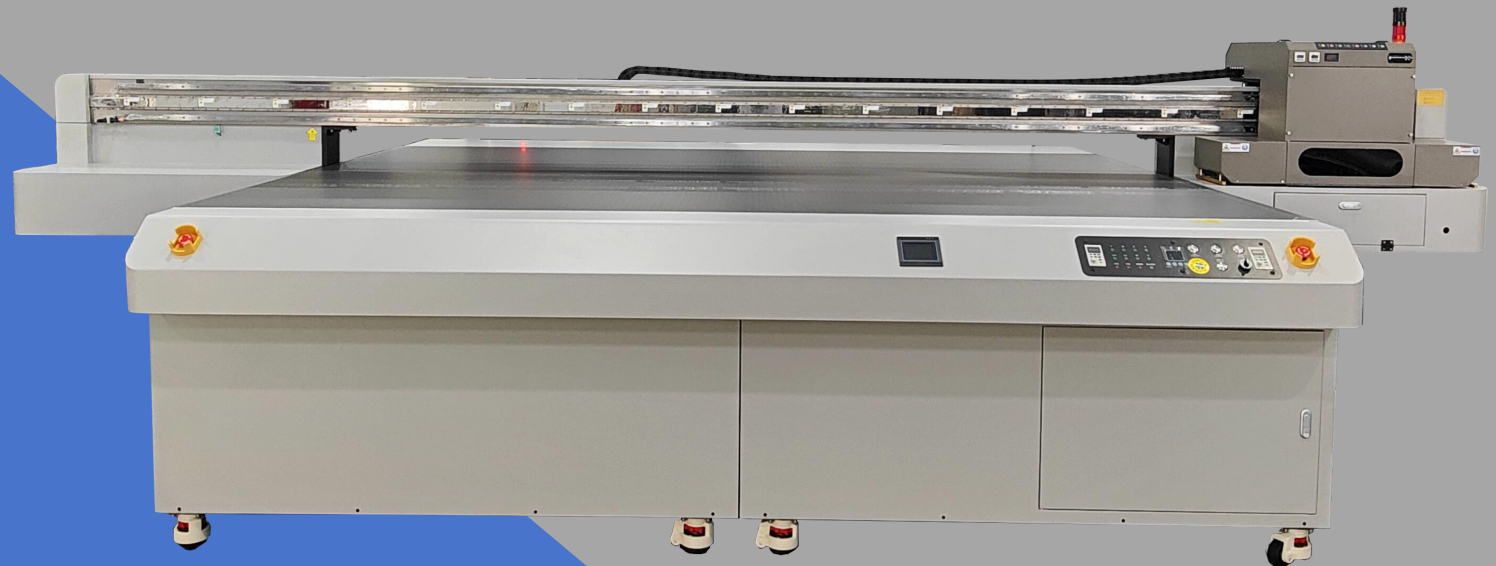
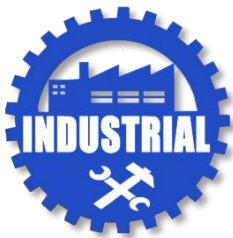


# WIT-COLOR FLATBED SERIES UV PRINTER UVIP 3220

- ★ RICOH GEN6 PH / KYOCERA PH ( OPTIONAL )
- ★ CMYKLcLm+W+V
- ★ VARIOUS CONFIGURATIONS
- ★ HIGH PRECISION PRINTING PLATFORM

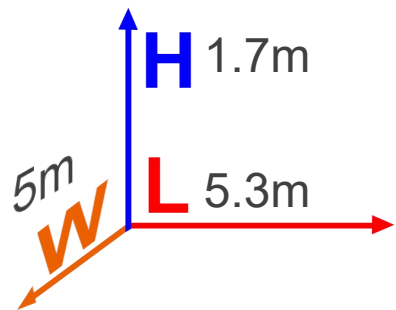
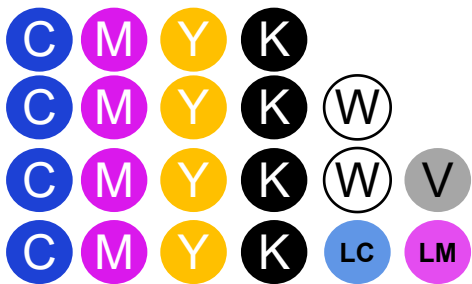




