Commercial Photo Labs and Offset Printers*

The Acuity® HS inkjet printer offers stunning quality while printing at production speeds of 433 ft² per hour delivering over a 100 beds in a single shift. The HS also boasts a new express mode that allows it to print over 650 ft² per hour.

The HS builds on the success of the Acuity® Series of inkjet printers by increasing the print speed resulting in performance previously found on much more expensive printers. In addition, HS combines superior print quality with impressive speeds for an outstanding price to performance ratio. Specifically designed for print applications requiring fine detail and high resolution imaging, the HS delivers both rigid and flexible point-of-purchase signage that hold up visually, even at the closest viewing.

The HS comes equipped with a 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 HS to print up to three distinct layers on any given job with rich, opaque Uvijet white ink.

Acuity® HS Printer Features:

- Variable droplet print heads deliver photorealistic quality at 12 beds per hour
- New express mode allows printing over 650 ft²/hr.
- Roll media option makes it a cost effective UV roll solution for printing onto a variety of flexible materials
- A true flatbed printer providing precise registration and edge-to-edge printing which saves time, money and material
- Fujifilm Uvijet CMYK plus white ink delivers more intense, vibrant colors

ENHANCED PRODUCTIVITY AT EVERY STEP OF PRODUCTION

At the heart of the Acuity® HS inkjet printer 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 more detail in highlights and shadows. Conversely, when jetting larger droplets, the HS delivers denser, more uniform solid image areas than competitive presses. The flatbed design of the HS 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. Plus, the HS prints edge-to-edge, saving time and labor in finishing.

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 vinyl 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.

Acuity® Advance HS

PRECISE PRINTING

The vacuum table holds the rigid media stationary while printing, enabling you to print regular and pre-cut 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 for overprinting to increase ink density. This means backlit graphics have the pop and saturation previously only possible with photographic imaging. The flatbed system supports full-bleed printing to a maximum image area of 4' x 8'.

OPTIMIZED PRINT PERFORMANCE USING UVIJET UV CURING INKS

Fujifilm offers two unique ink sets for the Acuity® HS inkjet printer. This allows customers can choose the right ink to suit their specific application requirements. The UV curable ink is packaged in two-liter ink bags to minimize handling and waste. The system includes an intelligent sensor to alert operator to an ink change requirement before running out of ink, as well as ensuring a correct ink color is installed. A quick change ink system takes seconds to complete reducing waste, mess and operator intervention.

Fujifilm Uvijet Inks utilize patented Micro-V dispersion technology to deliver wide adhesion, vibrancy and higher gloss in every print. Uvijet inks cure quickly and adhere to a wide array of substrates.



SPECIFICATIONS:

Print Technology

- Proprietary Piezoelectric UV inkjet head using variable-dot grayscale Imaging technology; 4-color (CMYK) plus white, two print heads per color

Print Format – Rigid

- 49.2" (W) x 98.4" (L) (full bleed capability)

Max. Print Size

- 49.6" (W) x 98.8" (L)

Max. Substrate Thickness

- 1.89" (48 mm)

Print Format – Roll

- 36" to 86.6" wide (86.2" printable)
- Roll Diameter: up to 9.45"
- Core Inner Diameter 3"
- Roll Mass: up to 110 lbs.
- Media Winding Direction (input/output): print side out

Resolution

- Variable droplet sizes from 6 to 30 picoliters

Operator Console

- Intuitive user interface via user positioned monitor and mouse stand

RIP

- ColorGATE Production Server (Fujifilm Edition), Version 6.0 or later
- ONYX ProductionHouse Workflow Software, Version 7.32 or later

Fujifilm Uvijet UV Inks

- KO or KI series UV curable inks (CMYK + W) Packaged in 2 liter sealed bags

Physical Dimensions

- 171.6" (W) x 78.6" (L)

Power

- 50 Hz, 200 to 240 VAC, Single Phase, 16 A
- 60 Hz, 208 to 240 VAC, Single Phase, 16 A
- Two AC power circuits

Network

- 100 Base-T

* Product specifications are subject to change without notice.

Print Modes and Speeds

Speeds are stated in square feet per hour

Mode	Flatbed Speed	RMO Speed
Express	657	542
Production	433	328
Quality	302	226
Fine Art	245	184
Quality Density	171	128
Four Color + White	159	119
Four Color + White (2X)	103	77

Request Acuity
Print Samples



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