



Uvistar series

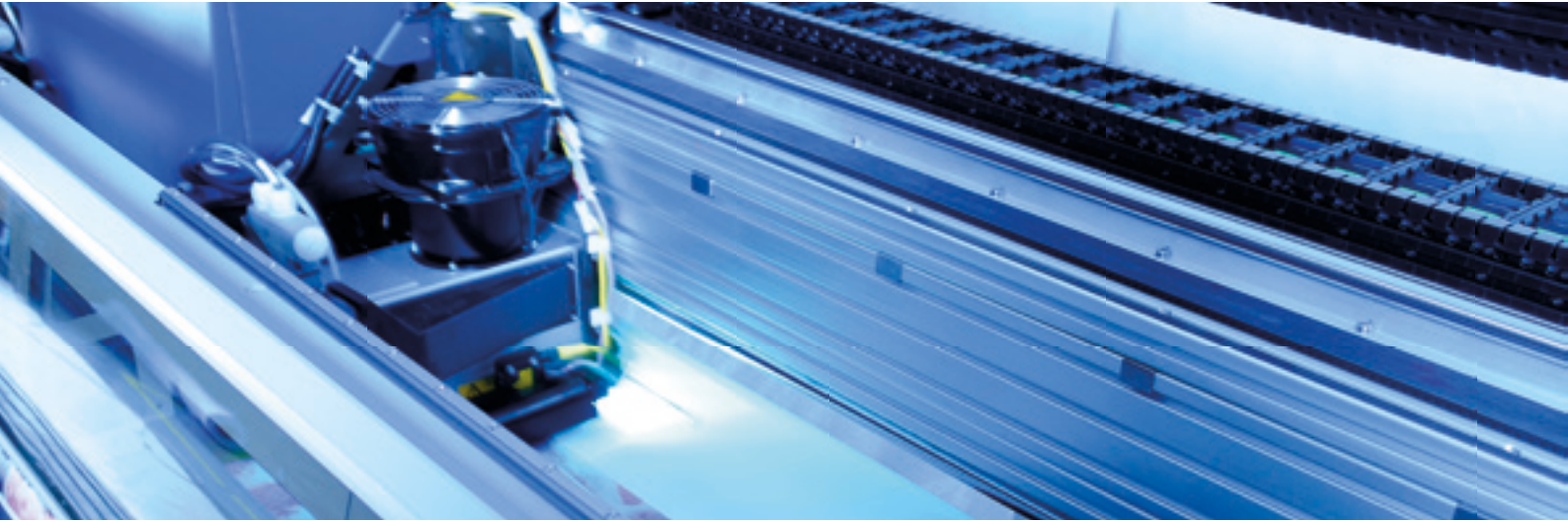
PRODUCT BROCHURE

Fast and cost-effective UV inkjet platform for wide format and superwide format graphics.

UVISTAR



The fast, cost-effective, flexible platform for superwide graphics



UV curing inkjet is quickly becoming the technology of choice for the production of superwide graphics. It has enabled industrial inkjet to reach new levels of productivity and versatility as UV inkjet is instant curing and the process is clean, efficient and waste is minimised.

With throughput speeds of over 350 m²/hr (5 m model), Uvistar printers are fuelled by Fujifilm's own high performance Uvijet inks, producing high quality, vibrant images. Uvistar is suitable for the production of a variety of poster displays, point-of-purchase materials, billboards, vehicle graphics and backlight signage up to 5 metres wide, but new Uvijet ink developments make it possible to further broaden the range of media that you print on, like polyethylene for single skin posters.

The Uvistar series includes a range of models and configurations to suit your production and investment needs.





Class-leading image quality

Even in high speed print modes, Uvistar printers produces strong, vibrant, high quality images. As a leading ink manufacturer, Fujifilm is in an excellent position to provide industry driven solutions. Inks are formulated in combination with printer development. The following features help to deliver excellent quality:

- ▶ Fujifilm Uvijet award-winning UV inks
- ▶ Parallel Drop Size (PDS) technology for smooth images

Uvijet

Uvijet inks - Fuelled by the best

The life-blood of Uvistar is Uvijet ink. It is manufactured with Fujifilm's patented Micro-V dispersion process, which reduces the pigment to a size smaller than a human cell.

This means that printheads are much less likely to block, saving time and money. It also allows higher pigment concentrations and the result is visibly stronger, more vibrant colours.

Thanks to the concentration of pigment, Uvijet offers phenomenal mileage.

