

**ACUITY® HS X2**

high resolution, value-based 8' x 10' UV flatbed

**SERICOL**  
More than ink...Solutions™  
**FUJIFILM**

**ACUITY**  
**ADVANCE HS X2**



## Acuity® Advance HS X2

*extra-large flatbed table for oversized  
rigid media at near photographic quality*  
**98" x 120" print area**

The Acuity® Advance HS X2 inkjet printer offers the highest quality output in a wide format UV digital press with a print area over 8' x 10'. Designed for print applications requiring fine detail and high resolution imaging, the new larger print area allows the customer to print on oversized substrate or run dual 4' x 8' boards. This allows the operator to set up on half of the bed while printing on the other half for maximum throughput. Like the rest of the Acuity® inkjet printer series, the HS X2 delivers same high quality on both rigid and flexible substrates, unmatched by any other flatbed printer.

The optional white ink module on the HS X2 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 Advance to print up to three distinct layers on any given job with rich, opaque Uvijet white ink.

At the heart of the Acuity® Advance inkjet printer is imaging technology that allows each print head to produce variable size droplets. This allows the printer to produce sharp, crisp images with smoother transitions and more detail in highlights and shadows.

### Acuity® HS X2 Printer Features:

- 98" x 120" print area & edge to edge printing on rigid substrates
- Bed size allows for two 4' x 8' for optimal productivity
- Optional White Ink option allows in-line printing
- Up to 35% ink savings over 6-color systems
- Near-photographic image quality
- Express mode over 700 ft<sup>2</sup>/hr
- Optional roll-to-roll for printing on flexible substrates

## ENHANCED PRODUCTIVITY AT EVERY STEP OF PRODUCTION

The HS X2 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. Plus, the X2 prints edge-to-edge, saving time and labor in finishing.

## INK SYSTEM

The UV curable ink is packaged in bulk, two-liter ink bags to minimize change out. 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.

## ROLL-TO-ROLL OPTION

The roll media option 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. 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.

## PRECISE PRINTING

# Acuity® Advance HS X2

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 98 inches x 120 inches.

## OPTIMIZED PRINT PERFORMANCE USING UVIJET UV CURING INKS

Fujifilm Sericol Uvijet Inks, specially formulated for the Acuity® Series of inkjet printers, utilize patented Micro-V dispersion technology to deliver wide adhesion, vibrancy and higher gloss in every print. Uvijet inks cure instantly for a wide array of substrates. 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) with two print heads per color

### Print Format – Rigid

- 98.4" (W) x 120" (L) (edge to edge printing)

### 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

### Max. Substrate Thickness

- 1.89" (48 mm)

### 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 6.1 or later
- ONYX ProductionHouse Workflow Software, Version 7.32 or greater

### Sericol Uvijet UV Inks

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

### Physical Dimensions

- 170 (W) x 150" (L)

### Power

- 200 to 240 VAC, single phase, 30A

### 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	709	542
Production	462	328
Quality	325	226
Fine Art	258	184
Quality Density	179	126
Four Color + White	160	113
Four Color + White (2x)	108	74

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