



American Printing Systems



PP3220UV/PP2512UV

Hi-Speed, Hi-res UV Flatbed Printer

Grayscale print heads, variable drop size from 6 to 18pl

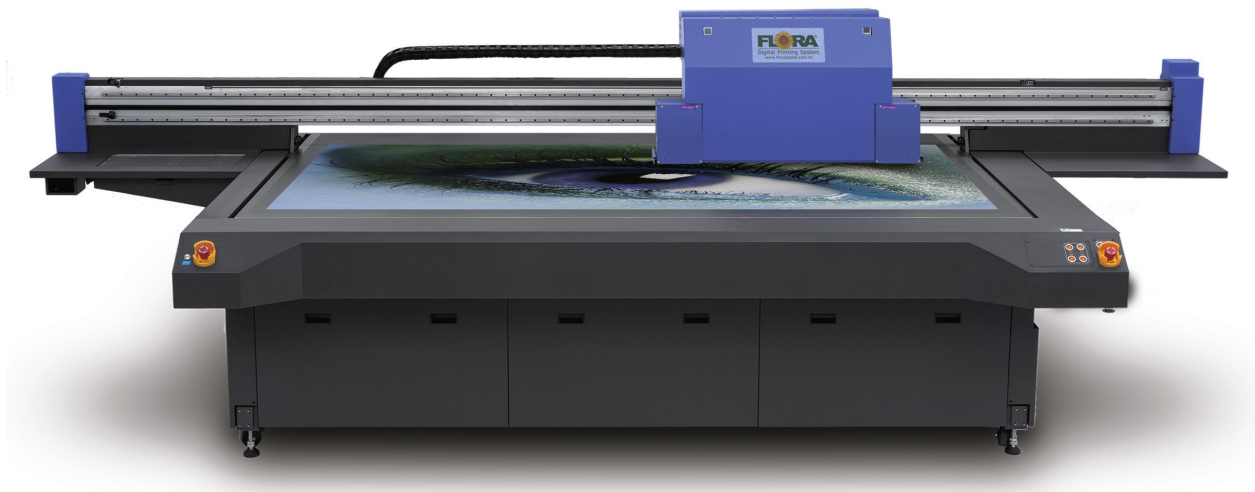
Handles flexible and rigid substrate up to 3.93" thick

White ink and CWC print capability & Varnish solution

True Flatbed 4'x8' or 6.5'x10' with 4 vacuum zones

Variable color configuration, standard 4 color, plus optional white, Lc, Lm, and varnish

Speeds up to 990 SFPH



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**Master Distributor
for USA**

105 West Dewey Ave Suite 318
Wharton NJ 07885
WWW.Theaps.net Phone 862-437-1457

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High Resolution with brilliant print quality

Featuring the Konica I head the Flora printers offer true grey scale variable dot printing with a 6 picoleter droplet size for excellent resolution and soft gradients. Using anywhere from a minimum of four heads up to 16 heads the XTRA series printer can print at speeds up to 990 square feet per hour.



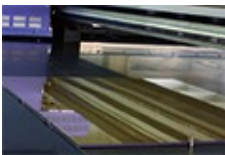
Variable Color Configuration + Grayscale Print mode

Variable color configuration, standard 4 color, plus optional white, Lc, Lm, and varnish. Meet the needs of different applications with high speed, high resolution printing



Anti-crash Sensor, resume print after Emergency Stop

The anti-crash sensor can detect most head strike before the happen and protect the print heads from damage.



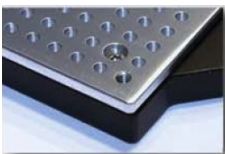
Automatic Pin Registration System

Automatic pin registration system enables easy edge to edge and double sided printing



Automatic Height Adjustment System

This function automatically adjusts the height of the carriage up to 3.93' thick, setting the carriage to the proper height and reducing the risk of head strikes.