Uvijet inks deliver:

- ▶ Excellent adhesion to most display PoP materials
- ▶ Great finishing properties
- ▶ Class leading print quality
- ▶ Excellent spot colour reproduction
- ▶ Can print to ISO12647-2 offset sheet standard



Parallel Drop Size technology

PDS is a clever software algorithm that enables jetting within the same print pass of both small and large droplets (20 pl and 40 pl) without any reduction in throughput speed. The use of the smaller droplets helps to smooth images which if viewed close up may otherwise appear grainy.



PDS technology produces 20pl and 40pl drops in the same pass, improving print quality.



40pl

20pl

Uvistar II - Dedicated to high volume outdoor graphics

Outdoor advertising has to compete with both traditional print and broadcast advertising, as well as new, fast-growing online challenges. Banners and posters need to be produced quicker and cheaper than ever before. Uvistar II has been developed specifically to meet this challenge and combines greater speed, image quality and media versatility.

We believe that the Uvistar II is the 'best in class' outdoor UV inkjet printer in the market today fuelled by Fujifilm core ink technology. The Uvistar II combines simple operation, robust build quality and a Uvijet ink system to deliver brilliant images with high productivity.



Key features of Uvistar II:

- ▶ Over 350 m²/hr throughput (5 m)
- ▶ 3 m and 5 m roll media versions
- ▶ Excellent ink and material performance on heat sensitive substrates like polyethylene
- ▶ Very quick start up and simple operator maintenance - reduced down time
- ▶ Fast media changeover and setup - enhanced productivity and versatility
- ▶ Robust industrial printheads





Uvistar Pro8 - For both high volume outdoor and high value indoor display graphics

Uvistar Pro8 delivers high image quality with productivity. With a light colours ink set, it is designed to extend the print capabilities for superwide print providers to include close-view, high value images. When combined with the optional automatic rigid media system, Uvistar Pro8 widens the application range to include exhibition graphics, point-of-purchase displays, graphic arts and other indoor displays, giving you more opportunities to differentiate yourself from the competition.

With this new platform comes a new Uvijet ink system, developed to meet the specific needs of indoor applications.



Key features of Uvistar Pro8:

- ▶ Uvijet light inks for high quality images
- ▶ Optional rigid media handling system
- ▶ Excellent ink and material performance on heat sensitive substrates like polyethylene
- ▶ Very quick start up and simple operator maintenance - reduced down time
- ▶ Fast media changeover and setup - enhanced productivity and versatility
- ▶ Robust industrial printheads
- ▶ Automatic ink switching between 4 and 8 colour



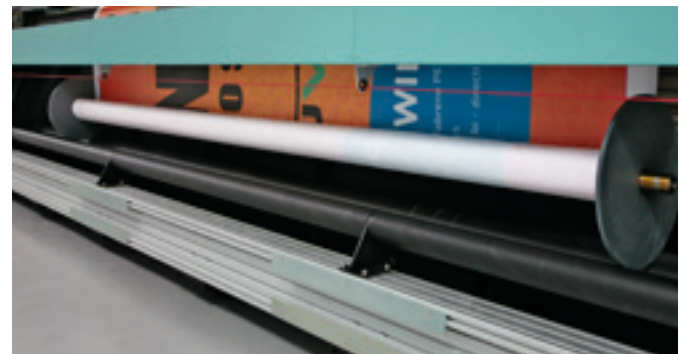
Uvistar Pro8's rigid media capability can increase profit potential without the need to invest in dedicated flatbed equipment.



Roll and rigid media handling for ultimate flexibility

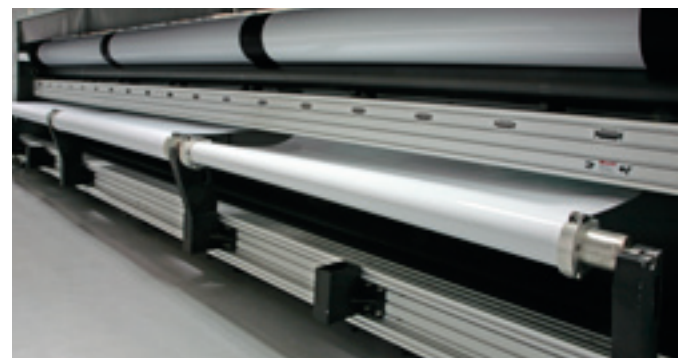
For uninterrupted production of superwide graphics, Uvistar's media load and unload system is very simple, with quick roll changeover. Setup produces only 30 cm of waste on the leading edge and handles rolls up to 340 kg.

