

Acuity Ultra: Overview

Outstanding UV superwide platform

The Acuity Ultra achieves new levels of quality and speed in superwide roll-to-roll printing. Featuring impressive cost-in-use, it gives you the power to profit from interior and exterior applications – where high-impact, near-photographic quality is desired.

Key features

- ▶ Up to 236 m² per hour
- ▶ 6 colours as standard (CMYK plus lights), white option
- ▶ 3.5 picolitre grayscale printheads
- ▶ 0.1 to 2.0 mm media thickness
- ▶ 3.2 and 5 metre options
- ▶ Linear drive system
- ▶ Chilled vacuum table
- ▶ Powerful and intuitive graphical user interface

Acuity Ultra

Exceptional quality in superwide format

With Acuity Ultra, you get the excellent high quality, productivity and reliability our Acuity range is known for, on a massive industrial scale – up to 5 metres wide. Industrial printheads with a 3.5 picolitre drop size and specially developed UV inks ensure consistent high quality print.

Make an impact in the high-end indoor display market

The Acuity Ultra is not only ideal for outdoor applications such as billboards and signage, it's also perfect for high-end indoor displays where close viewing requires images to be exceptionally clear and vibrant. With quality comparable to leading water-based inkjet systems, investing in an Acuity Ultra can propel your business into the luxury brand market.

The perfect ratio for profitability

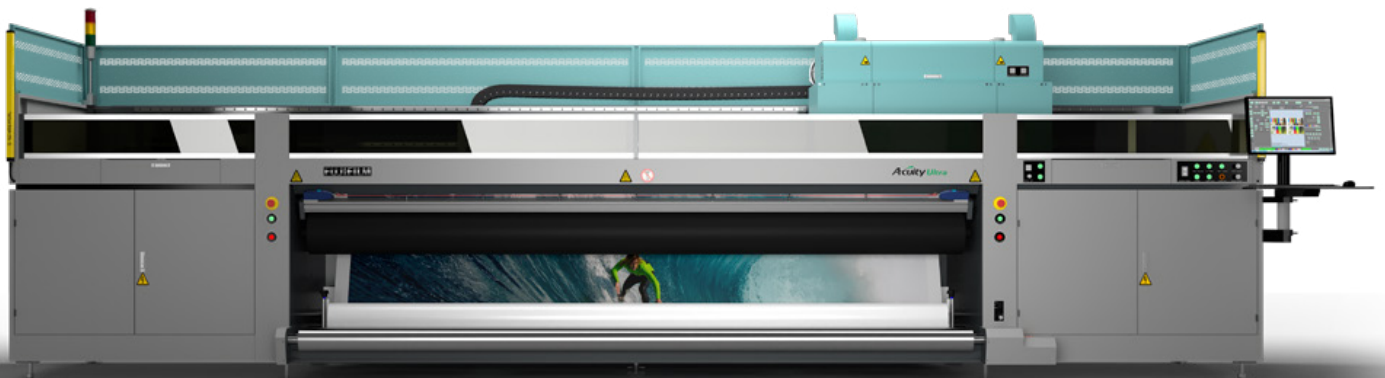
With the ideal ratio of quality, speed and cost-in-use, the Acuity Ultra gives you the power to profit from a huge range of indoor and outdoor applications. Offer better quality. Produce at higher speeds. Drive your business forward with an outstanding superwide machine from a word leader in industrial inkjet technology.

Versatility on a massive scale

With its massive format size, 2- or 3-up multi-roll potential, and ability to print on a broad range of materials, the Acuity Ultra gives you the ability to profitably create exhibition graphics, POS displays, high-value graphic art, backlit displays, outdoor displays, outdoor signage and more.

Fully equipped to enhance productivity

The Acuity Ultra is equipped with advanced features for flexible and productive printing, including: a unique chilled vacuum table to enable printing of thin heat-sensitive substrates; an on-board backlighting feature to enable image quality to be checked during printing; and an automatic nozzle spitting system to maintain consistent print quality.



Technical specification

Acuity Ultra	Acuity Ultra 3200 series	Acuity Ultra 5000 series
Model	3206: CMYK LcLm 3208W: CMYK LcLmWW	5006: CMYK LcLm 5008W: CMYK LcLmWW
Printhead drop volume	Greyscale, 3.5 pl – 14 pl	
Printing technology	Piezoelectric drop-on-demand inkjet	
Resolution	Up to 1200 x 1200 dpi	
Inks	Uvijet GS series	
Curing system	UV curing lamps with variable power settings	
Maximum throughput	181 m ² /hr	236 m ² /hr
Maximum media width	3.40 m	5.13 m
Maximum media thickness	2.0 mm	2.0 mm
Minimum media thickness	0.1 mm	0.1 mm
Maximum print width	3.20 m	5.00 m
Maximum media weight	400 kg	600 kg
RIP	Caldera, ColorGATE	
Hardware interface	Ethernet TCP/IP, 1000 base-T	
Power requirements	3 phase, 400V AC, 50 Hz, 30A Power consumption: 15 kW	
Compressed air	Pressure (minimum): 8 kg/cm ² (7.85 bar / 114 psi) Flow rate (minimum): 1.2 m ³ /min (1200 l/min / 42.26 cfm)	
Environmental conditions	Temperature: 18°C – 28°C Humidity: 40% – 80% RH (non-condensing) Atmospheric dust: ≤0.15 mg/m ³	
Dimensions (L x W x H) (excluding workstation)	6.73 m x 1.65 m x 2.09 m	8.43 m x 1.73 m x 2.29 m
Machine weight	3800 kg	6930 kg

For further information:

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