

Kind reminding for clients:

1. Even low price gives the short satisfaction on the printer itself, it will only bring the disasters when you use it for its low quality
2. It is unworthy to buy low quality products only for its low price. The loss will outweigh the gain, because what you bought cannot meet your demand.
3. Only when you are foresighted enough to invest on high-quality and competitive products and with the good after-sale service, double or triple return can be achieved than the average industry standard.



Focus on
high speed UV printing,
to meet the customer's
satisfaction

Digital **UV** Printer Series

2020

European RIP software

- ★20% Ink saving: clients' ink cost is greatly reduced
- ★Outstanding color tracing performance: unify the color differences between different machines

- UV Pro-balanced rubber roller printer
- UV high speed flatbed printer



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ALLWIN COMPANY WECHAT



SALES WECHAT

Zhejiang Yurong Digital Printing Technology Co., Ltd.



ALLWIN brand was established in 2007, which is a printer manufacturer of R&D manufacturing, sales and service. **The brand value is stable&high quality printing and the target customers are professional processing producers.** In 10 years, ALLWIN brand quickly becomes the high-end brand of made-in-China solvent and eco solvent printer and is well recognized by professional customers for its clear positioning of target customers' demand, integration of internal and full chain resources, focus on stable&reliable&durable industrial products.

At the beginning of 2017, a new modern factory building with an area of 35,200 square meters was put into use. At the same time, a number of executives with backgrounds in international industrial enterprises were hired to join the company to enhance the management capabilities of ALLWIN in new product development and product manufacturing processes. At present, **ALLWIN has successfully provided mass-produced OEM products for a well-known Japanese international company.** The products are continuously flowing to the international market through their sales channels.

ALLWIN pays great attention to R&D investment and has a number of national inventions, software copyrights and utility model patents. In 2007-2019, due to good reputation among customers and steady growth in sales, **ALLWIN is the only company won the title of Excellent Partner in China from KONICA MINOLTA for 11 consecutive years.**

For the overcapacity in many industries, from 2018 to 2020, it will be the survival of the fittest in various industries in China. In the three years of the big trend, **ALLWIN will further focus on the core categories and provide products and service that keep pace with the times and achieve customers' leading position in the industry.**



- ★ In 2012, 1 national invention patent, 11 utility model patents and 1 software copyright;
- ★ From 2013 to 2014, 10 utility model patents and 1 invention ;
- ★ In 2015, 9 utility model patents and 1 invention;
- ★ In 2016, 10 patents;
- ★ In 2018, 2 invention patents and 4 utility model patents.



For its stable quality, and excellent sales , ALLWIN is the only company won the title of Excellent Partner in China from **KONICA MINOLTA** for 11 consecutive years.



ALLWIN Patent list

nozzle moisturizer of eco solvent printer	invention patent	201510041047.7
Printer control system	invention patent	201811092196.6
UV balance rubber roller machine	invention patent	201811139075.2
E type inkjet printer	utility model patent	201520057330.4
Inkjet printer media feeding structure	utility model patent	201520056444.7
new ink supply system of eco solvent printer	utility model patent	201420871031.X
UV printing platform	utility model patent	201520057616.2
C type inkjet printer	utility model patent	201420869072.5
Eco solvent printer	utility model patent	201420871459.4
Sublimation printer	utility model patent	201420869073.X
Printer carriage collision avoidance system	utility model patent	201420871999.2
Printer nozzle protection	utility model patent	201520057393.X
printhead circuit protection in control system	utility model patent	201821535542.9
media feeding motion system of UV balance rubber roller machine	utility model patent	201821590209.8
UV printer platform water cooling and suction system	utility model patent	201821590210.0
Inkjet printer automatic ink sucking and waste ink separation system	utility model patent	201821590208.3

**More research and development results
to better achieve customer value!**

5.1M large format pro-balance UV RTR printer



120m²/h

High density body frame structure

The whole machine uses frame and wallboard structure, benchmark precision milling and positioning processing, the whole machine is more stable, and the printing is more accurate

Double linear rail design

High precision assembled and adjusted for more stable carriage movement

Import motor control system for X direction

Adpot high quality imported motor to ensure stable

Water-cooled printing platform & adjustable suction area

Standard equipped three-channel cold water circulation to meet customer high-temperature and long-term platform printing; AC fan is used for suction, more stronger fan power to adapt to various materials, and through zone control meets customer's suction requirements for different picture size.

