



# American Printing Systems



## XTRA3220UV/XTRA2512UV

Hi-Speed, Hi Res UV Flatbed Printer

Variable color configuration, up to 6 colors

Grayscale print heads, variable dot from 6 pl to 18pl

Speed up to 1,057 Square feet per hour

Handles rigid substrates up to 3.93 " thick

4 ' x 8 ' or 6.5 ' x 10 ' true flatbed with 4 vacuum zones

White Ink and CWC print capability & varnish solution



**American Printing Systems**

**Master Distributor  
for USA**

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

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Hi-Speed, Hi Res UV Flatbed Printer



## 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 1,057 square feet per hour.



## Variable Color Configuration + Grayscale Print mode

Variable color configuration, standard 4 color, plus optional white 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.



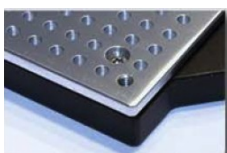
## Automatic Pin Registration System

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

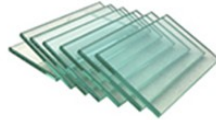


Final Artistic Effect



## Spot White Three Layer

Transparent Substrate



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



Final Effect is greater saturation

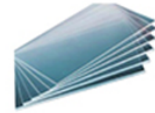


Front

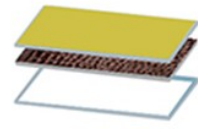
Back

## Varnish Mode

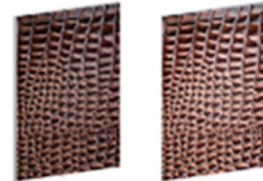
All Substrates



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.

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# XTRA3220UV/XTRA2512UV

## Technical Specifications

Printer			
Model	XTRA2512UV	XTRA3220UV	
Print Head	4-16 Konica Minolta 1024I Print Heads		
Resolution	Up to 720x1440 DPI		
Productivity	Number of Rows of heads	2 Rows	3 Rows
	Production Mode	990 SFPH	1,421 SFPH
	Quality Mode	646 SFPH	980 SFPH
	Ultra Quality Mode	463 SFPH	732 SFPH
	4x8 printer can have either two or three rows maximum 6.5'x10' can have 2 rows maximum <b>Print speeds can vary depending on print head configuration, dpi, number of passes etc.</b>		
Ink Configuration	4C/6C. White and Varnish Optional		
Print Technology	Piezoelectric Inkjet, Grayscale Technology 6 to 18 picoleter		
Ink Type	UV-Curable /LED 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. Media blow up function that makes it easy to load and un-load media.		
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 LED lamps, independent user selectable control of lights, 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 for parts and labor. Head strikes on print heads are not covered			

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

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