FUJIFILM
Value from Innovation

Acuity LED 1600 II: Overview

The latest generation of this successful LED UV hybrid printer is now **even faster and more versatile**, with simultaneous colour, white and clear ink printing. Powered by Fujifilm's leading printhead and ink technologies, this is a reliable production machine **built to deliver exceptional results**.

Key features

- Low energy consumption, long life LED lamps (up to 10,000 hours)
- Fujifilm Dimatix Q class industrial printheads
- Excellent productivity up to 33m^2 per hour
- Excellent ink coverage with strong, vibrant colours
- Uvijet LL eight colour ink set to meet a broad range of application needs
- Simultaneous multi-layer printing with colours, white and clear
- Print roll media and rigid sheets

Cost-effective LED UV technology

Acuity LED 1600 II is built to produce exceptional print results in the most environmentally friendly way, with low energy LED UV curing technology. LED lamps consume far less energy than conventional UV and last up to ten times longer so have a positive impact on the total cost of ownership.

Robust build, reliable production

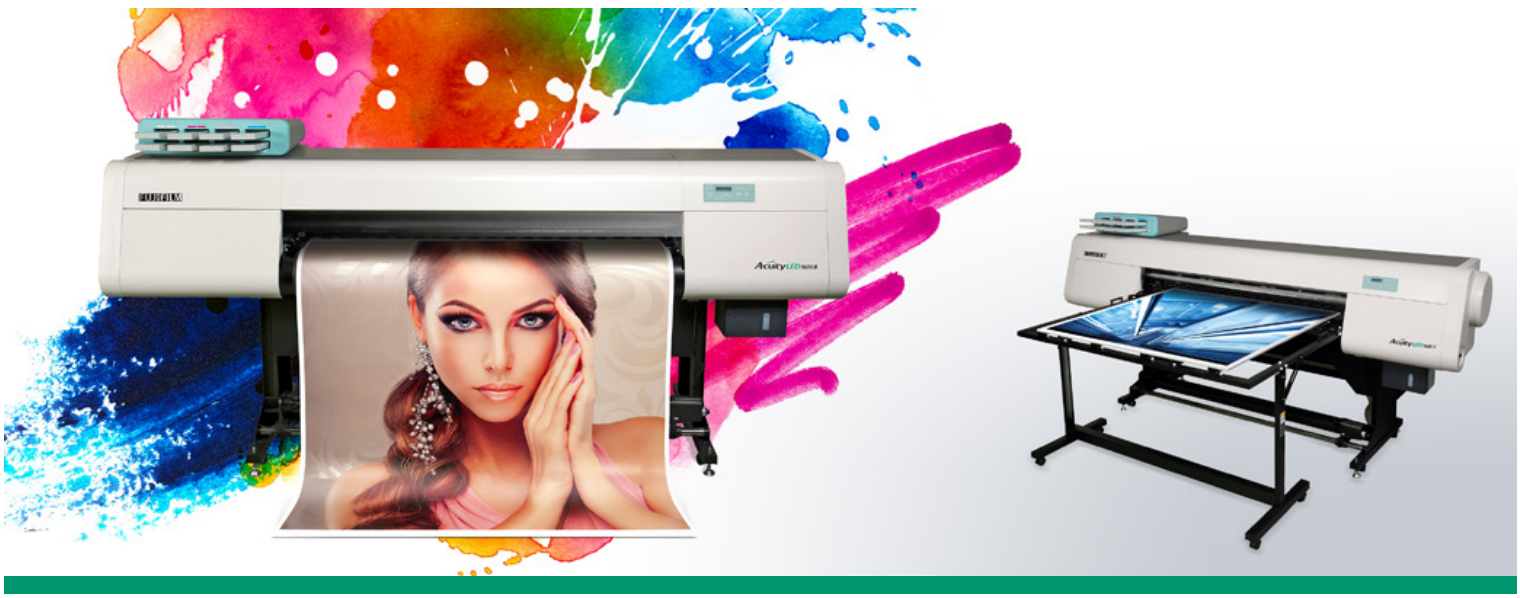
Acuity LED printers are built for continuous printing and some owners even run them 24/7. Fujifilm Dimatix printheads are both precise, fast, and have a track record of long life in print production.

