

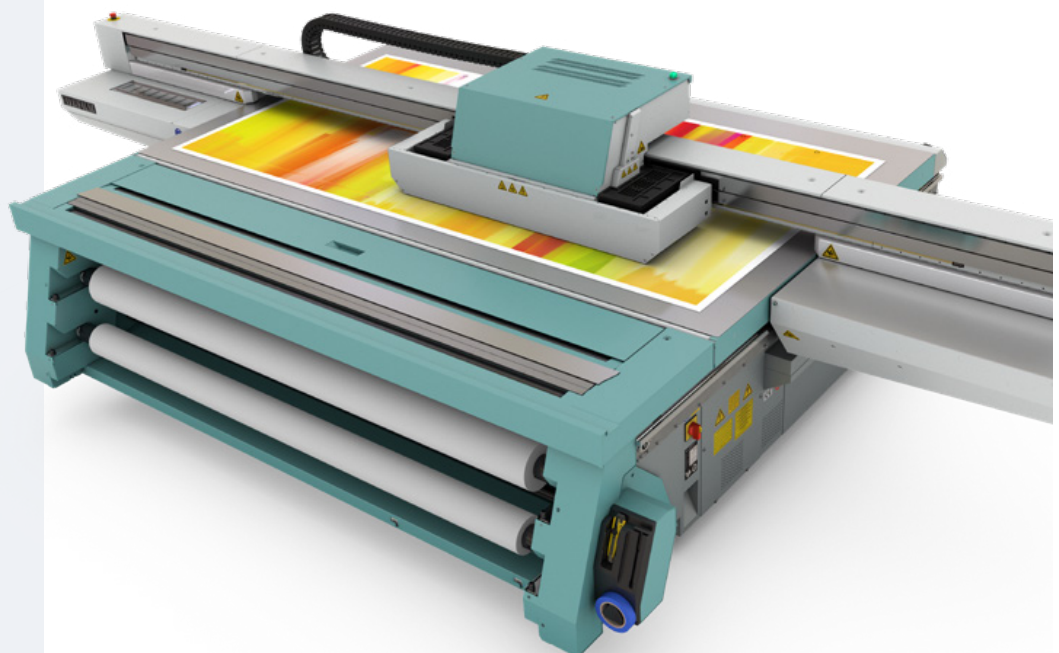
Acuity Select: Overview

The benchmark platform for versatile print production

The ultimate platform for printing on rigid, flexible and roll media, delivering near-photographic quality images across a diverse range of creative applications. Acuity Select printers deliver superb performance and are truly affordable with a range of investment and upgrade options.

Key features

- ▶ Dedicated flatbed design
- ▶ High resolution greyscale printheads
- ▶ Standard (1.25 x 2.5m) and double-sized (3.08 x 2.5m) bed versions
- ▶ Up to 35m²/hr throughput
- ▶ Registration pins
- ▶ Multi-zone vacuum table
- ▶ Roll media option
- ▶ Powerful instant curing UV system
- ▶ Fujifilm Uvijet UV curing inks
- ▶ 4, 6 or 8 colour channels (upgradable)
- ▶ White ink, clear ink, light ink options
- ▶ AMS cleaning system



Acuity Select



Produce a wide range of high value print

A secure investment in proven technology

The Acuity flatbed platform has been the industry benchmark since 2007 with thousands of machines installed worldwide. The latest models use the same robust, dedicated flatbed configuration with the latest inkjet technology and engineering developments to deliver consistent quality and reliable performance.

Produce a wide range of applications

With outstanding image quality and excellent adhesion to a broad range of rigid and flexible media, materials and objects, Acuity Select can produce an amazing variety of printed products for distance and close viewing. The vacuum table can handle almost any sheet material. It secures rigid and flexible media and holds it perfectly flat for high quality print across every sheet.

Expand your business with new applications

The option to print with white and clear inks, and to print directly to interesting materials in perfect registration, enables Acuity Select to produce high value, creative work that could offer opportunities for new revenue. With light inks, Acuity Select can produce high quality fine art or photographic work.