Vacuum hold down table

From substrates as large as 4'x8' on the XTRA2512UV and 6.5'x10' on the XTRA3220UV down to as small as 8.5x11 inches the printer has a powerful four zone vacuum table which secures the media for accurate printing. Want to print on a standard door? No problem. The Flora printer can print on just about anything up to 3.93" thick



White ink recirculation

The printer offers innovative applications for white ink. White ink's brilliance is maximized by a recirculation system that keeps color particulates in motion. Suspension of these particles ensures maximum color coverage and clarity. Full white ink coverage yields outstanding image results with little maintenance.



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Spot White Under mode

Colorized Substrate



The spot white color was printed as background color to add more details

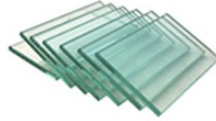


Final Artistic Effect



Spot White Three Layer

Transparent Substrate



Spot white was printed as middle layer to achieve greater saturation of color.



Final Effect is greater saturation



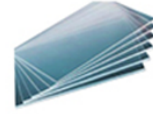
Front



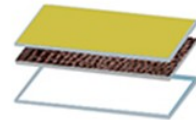
Back

Varnish Mode

All Substrates



Varnish we printed to overcoat the image to make the image more glossy. .



Glossy 3D Effect



No Varnish



Varnish

Varnish System

A clear varnish can be added to the Flora Konica Minolta ink system and can be used for color highlights, special effects, spot varnish, or unique graphic effects. The only limitation is your imagination. Additionally you can intensify the color and protect a print by using an all over varnish application. Let your prints shine with the Flora varnish system.

Dedicated White Ink

The Flora white ink application is one of the most sophisticated in the industry! Used as a base color, an overcoat, fill color, under spot color, over spot color and as a standard white only color. The printer is extremely versatile at using white ink. White has become increasingly popular for printing on dark substrates or transparent films and acrylics.

Dual Automatic Negative pressure Adjustment System

The independent negative pressure system for white and color provides for continuously and stable printing. Self-adjusting design makes negative pressure more stable.

Anti-static Bar

Reduces the ink over spray caused by static, improves the print quality on some substrates.

Roll to Roll Option

For the PP215UV there is an optional roll to roll feature that can print on material such as banner in widths up to 98" wide. This must be ordered with printer as it is not field upgradeable.



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Technical Specifications

Print Model	XTRA2512UV	XTRA3220UV
Print Head	4-16 Konica Minolta 1024I Print Heads	
Resolution	Up to 720x1440 DPI	
Productivity	Production Mode 990 SFPH Quality Mode 646 SFPH Ultra Quality Mode 463 SFPH Print speeds can vary depending on print head configuration, dpi, number of passes etc.	
Ink Configuration	4C/6C/8C White and Varnish Optional	
Print Technology	Piezoelectric Inkjet, Grayscale Technology 6 to 18 picoleter	
Ink Type	UV-Curable Inks	
Ink Cartridge Size	2.5 Liter	
Image Process Software	SAI Photo Print Flora Edition	
Color Management	ICC based color, adjustment curves, density adjustment	
File Format	TIFF, JPEG, Postscript, EPS,PDF, etc	
Media		
Handling	True Vacuum table, automatic pin registration system. Anti-crash system.	
Print Size	48"x96"	72"x120"
Thickness	Up to 3.93" thick	Up to 3.93" thick
Connectivity		
Interfaces	USB 3.0	
Curing System		
Interfaces	Dual shuttered UV lamps, independent user selectable control of shutter, with two power levels	
Dimensions		
Printer	14'-1" X 13'-5" X 4'-10"	15'-9" X 8'-6" X 4'-10"
Shipping	14'-1" X 7'-7" X 5'-4"	16'-5" X 7'-1" X 4'-10"
Operating Conditions		
Temperature	68 –86 degrees Fahrenheit	
Relative Humidity	35-60 % Non Condensing	
Electricity Requirements		
Power	8000 Watts	
Requirement	Input Voltage : 210 to 230 VAC, single phase 50/60 Hz, 32 Amp	
Warranty		

One year onsite warranty parts and labor. Head strikes on print heads are not covered

Preliminary brochure information subject to change. 10-01-2018

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