Automatic negative pressure system

Automatic control of negative pressure system to ensure long-term stable printing

Water-cooled LED curing system

Constant temperature water-cooled LED system with compressor, maintaining the same curing performance in various working environments

Color configuration

Flexible configuration, support single row, double row, 4 colors, 6 colors plus white, double four colors



Machine Model	5M large format pro-balance UV RTR printer
Printhead Model	KONICA Atom printhead
Printhead No	Optional 8 ~ 16pcs
Resolution	720×1440 dpi
Output (2rows)	Sketch mode: 120m ² /h
	Production mode: 90m ² /h
	High-precision mode: 60m ² /h
Maximum printing width	5.1m
Maximum media thickness	1.5mm
Applicable media	Soft film, knife scraping cloth, car sticker, banner, lamp film and other various coils
Ink type	Soft UV ink
Ink color	C、M、Y、K、LM、LC、W
Machine size (L*W*H)	7714MM*1576MM*1795MM
Machine NW	2100KG
Machine GW	2500KG
Power	10.6KW (46A)
Electricity	230VAC.50HZ L/N/PE
Rip software	PHOTOPRINT ,PRINTFACTORY,CALDERA
UV Curing method	LED lamp
Data transmission method	High-speed USB3.0 transmission
Environmental requirements	Independent, clean, low-light, well-ventilated workplace
	Environmental temperature : 18°C ~ 30°C (64°F ~ 86°F)
	Relative humidity: 30% ~ 70% (no condensation)

NOTE: As products are keeping upgraded, any change of specification will not inform particularly. All rights are reserved by ALLWIN

KING E320 UV Pro Balance Rubber Roller Printer

3 rows/2 rows KM Atom printhead(1024a)



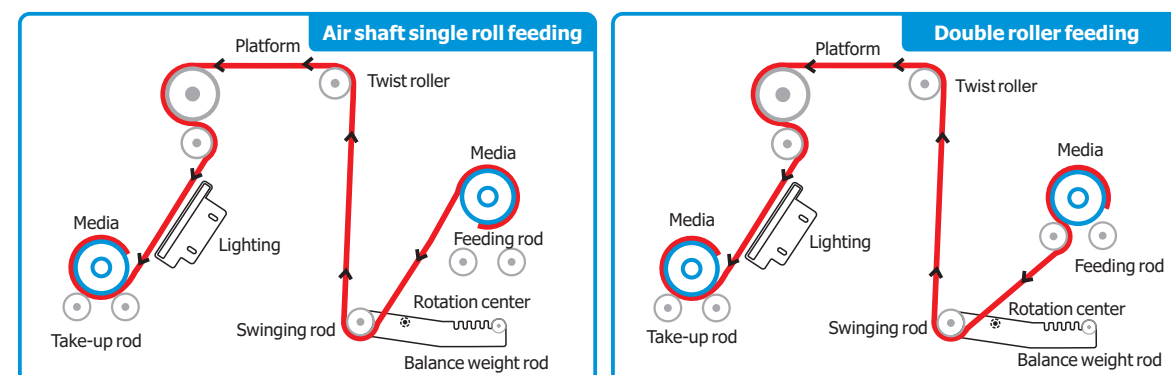
Compatible with all kinds of materials, especially suitable for soft film, 3P cloth

169m²/h

Easy Two feeding/collecting structures **Stable** Imported spareparts
Rubber roller Media feeding system **Professional** Water cooling platform

Advantages

1. It can print whole roll media in one shot. Each material portion is close to the platform surface to ensure every ink drop be right on the accurate position and guarantee perfect image quality, especially for back-lit printing.
2. The E320UV system will also handle soft film materials as thin as 0.18mm without any wrinkle or deformation on the prints. Other UV printers with traditional 4 rollers system only allow up to 0.22mm thick media and still commonly have issues with media wrinkles. This E320UV system ensure all high printing quality on all type of soft or hard backlit film media in this system;
3. Our latest design with the water cooling platform ensure consistent condition to prevent stretch and wrinkles, as well as ensure no deformation on heat sensitive media.



