



Unlimited Applications

With Pixeljet UV Hybrid printers you can attract new business with a wide variety of applications: banners, posters, signage, displays, exhibition graphics, POP & POS, mock-ups, backlits, frontlits, self-adhesives (labels). Also niche applications: DVDs, wood, art reproductions, personalized objects, party gadgets, as well as architectural and interior decoration, ceramics... Because any material up to 100 mm thickness can be printed...means endless possibilities.

Technical Specifications

Model	Ultron+	Ultron
Technology	PIEZO Drop on Demand	
Print Head	Stainless Steel Industrial Grey Scale High Speed Print Head (7-35pl) Ricoh Gen5, 1280nozzles, 30khz, Dual Port	
Color	4 Color/2X4 Color/6 Color (White & Varnish)	
Resolution	Up to 2400 dpi	
Printing Speed	Upto 45 sqm/h (Depends on number of printheads and colour configurations)	
File Format	TIFF, JPEG, BMP, EPS, PDF	
Material Thickness	Up to 100 mm	
Drying System	UV LED Lamp	
Printing Area	Flatbed : 3300 mm x 1800 mm Roll to Roll : 3200 mm	Flatbed : 2600 mm x 1220 mm Roll to Roll : 2400 mm
Maximum Material Size	Flatbed : 3300 mm x 1815 mm Roll to Roll : 3300 mm	Flatbed : 2700 mm x 1250 mm Roll to Roll : 2450 mm
Ink	UV Curable Ink	
Ink Supply System	Automatic Negative Pressure System and Tank Capacity of 2.5 liters	
Computer Control System	Windows 7/10 - 64 bit, 8 GB RAM	
Rip Software	Photoprint Cloud/Onyx Pixeljet Edition	
Power Supply	230V, 24A, 15KVA Single Phase	230V, 20A, 12KVA Single Phase
Dimensions	6000 mm x 3300 mm x 1520 mm	4830 mm x 2470 mm x 1580 mm
Net Weight	3550 kgs	2280 kgs

Specifications are subject to change without prior notice.

Brought to you by:

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ULTRON SERIES

UV Hybrid Printers

PIXELJET®



www.pixeljetworld.com

Elevated Productivity

Pixeljet UV Hybrid printers are high-speed LED UV curable inkjet systems which are ideal for short run to high level production of multiple jobs with variety of sized media. It offers media edge-to-edge printing that eliminates the need of extra finishing step, saving time and money. Thanks to the multilayer printing feature the Pixeljet UV hybrid printers print several color and white ink layers in one run.

Pixeljet UV printers are workhorse and can deliver printing speed of up to 450sqft/hr. (Depends on print head and colour configurations)

Superior Print Quality

Pixeljet UV Hybrid Printers can print on practically any rigid and sheet material. They deliver exceptional print quality on a wide variety of indoor and outdoor media such as corrugated boards, plastics, acrylic, glass, foam boards, exhibition panels, wood, aluminum, MDF, PS materials and wide range of flexible media. White ink and six colors with RICOH Industrial grade print 7-35 pl print heads allow it to deliver prints that will give you and your customers a competitive edge. The high-density color printing function makes prints even brighter, intense and vivid.

UV LED Print Technology

Equipped with powerful, UV LED lamps for the curing process, the Pixeljet hybrid printers come with a number of economical, ecological and business-generating benefits:

- LEDs are cool and have minimal heat output, which is why they enable you to print on wide range heat-sensitive substrates.
- LED lamps eliminates lamp warm-up time due to instant switch on and off feature that results in faster operations and higher productivity.
- LEDs have minimal energy consumption, which leads to significant power savings.
- LEDs have last for at least 5,000 hours each. They generate a consistent output throughout that period with no lamp change downtime or any consumable lamp costs.
- UV LED lamps don't contain mercury, there is no need for mercury disposal or any related costs. Also, LEDs don't produce ozone gas that needs to be extracted by ventilation.

Automatic Anti-Crash Sensors

A set of shuttle safety sensors on either side of the print carriage protects the valuable print heads by preventing them from hitting the media in case of irregularities.

Ionization Bar

An ionization bar mounted on each side of the carriage removes electrostatic loads on the substrate, ensuring optimum ink droplet control.

White Ink Recirculation

White ink recirculation results in an effective elimination of ink starvation and protects print heads from clogging hazard.

Color Options

The printers can be configured as KCMY/KCMY LcLm/KCMY*2/KCMY+W; moreover the machines can spray with white color as bed or cover or spot-color printing.

Reinforced Beam

The welded steel beam with its aligned rails, encoder strip, and servo motors allows flawless movement and perfect positioning of the print head shuttle.

Intuitive GUI

The advanced GUI design fully supports the white application features.