# 3.2X2.0m

## UVIP FLATBED Series UV Printers UV INK

With Max. 12 pcs RICOH G6 Print heads  
With Max. 4 pcs KYOCERA Print heads



- Variable Dots Technology
- Environment Friendly
- Energy Saving
- Easy Operation
- Continuous Printing
- Professional Service

## Technical Specifications

Model	UMP 3220			
Printing Technology	UV Printing			
Print Head	Ricoh Gen6			
Acceptable Media	Type	Metal Plate, Glass, Wooden Board, Acrylic, Mobile Covers etc.		
	Width	≤3200*2000mm		
	Thickness	≤130mm		
Ink Type	UV Ink : CMYK LCLM W V			
Ink Supply	Negative Pressure Ink Supply			
Ink Cartridges	Capacity	Color Siphon+White ink auto-stirring		
	Color	CMYK+LC \ LM+W+Varnish		
Image Format	Tiff, JPEG, EPS, PDF			
RIP Software	Photoprint(Standard) PrintFactory/Onyx /Caldera(optional)			
Printing Resolution	Maximum			
Speed	Mode	In-line	Staggered	Triple Rows
	Production Mode	40m <sup>2</sup> /h	75m <sup>2</sup> /h	110m <sup>2</sup> /h
	Standard Mode	30m <sup>2</sup> /h	60m <sup>2</sup> /h	90m <sup>2</sup> /h
	High Resolution Mode	20m <sup>2</sup> /h	40m <sup>2</sup> /h	60m <sup>2</sup> /h
Ink Curing Method	Dual UV LED Lights			
Control System	Win10			
Power	4500W			
Interface	Gigabit Ethernet			
Power Supply	AC 220V±10%, 50/60 HZ			
UPS	3KVA			
Air Source	N/A			
Packing Dimension	Inch	L:229.92 xW:89.76 xH:84.65		1 Inch=25.4 mm
	Meter	L:5.84m xW:2.28m xH:2.15m		
Printer Dimension	Inch	L:208.66 xW:196.85 xH:66.93		1 Inch=25.4 mm
	Meter	L: 5.3 xW: 5m xH:1.7m		
Weight	N.W 4400 lb. 2000 kg 1kg =2.2 lb. G.W 7480 lb. 3400kg 1kg =2.2 lb.			
Environment	Power On	Temperature 59°F to 90 °F[15°C to 32°C] Humidity:35 to 80% (No Condensation)		
	Power Off	Temperature 41°F to 104 °F[5°C to 40°C] Humidity:35 to 80% (No Condensation)		
Safety Certification	CE Certified			

Model	UMP 3220			
Printing Technology	UV Printing			
Print Head	Kyocera			
Acceptable Media	Type	Metal Plate, Glass, Wooden Board, Acrylic, Mobile Covers etc.		
	Width	3200*2000≤mm		
	Thickness	130≤mm		
Ink Type	UV Ink : CMYK LCLM W			
Ink Supply	Negative Pressure Ink Supply			
Ink Cartridges	Capacity	Color Siphon+White ink auto-stirring		
	Color	CMYK+LC \ LM+W		
Image Format	Tiff, JPEG, EPS, PDF			
RIP Software	Photoprint(Standard) PrintFactory/Onyx /Caldera(optional)			
Printing Resolution	Maximum			
Speed	Mode	In-line	Staggered	Triple Rows
	Production Mode	70m <sup>2</sup> /h	140m <sup>2</sup> /h	210m <sup>2</sup> /h
	Standard Mode	50m <sup>2</sup> /h	100m <sup>2</sup> /h	150m <sup>2</sup> /h
	High Resolution Mode	25m <sup>2</sup> /h	50m <sup>2</sup> /h	75m <sup>2</sup> /h

\* About 10% speed may vary from different feather printing mode and different PC configurations. All data are subject to change without prior notice.