UV balance rubber roller printer
 UV balance rubber roller machine media moving movement system
 water cooling and fan sucking system for UV printer platform

Invention patent 201811139075.2
 Utility model 201821590209.8
 Utility model 201821590210.0

**Patented Technology,
 Counterfeiting was strongly prohibited !**

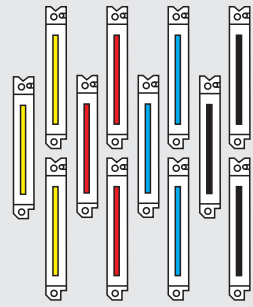
All Printing medias were smoothly tightened on the surface of the printing platform; Allwin printer ensure each droplet was accurated positioned in its designed original position to present the precise jetting performance;
 Allwin highly recommend to the soft film and any thin substrates printing due to its wrinkle free printing platform design, perfectly avoiding wrinkle attack to the carriage system during the mass printing production at work Site!

Machine Model	E320UV Balance Rubber UV RTR printer
Printhead model	KONICA Atom printhead
Printhead No	Optional 4 ~ 14pcs
Resolution	720*1440DPI
Maximum printing width	3.2M
Maximum media thickness	2mm
Applicable media	Soft film, knife scraping cloth, car sticker, banner, lamp film and other various coils
Ink type	Soft UV ink
Ink color	CMYK W
Machine size (L*W*H)	5750 (L)*1470 (W)*1660(H)mm
Power	Printing system power: 6050W, Maximum total power:10000W (water cooler)
Machine NW	2450KGS
Machine GW	2550KGS
Rip software	PHOTOPRINT ,PRINTFACTORY,CALDERA
UV Curing method	LED lamp

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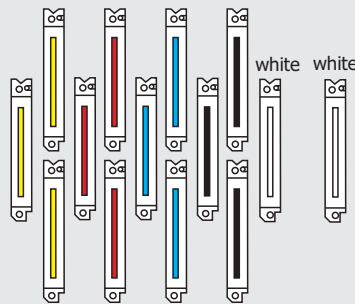
Balance UV RTR printer 3 Rows Printing scheme (KM Atom Printhead)

1. Three-rows four-color scheme (3CMYK)



Speed	Production mode	High-precision mode
3pass	169m ² /h	104m ² /h
4pass	130m ² /h	80m ² /h
6pass	88m ² /h	54m ² /h

2. Color white color scheme (CMYK W CMYK)



Speed	Production mode	High-precision mode
4pass	46m ² /h	24m ² /h
6pass	32m ² /h	19m ² /h

- ◆ Ultra-thin double-sided light box application
- ◆ Shopping mall interior light box
- ◆ White and translucent gradient printing
- ◆ PET transparent film application
- ◆ White printing on glass partition

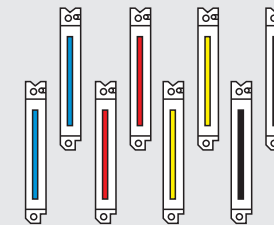
3. White color varnish scheme (CMYK+V+W, 8-head board)



Speed	Production mode	High-precision mode
3pass	63m ² /h	38m ² /h
4pass	46m ² /h	24m ² /h
6pass	32m ² /h	19m ² /h

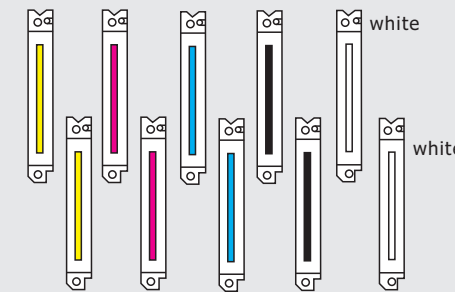
Balance UV RTR printer 2 Rows Printing scheme (KM Atom Printhead)