For additional capability, Uvistar can be fitted with multi-roll handling and rigid media handling options:



Multi-roll capability

With the multi-roll feature, users can work simultaneously on up to three rolls, up to 160 cm wide to optimise productivity and deliver the job on time. Capable of printing multiple rolls with cores of varying weights, widths and diameters, Uvistar is extremely versatile. Optional multi-roll core holders aid the collection of light weight medias and fabrics with a total roll weight up to 25 kg.



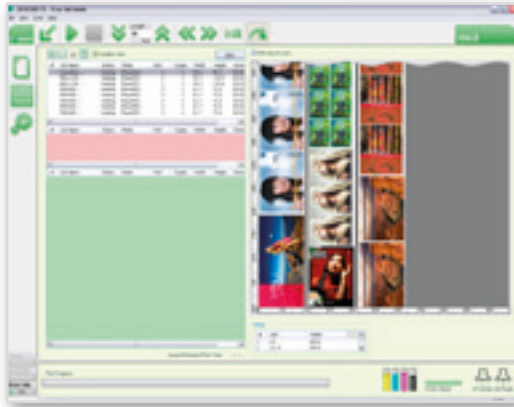
Flatbed option

Uvistar Pro8 has optional automatic media load and unload tables for rigid media handling. As media sheets are held by vacuum suction and dedicated drive rollers and print head height is automatically set accurately to the media, print quality isn't compromised as it is on some other hybrid printers. Uvistar can handle an extended range of rigid substrates up to 25 mm thick by a massive 2.5 x 3.3 m.





Features to improve productivity



Multi-file printing

This new feature allows up to 3 different images to be printed simultaneously when using the multi-roll mode. Images can be ripped separately and tiled across the material on press, prior to print. The new media saving wizard can arrange all images in the RIP queue across the media to minimise material waste.



Scale-up

For very large graphics that will be viewed from over 3m, the scale up function greatly reduces the RIP time for files. Print files can be magnified by a factor of 2 or 4 times the original dimensions on the print PC.

Options to extend capability



Anti-static bars

This option reduces the impact of static charge on the image found when printing many synthetic fabrics like PE.



Double-sided backlit camera

The backlit camera option enables the production of high quality vibrant images in perfect registration between front and back sides.



In-line finishing

x and y cutters separate images 'on the fly' for single or multiple sheets and trim and cut edges prior to take off.

Media lifter

Allows a single operator to lift and transport material straight from the floor with a maximum weight of up to 200 kg. Its unique design also allows it to transport roll media through standard frame width doors.





Specifications

	Uvistar II - 3m	Uvistar II - 5m	Uvistar Pro8 - 3m
Printing technology			
Printheads	Piezo Drop-on-Demand inkjet		
Resolution	True 600 dpi, up to 1200 dpi apparent		
Ink	Fujifilm Uvijet QK - UV curing inks CMYK		Fujifilm Uvijet QN - UV curing inks 8 colour, including lights
Performance			
Throughput	Up to 275 m ² /hr	Up to 353 m ² /hr	Up to 275 m ² /hr
Media			
Handling	Roll-to-roll		Roll-to-roll Optional rigid media handling
Flexible media support	Flex or self-adhesive vinyl, mesh, blue back paper, backlit, spun bonded polyethylene		
Rigid media thickness	-	-	up to 25 mm
Rigid media size support (4 table size options available)	A - 1.6 x 1.2 m B - 1.6 x 2.4 m C - 3.2 x 1.2 m D - 3.2 x 2.4 m		
Maximum print width	3.5 m	5.0 m	3.5 m
Maximum media width	3.8 m	5.3 m	3.8 m
RIP			
Software	ColorGATE Production Server, Caldera		
File formats	eps, ps, tiff, pdf, jpg etc.		
Operating conditions			
Temperature	20-29 °C		
Humidity	50-80 % - non condensing		
Air	6 bar (87psi), minimum airflow of 100 litres/min. of dry and clean air		
Power requirements	380 V / 50 Hz / 3 phase 32 Amp, 18 kW consumption		
Dimensions			
Printer (H x W x D)	2.1 x 6.7 x 1.1 m	2.1 x 8.2 x 1.2 m	2.1 x 6.7 x 1.1 m
Printer and rigid media table (H x W x D)			2.1 x 6.7 x 8.95 m for maximum table size
Weight	4350 kg	5300 kg	4350 kg



Please contact your local Fujifilm partner or visit www.powertosucceed.eu/contacts



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