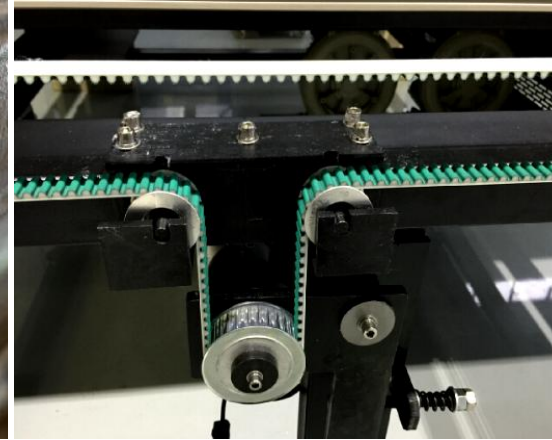




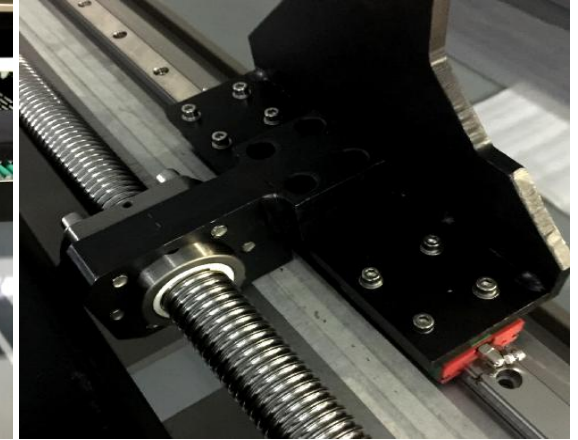
● Triple slide block for stable and high speed motion.



● High quality THK linear rail.



● MEGADYNE transmission system for Y-Axis



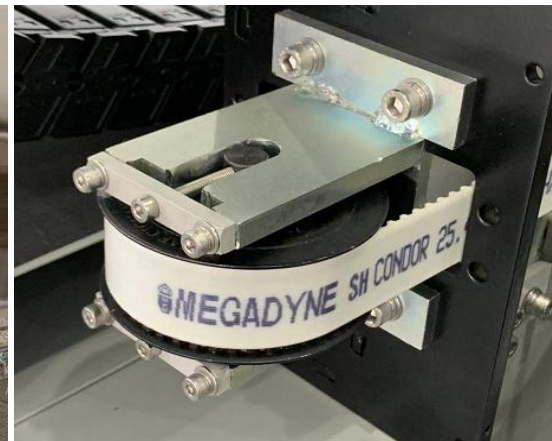
● Dual imported leading screw rods for Y-Axis movement



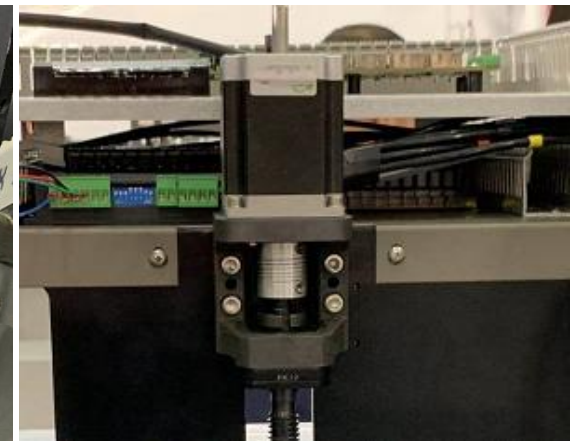
● High quality cable chain with cable lockers.



● Steel encoder for X-Axis high precision positioning.



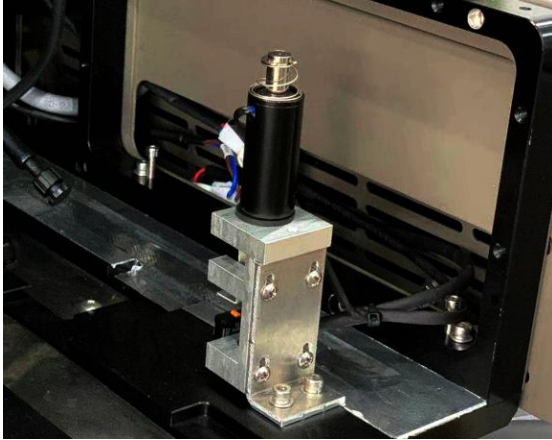
● High quality gear assembly and MEGADYNE timing belt for X-Axis movement.



● Electric carriage lifting system.

\*Above information is for reference only, the exact configurations are subject to the order contract.

