



Acuity Ultra

High Speed Outstanding High Quality UV Roll Printer

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

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

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 impressive quality, investing in an Acuity Ultra can propel your business into the luxury brand market.

Acuity Ultra

- Print speeds up to 2,540 ft²/hr (236 m²/hr)
- 6-color as standard (CMYKcLm), optional white channels
- 3.5 picoliter grayscale printheads
- 0.004" to 0.08" (0.1 to 2.0 mm) media thickness capabilities
- Available in 3.2 meter and 5 meter models
- Linear drive system
- Chilled vacuum table for handling heat-sensitive materials
- Very quick start up and simple operator maintenance

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, Acuity Ultra gives you the ability to profitably create trade show graphics, POP displays, high-value graphic art, backlit displays, outdoor displays, outdoor signage and more.

FULLY EQUIPPED TO ENHANCE PRODUCTIVITY

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

CONFIGURATION OPTIONS

Acuity Ultra is available in both 3.2 meter and 5 meter models with a 6-color configuration (CMYKLcLm) and optional white channels. Light inks help achieve smooth tones and gradients to produce remarkable quality. With optional white channels, Acuity Ultra can expand application possibilities as it enables the printer to produce jobs on clear material and dark substrates efficiently.

UVIJET INKS

Fujifilm Uvijet ink systems are renowned in the industry through Fujifilm's high-productivity wide format printers. The Uvijet GS ink series, developed specifically for use with the Acuity Ultra Series of printers, produces a low-build ink film with excellent coverage and adhesion, high density vibrant backlights and a durable finish.

Fujifilm's commitment to environmental responsibility has been recognized through achieving UL GREENGUARD certification for its Uvijet GS range of inks. GREENGUARD helps manufacturers create, and customers choose, interior products that support healthy indoor environments through low chemical emissions. Certification means that a product has been rigorously tested and shown to have low emissions of volatile organic compounds (VOCs).

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	
Printhead Technology	Piezoelectric drop-on-demand inkjet	
Resolution	Up to 1200 x 1200 dpi	
Inks	Uvijet GS Ink Series	
Curing System	UV curing lamps with variable power settings	
Maximum Media Width	133.86" (3.40 m)	201.97" (5.13 m)
Maximum Media Thickness	0.078" (2.0 mm)	
Minimum Media Thickness	0.004" (0.1 mm)	
Maximum Print Width	126" (3.2 m)	197" (5.0 m)
Maximum Media Weight	882 lbs. (400 kg)	1,323 lbs. (600 kg)
RIP	Caldera Grand RIP+ ColorGATE Production Server (Fujifilm edition)	
Network	Ethernet TCP/IP, 1000 base-T	
Power Requirements	3 phase, 400V AC, 60 Hz, 30A Power consumption: 15 kW	
Compressed Air	Pressure (min.): 8 kg/cm ² (7.85 bar / 114 psi) Flow rate (min.): 1.2 m ³ /min (1200 l/min / 42.26 cfm)	
Environmental Conditions	Temperature: 64°F – 82°F (18°C – 28°C) Humidity: 40% – 80% RH (non-condensing) Atmospheric dust: ≤0.15 mg/m ³	
Dimensions	22.08' x 5.41' x 6.86' (6.73 m x 1.65 m x 2.09 m)	27.66' x 5.68' x 7.51' 8.43 m x 1.73 m x 2.29 m)
Machine Weight	8,378 lbs. (3,800 kg)	15,278 lbs. (6,930 kg)

Acuity Ultra Print Speeds				
Print Mode	Ft ² /hour		m ² /hour	
	3200 series	5000 series	3200 series	5000 series
3 Pass	1948	2540	181	236
4 Pass	1755	2142	163	199
6 Pass	1227	1485	114	138
8 Pass	947	1119	88	104

*Print speeds are based on High Carriage Speed and 0% Smoothing printed to maximum width.