LED Lamps

UV LED lights provide huge energy savings and are ideal for thermally sensitive materials due to the minimal energy output, e.g. thin slides, self-adhesive sheets, or stretched PVC materials.

Ink Tray

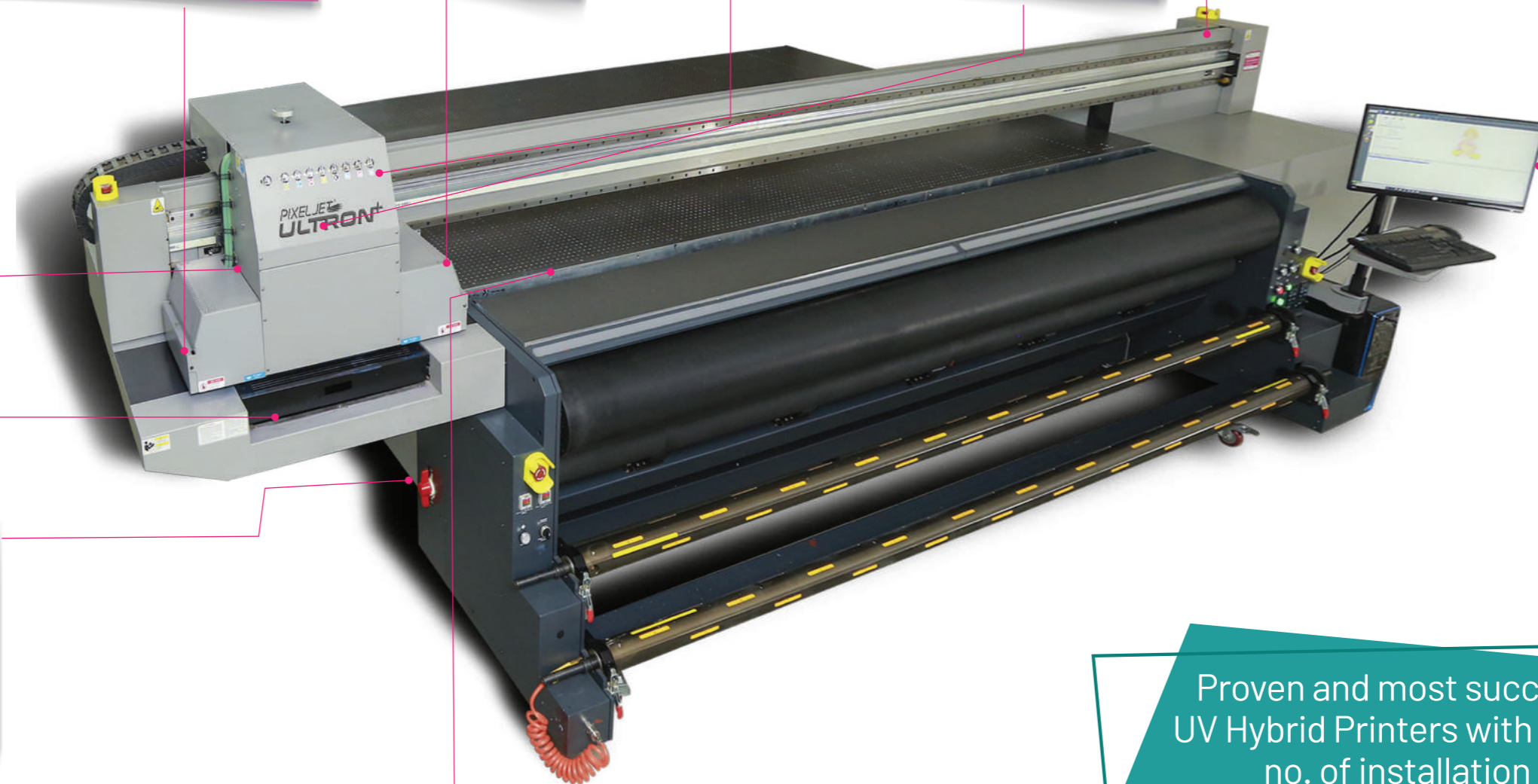
A handy tray stores the ink. Ink bottles are easily accessible and ink levels are monitored closely.

High-tech Vacuum System

The engine's vacuum bed design ensures extremely accurate and reliable dot placement. The bed contains almost 16,000 vacuum holes and is divided in two separately controllable table zones with each four vacuum compartments, so that you can print differently sized media without having to tape off the whole vacuum bed. This design also allows you to use separate parts of the bed for different jobs in the same print run and still maintain a perfect vacuum.

Register Pins

Automated retractable media register pins (3 horizontal/3 vertical) perfectly position the substrate to facilitate accurate double-sided printing.



Proven and most successful
UV Hybrid Printers with highest
no. of installation in
Signage Industry.