1. Double four-color scheme (2CMYK, 8-head board)



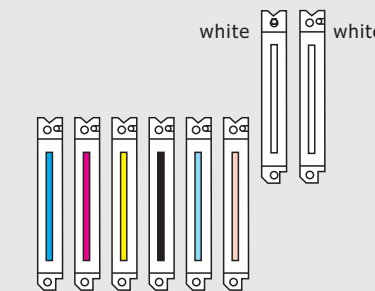
Speed	Production mode	High-precision mode
3pass	120m ² /h	73m ² /h
4pass	90m ² /h	55m ² /h
6pass	60m ² /h	36m ² /h

2. Color white color scheme (C1M1Y1K1W1+C2M2Y2K2W2)



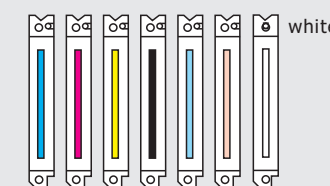
Speed	Production mode	High-precision mode
4pass	30m ² /h	18m ² /h
6pass	20m ² /h	12m ² /h

3. 6+2/4+1 color scheme



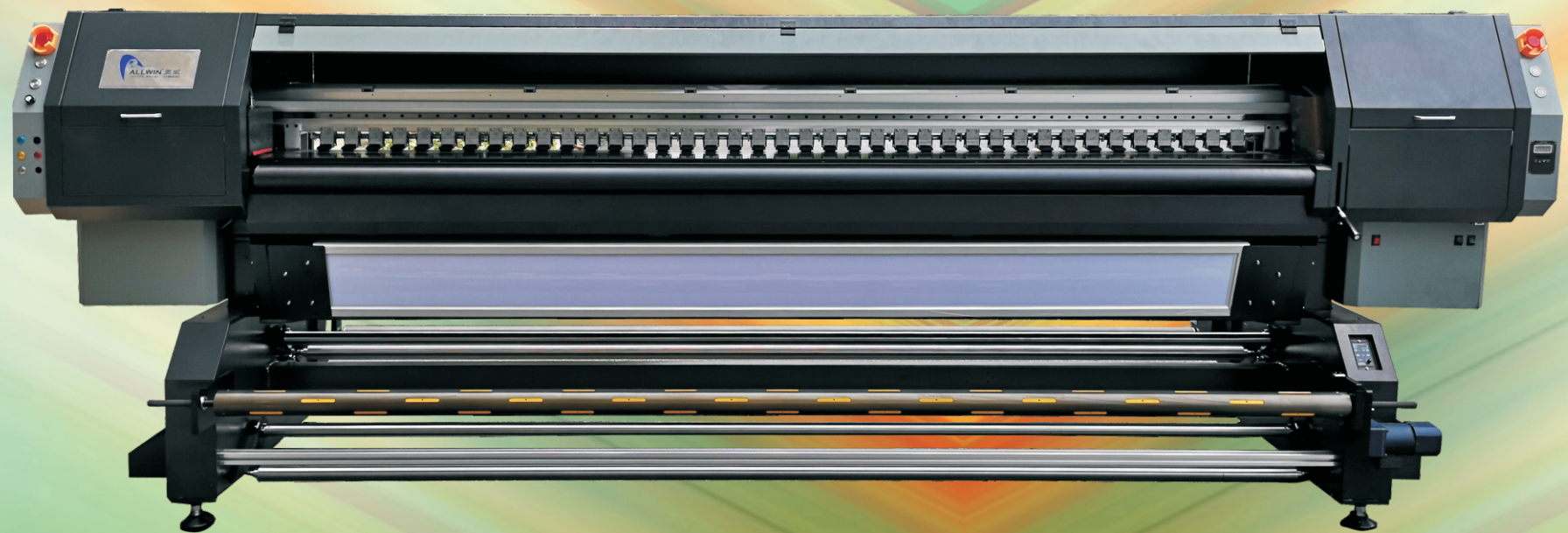
Speed	Production mode	High-precision mode
4pass	16m ² /h	8m ² /h
6pass	11m ² /h	6m ² /h

4. 4+1/6+1/color white color color scheme



Speed	Production mode	High-precision mode
4pass	16m ² /h	8m ² /h
6pass	11m ² /h	6m ² /h