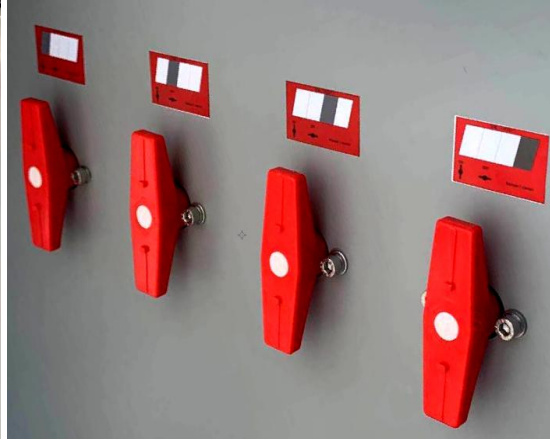




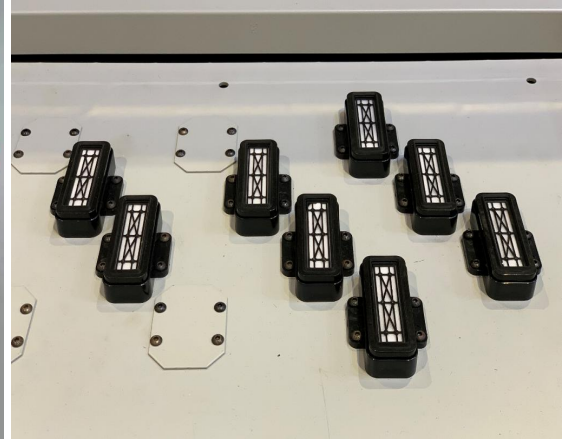
• Auto height detector.



• High quality vacuum fans.



• Sectional vacuum control valves.



• Print head capping unit for convenient daily maintenance



• Print head flushing control button+Temperature indicators+Negative pressure indicators.



• Secondary Ink Tank Heating System



• High quality electronic components.

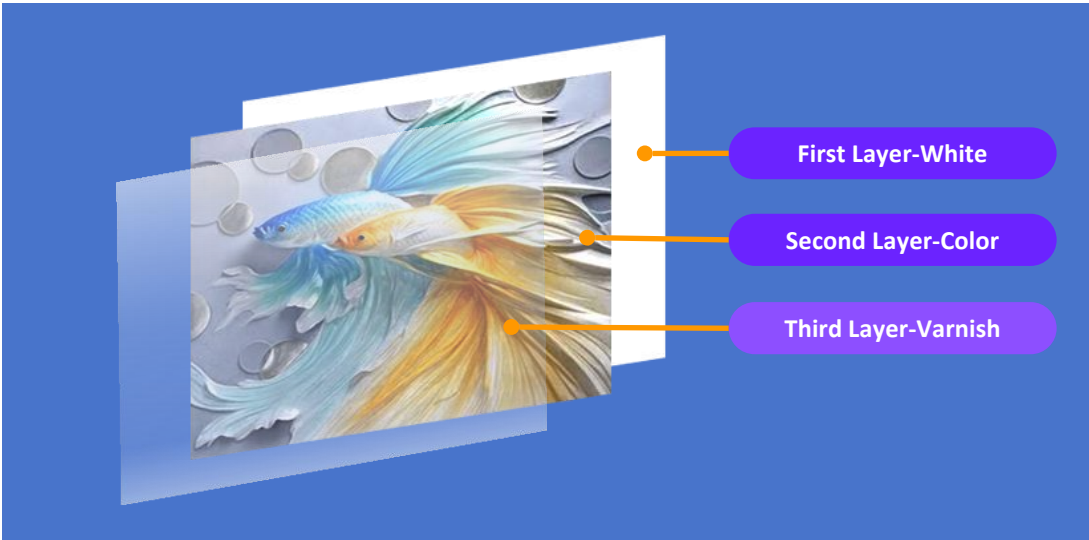


• Optical fibre data transmission technology.

\*Above information is for reference only, the exact configurations are subject to the order contract.



**APPLICATIONS:** Rigid substrates such as glass, wooden board, aluminium composite board, PVC board, foam board, acrylic board, steel board, stone, marble, 3C covers and tile leather printing etc.