Lower cost of ownership

With variable drop-size printheads and highly pigmented inks, Acuity Select printers lay down a thin ink film, which minimises production costs. Through an excellent service infrastructure, Fujifilm provides world-class support before, during and after installation.



The all-in-one flatbed printer

Dedicated flatbed design with roll option

The dedicated flatbed design ensures accurate registration for edge-to-edge printing and tiling of large layouts over multiple boards, even with multiple print passes. A roll media printing option is available, extending application versatility.

High quality

Greyscale printheads in an in-line configuration combined with full bed mapping deliver near-photographic image quality that is consistent over the whole bed.

Uvijet UV ink technology

Fujifilm's Uvijet ink delivers strong, vibrant, lightfast colours with superior colour gamut. Ink system options are available to suit a range of application needs, even for specialist processes like thermoforming.

Colour channel options

Acuity Select can be configured with either 4, 6 or 8 colour channels. The channels are populated with ink sets that best suit your application needs, including CMYK, light cyan and magenta, white, clear. A double CCMM configuration can be chosen to achieve smooth, high speed prints.

Print mode options

A range of print modes are available to provide different levels of quality and speed, depending on the specific job requirements.

Create it all with Acuity Select and Uvijet inks

Versatile printing

- ▶ Produce point of sale graphics, indoor signage, industrial graphics and product decoration, printing direct to rigid or flexible sheets, objects or pre-cut media
- ▶ Print on PVC, polycarbonate, styrene, acrylic, paper, board, wood, aluminium composite and many other materials
- ▶ Produce borderless prints with little effort
- ▶ Create proofs for a customer that are identical to the production run
- ▶ Use clear ink to add impact using a spot or flood clear with uniform finish
- ▶ Use white ink to produce images on transparent or coloured materials
- ▶ Print colour-white-colour layers in one pass for two-sided images on transparent materials
- ▶ Print stunning backlit images direct to transparent media
- ▶ Print with a double strike white for extra-high opacity
- ▶ Produce fine art or photographic work with light inks

Designed for your production environment

Compact footprint

Acuity Select printers are built to fit into compact spaces and the accessible design gives you flexibility in the way you work around the machine.

Vacuum zones

Dedicated vacuum zones tailored to common media sizes reduce the amount of bed masking required and enable quick media changeover. Adjustable vacuum strength provides optimum handling for different media.

Registration pins

Pneumatic registration pins enable quick, repeatable, easy loading of rigid media in perfect registration.

Static bar

An optional ionising bar reduces the effects of static on some synthetic materials.

Hands-free cleaning

An optional Automatic Maintenance System reduces the amount of manual cleaning required. The automatic process is clean and consistent.

Roll to rigid flexibility

Rigid materials can be setup on the bed whilst printing on the roll unit. Changeover between rigid and flexible media jobs is very fast.

Non-stop production with X2

The double size print bed on X2 models has dual registration points that enable printing at one end whilst setting up at the other, for uninterrupted production. It also enables printing of large sheets up to 2.5 x 3.08m.



