

*The world leader in wide format UV printing...*



10.5 FOOT UV ROLL TO ROLL PRINTER



- ☀ 4-8 Konica Minolta 1024 or 1024i print heads
- ☀ Ability to print on roll material up to 10.49 feet wide
- ☀ Highly versatile UV printer with the ability to print on any roll material
- ☀ Printing speeds up to 800+ square feet per hour
- ☀ High resolution printing up to 1440 x 1440 dpi





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## Dedicated white ink

The FLORA white ink application system 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 spot color the 320UV is extremely versatile at using white ink! White ink has become increasingly popular for printing on dark substrates or transparent films and the 320UV demonstrates that all white ink applications are not created equal.

## White ink recirculation

The Flora 320UV roll-to-roll printer offers innovative applications for white ink. White ink's brilliance is maximized by a reflow 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.

## Three layer printing innovation

The Flora 320UV printer has the capability to print 3 different layers of ink with a single pass for maximum productivity. Utilizing the three layer system for maximum productivity and exceptional results on specialty substrates, is one way to get the most out of your Flora roll-to-roll printer. Get your job done quickly and brilliantly with this fine machine.

## Auto cleaning system

The smart cleaning system enables the print head nozzles to auto-prime and wipe automatically. This function is accomplished through software settings or on the control panel. Consistent maintenance saves time and money while maintaining reliable print quality and vivid color.

## High resolution with brilliant print quality

With a choice between the Konica Minolta 1024 or Konica Minolta 1024i print heads, Flora offers true greyscale variable dot printing with a 6 picoliter droplet size for excellent resolution, soft gradients, and the most brilliant UV printing on the market. For speed, the 320UV can deliver 800 square feet per hour!

## The advantages of UV printing on a roll-to-roll printer

Take full advantage of UV printing with Flora's 320UV roll-to-roll printer. Since this printer utilizes the latest in ink that is cured by UV light, you never have to wait for prints to dry again. Additionally, since the ink is cured right on the surface of the material you can print on virtually any roll material available while keeping your costs down using the least amount of ink needed for each print.

## Variable color configuration that's easily upgradable

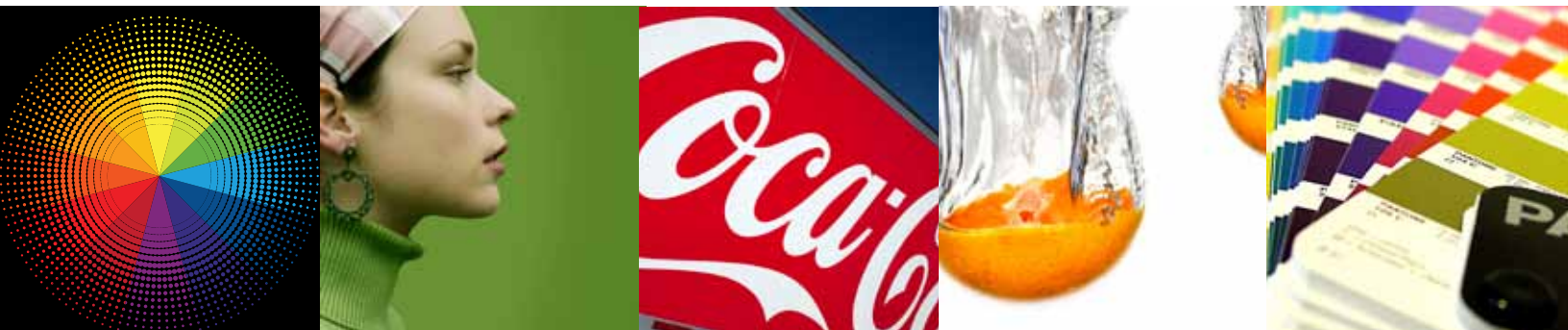
The Flora 320UV roll to roll printer comes standard with 5 Konica Minolta (1024) print heads, CMYK + White. The printer is also custom configurable with up to 8 Konica Minolta print heads, including 2 staggered rows of CMYK for maximum print speeds or a 7 head configuration which includes CMYK, Lc, Lm + White for brilliant print results. The choice is yours.

## Automatic media feeding system

The 320UV printer utilizes the latest in roll-to-roll printer technology, using a free spin, motor driven, lazy loop system. This system allows for optimal material tension, in turn producing clean crisp large format prints every time.

## State of the art media take-up system

Capitalizing on a robust motor driven setup, the Flora 320UV has up to a 200 foot take-up capacity allowing for large production print jobs and a smooth work flow.



## Technical Specifications

Print	
Print head	4-8 Konica Minolta 1024 or 1024i print heads
Print modes	Print modes
Standard	800+ square feet per hour
High quality	520+ square feet per hour
Ultra quality	390+ square feet per hour
	*Printing speed may increase or decrease depending on the print head configuration, dpi, number of passes, etc.
Resolution	Up to 1440x1440 dpi
Technology	Piezoelectric inkjet, UV-curable inks
Ink types	UV-curable, pigment based ink
Ink colors	Cyan, Magenta, Yellow, Black, Light Cyan, Light Magenta, and White
Ink capacity	4 liter (each color)
Software	SAi PhotoPRINT Server Flora Edition
Color management	ICC based, adjustment curves, density adjustment
File formats	AI, BMP, EPS, GIF, JPG, PNG, PSD, PDF, TIF, etc.
Media	
Maximum media width	10.8 feet (129.6 inches)
Maximum media diameter	1.14 feet (13.68 inches)
Printing width	10.49 feet (125.88 inches)
Connectivity	
Interfaces (standard)	Fast USB port
UV energy source	
	Dual shuttered UV lamps with independent user control of shutters and two lamp power levels
Dimensions (l x w x h)	
Printer	15.6 x 3.58 x 4.6 feet
Shipping	16.73 x 4.88 x 5.77 feet
Weight	
	1,760 pounds / 1,980 pounds (shipping weight)
Operating conditions	
Temperature	68-86 degrees Fahrenheit
Relative Humidity	20-80%
Power	
Maximum	7,500 watts
Requirements	Input voltage: 220 VAC, 35 amp, 50/60 HZ, single phase
Warranty	
	One year parts and labor! (excludes consumables) Extended warranty also available

# North American Flora Printers

4x8 FOOT UV PRINTER



4x8 FOOT UV PRINTER WITH ROLL OPTION



6x10 FOOT UV PRINTER



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*The only limitation is your imagination...*