## FLATBED UV (3H-6C-High Speed)

COLOR	1 Layer	10.8 m <sup>2</sup> /h
COLOR+W/W+COLOR	2 Layers	5.4 m <sup>2</sup> /h
COLOR+W+COLOR	3 Layers	3.6 m <sup>2</sup> /h
C+C+W+C	4 Layers	2.7 m <sup>2</sup> /h

- High efficiency UV-LED technology;
- Three or more layers printing, exquisite and vivid color output.
- International environmental standard UV ink;
- Odorless, less environment impact;
- Optional seven-color and varnish print mode (CMYK/LC/LM+W+V)

### Adopting 3 layers printing technology, enabling the embossing 3D effect images .

With this three layers printing technology of “White+Color+Varnish” the embossing effect of white and spot varnish will be realized.

**Third Layer-Varnish**

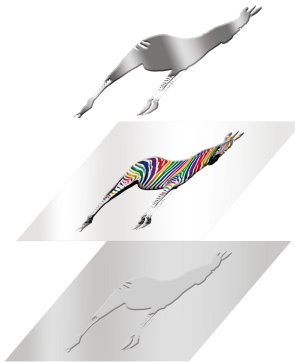
Varnish layer for glossy effect.

**Second Layer-Color**

The color layer to cover whiter layer

**First Layer-White**

The white color layer to make thickness



Glossy varnish effect



3D Effect-Embossed braille signage



3D Crystal Effect Spot Varnish Application

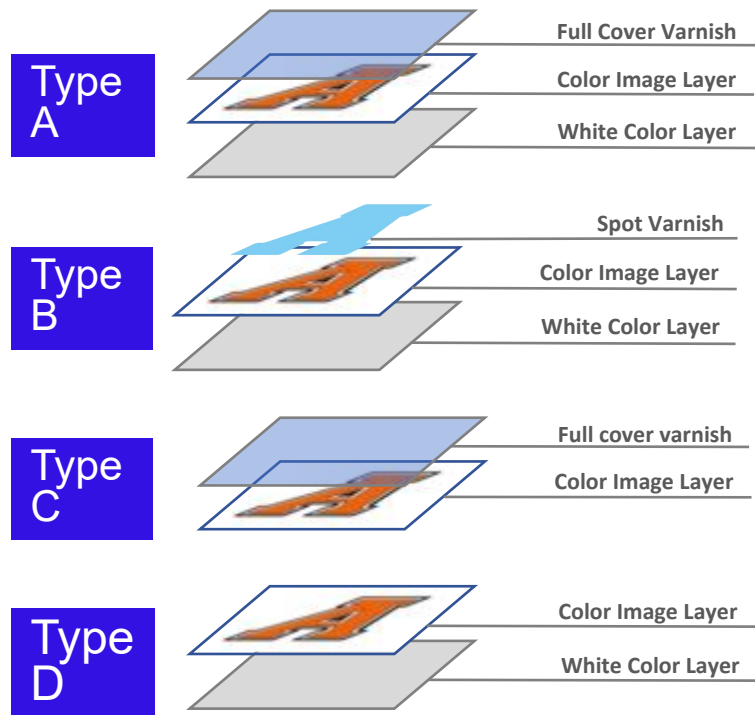
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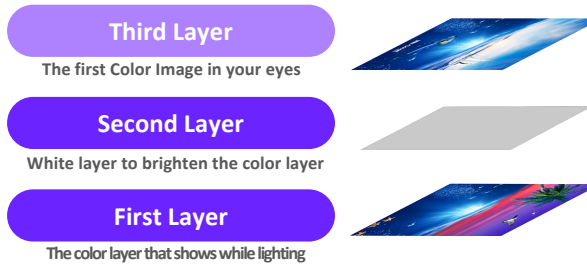
**VARNISH APPLICATIONS:** High-end customized printing, gift box printing, food packaging printing, label printing, operation panel & soft switch printing, lenticular sheet printing etc.

**White+Varnish+Color 4 Types Applications**



**Color+White+Color 3 Layers Application for Transparent Substrate**

With this **THREE** layers printing technology of “Color+White+Color” and back side light switching, the bottom layer image will be reflected from the front side and realize the semitransparent and double sided magic images.



Front View

Back View

Back Light On Front View

One machine for multiple printing solutions under different color modes, so that more customers' needs could be met and realize more added value. Step by step UV LED printing will replace some high-end eco-solvent printing market, it happens world wide now. Because UV LED printing technology has more advantages of high efficiency and long out-door life and environmental friendly.

\*Above information is for reference only, the exact configurations are subject to the order contract.