Technical specification

| Acuity Select | | Standard bed | X2 bed |
|---------------------------------------|----------------------------|---|---------------------|
| Rigid media | Max size | 1.25 × 2.50m | 3.08 × 2.50m |
| | Max thickness | 50.8mm | 50.8mm |
| | Max print area | 1.26 × 2.51m | 3.09 × 2.51m |
| | Max weight | 34kg/m ² | 34kg/m ² |
| Roll media | Max print width | 2.19m | 2.19m |
| | Roll width | 0.9 - 2.2m | 0.9 - 2.2m |
| | Max roll weight | 50kg | 50kg |
| Ink | Type | Fujifilm Uvijet KO, KN and KV series UV curable inks | |
| | Package | 2 litre pouch (cyan, magenta, yellow, black, light cyan, light magenta) 1 litre pouch (white, clear) | |
| | Configuration | 4 channel - C/M/Y/K 6 channel - C/M/Y/K plus W/W or W/Cl or C/M 8 channel - C/C/M/M/Y/K or C/M/Y/K/Lc/Lm plus W/W or W/Cl (The colour configuration for the 6 channel machines needs to be specified on order) | |
| Printheads | | Toshiba Tec CE-2 greyscale, variable drop 6-42pl | |
| Printing resolution | | Image quality is equivalent to 1,200dpi resolution or higher | |
| Connectivity | | 10/100/1000 Base-T | |
| RIP recommendation | | Caldera V10 ColorGATE Production Suite 9 | |
| Operating environment | | 18-30°C, 30-70% RH non-condensing, 5-10 air changes per hour | |
| Compressed air (supplied by customer) | | Clean, dry, compressed air by use of: Coalescing filter, pressure regulator (set to 100 psi), ¼" OD air tubing - connects regulator to printer Flow requirement standard bed size: Peak flow: 57 l/min. at 690 kPa Flow requirement X2 bed size: Peak flow: 28 l/min. at 690 kPa | |
| Power requirements | | 2 x 200 to 240 VAC, 50/60Hz single phase, 16A. Circuit breaker: 16A | |
| Dimensions (W x L x H) | Printer only | 4.66 × 2.00 × 1.30m | 4.66 × 3.83 × 1.30m |
| | Printer & RMO ¹ | 4.66 × 2.30 × 1.30m | 4.66 × 4.12 × 1.30m |
| Weight | Printer only | 785kg | 1625kg |
| | Printer & RMO ¹ | 960kg | 1800kg |

¹ Roll media option

Print modes and speeds

| Print mode | Acuity Select series models | | | | | | | | | Print speed (m ² /hr) | | |
|---------------------------------|-----------------------------|----------|-----------|------------|----------|----------------|-----------------|--------------|---------------|----------------------------------|------|------|
| | 24 | | 26 | | | 28 | | | | Standard | X2 | Roll |
| | CMYK | CMYK +WW | CMYK +WCI | CMYK +LcLm | CMYK +CM | CMYK +LcLm +WW | CMYK +LcLm +WCI | CMYK +CM +WW | CMYK +CM +WCI | | | |
| Express | • | • | • | • | • | • | • | • | • | 33.6 | 35.0 | 25.6 |
| Production Squared ¹ | | | | | • | | | | • | 25.1 | 26.0 | 18.8 |
| Production Fast ² | | | | • | | • | • | | | 25.1 | 26.0 | 18.8 |
| Production Smooth ¹ | | | | | • | | | | • | 20.4 | 21.1 | 16.9 |
| Production ³ | • | • | • | • | | • | • | | | 20.4 | 21.1 | 16.9 |
| Quality | • | • | • | • | • | • | • | • | • | 14.2 | 14.6 | 11.6 |
| Quality Matte | | | | • | | • | • | | | 10.4 | 10.8 | 8.5 |
| Quality Density | • | • | • | • | • | • | • | • | • | 7.9 | 8.2 | 6.5 |
| Quality Layered (2) | | • | • | | | • | • | • | • | 7.1 | 7.3 | 5.8 |
| Quality Layered (3) | | • | • | | | • | • | • | • | 4.7 | 4.8 | 3.9 |
| Fine Art | • | • | • | • | • | • | • | • | • | 11.6 | 11.9 | 9.4 |
| High Definition | • | • | • | • | • | • | • | • | • | 5.9 | 6.1 | 5.2 |
| Varnish (High Gloss) | | | • | | | | • | | • | ~4.0 | ~5.0 | n/a |

¹ CCMM configuration

² CM configuration

³ Except CCMM configuration

For further information:

Please contact your local Fujifilm partner.

web www.fujifilmacuity.com YouTube [Fujifilm Print](#) Twitter [@FujifilmPrint](#)

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