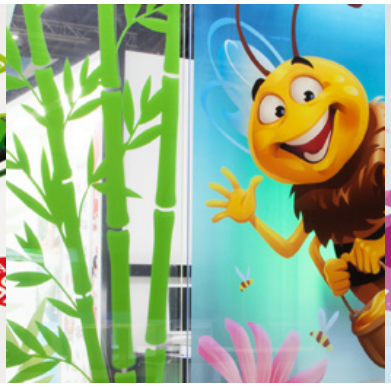
Wide application range

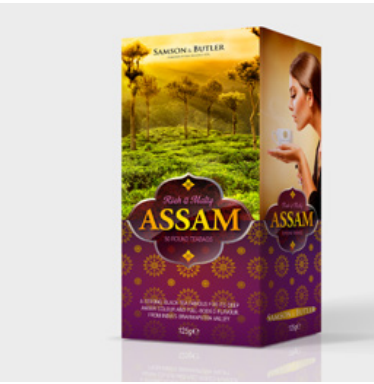
Produce a wide range of applications on roll and rigid materials, including display graphics, signage, decals, environmental graphics and package prototypes. LEDs produce very little heat, which means they can work with heat-sensitive media without deformation. High impact Acuity LED prints can be used with specialist finishing processes to create durable architectural graphics.

Added value, creative printing

Simultaneous two or three-layer printing with colour, white and clear inks provides the ability to produce high value creative prints that can expand your service offer.







Designed for creativity

Near photographic quality images
Achieve smooth tones and outstanding close-up clarity thanks to light inks, variable drop printheads and dot gain control. VersaDrop™ multi-pulse jetting delivers droplets of different sizes according to the definition needed by the image to produce smooth changes in tone.

Print on a wide range of materials
Uvijet inks offer excellent adhesion to a wide range of standard display materials and interesting materials like textured boards, coloured media, mirror board, wood and aluminium composite.

Vibrant colours
Uvijet ink systems are renowned in the industry through Fujifilm's high-productivity wide format printers. Fujifilm's Micro-V ultrafine dispersion production technology produces high pigmentation for strong, vibrant images and a wide colour gamut.

8 colour Uvijet ink set
Includes CMYK, light cyan, light magenta, white and clear inks as standard. Light inks enhance colour reproduction, producing smooth tonal images like skin tones, vignettes and lighter solid colours.

Clear and white ink
Clear ink offers the luxury to highlight or enhance print with high-gloss spot finishes. High density white ink can be used to produce creative effects on clear and coloured media. Colours, white and clear inks can be printed simultaneously.

Colour-white-colour layer printing
Print colour-white-colour layers in one pass for two-sided images on transparent materials.

Print on thin films
LEDs produce very little heat, which means they can work with heat-sensitive media.

Spot-colour matching software
Get the colour spot on for every media. Match any colour in minutes with Fujifilm's simple-to-use software.

Driven by Fujifilm technology

LED UV technology
LED UV lamps use a fraction of the energy of conventional curing systems, produce no wasted heat and are safe to work with.

Fujifilm print system technology
The inks, printheads and LED curing system are Fujifilm technologies. They are accurately tuned to deliver brilliant images at speed.

Fujifilm Dimatix printheads
Uses eight Q-class printheads. These high frequency heads are both precise, fast, and have a track record of long life in high performance production.

Easy installation
As there is no wasted heat, VOCs or ozone, the printer can be installed in any production environment without dedicated extraction.

Prints are immediately dry
LED UV cures the ink instantly so there is no need to wait for the print to dry before finishing or shipping.

Print mode options
A range of print modes are available to provide different levels of quality and speed, depending on the specific job requirements. The fastest print mode offers up to 33m^2/hr.

Fast startup
LED UV requires no lamp warm-up time, so printing can start immediately.

Quick switch between roll and rigid printing
Flatbed feed and receive tables are used for printing rigid media. Fitting takes just a couple of minutes.

Reusable cartridge system
The disposable foil ink pouch is contained by a reusable plastic ink cartridge holder, reducing waste.

Low maintenance
LED UV inkjet requires minimal daily maintenance.

Please contact your local Fujifilm partner or visit www.fujifilm.com.au/led1600

For further information:
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