3.2 Pinch roller UV Printer

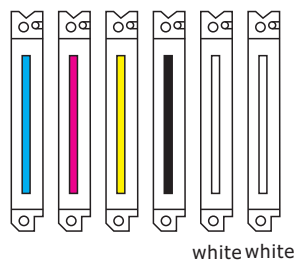


High-speed UV
King of price/performance value

65m²/h
External light mode

Features

- 1. Optimized design of the unwinding structure to meet the printing needs of various materials of external light, internal light and soft film;
- 2. Compared with the four rubber roller machine, the media loading and unloading is convenient and flexible, reducing the operator workload of changing the material frequently, reducing the tailings. Less material scrap, and reduce production costs;
- 3. The whole machine cost is low, which is convenient for customers to quickly receive various small orders for production;
- 4. External computer support, saving installation space;
- 5. Densely pinch roller arrangement;
- 6. Cooperate with professional feeding system to ensure the accuracy of stepping.



Speed	Production mode	High-precision mode
3pass	65m ² /h	36m ² /h
4pass	45m ² /h	28m ² /h
6pass	30m ² /h	15m ² /h

Machine Model	3.2M Pinch roller UV Machine
Printhead model	KONICA 1024i,6pl
Printhead control	Software adjust printhead temperature and voltage
Printhead configuration	CMYK+W / CMYK+LCLM
Maximum printing width	3.2M
Maximum printing Resolution	2160 DPI
Maximum printing Speed	65m ² /h (3 PASS)
Ink type	UV ink
Color configuration	CMYK+W or CMYK+LCLM (Optional)
Ink supply method	Vacuum negative pressure automatic continuous ink supply
Drying device	UV LED Curing
Package size	5000mm(L)*1050mm(W)*1630mm(H)
Machine size	4840mm(L)*1320mm(W)*1560mm(H)
Machine GW	1135 KGS
Machine Voltage	220 V
RIP software	Print factory/Photoprint/Caldera

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KING

KONICA UV flatbed printer

3 rows/4 rows of printheads



2020
NEW

High-speed model
4 rows printhead configuration

Super high speed
weapon for mass production
of board materials

155m²/h

4 rows/4 colors | double 6 colors+double row of white |
various color configuration between color and white
3 rows/4 colors | white+color+varnish |
double CMYK+ double white



Hard oxidizing printing platform
anti-scratching

Magnetic linear rail+ metal raster
high speed&high precision printing
with long durability



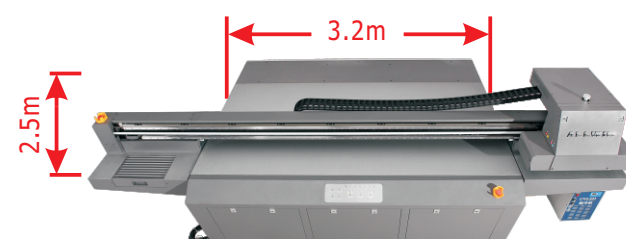
Lead screw drive for Y axis
back to front which can start
printing from both end of platform

The electromagnetic valve
secondary ink tank
automatic&intelligent ink control system

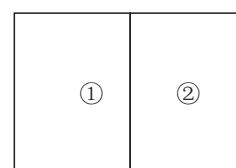


Positioning pin on platform
high precision and efficiency for
media loading

High power LED curing lamp
suitable for high speed printing
with fast curing and improve the
color adhesion



UV 3225 SUPER LARGE FLATBED PRINTER



Print 2pcs media simultaneous
(1.2m × 2.4m)

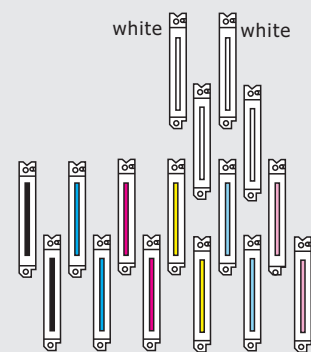
Time saving/ High Speed/Efficiency

Machine model	Flagship model-UV2513/UV3225/UV3210 (special order)	
Printhead brand	KONICA	
Printhead arrangement	4C+1W ; 4C+4C; 4C+4C+2W ; 4C+4C+4C+4C (按需求选配)	
Color option	C/M/Y/K/LC/LM/W/V	
Printing size	1300mmX2500mm or 3200mm×2500mm	
Printing height	100mm (可定制加高450mm)	
Printing media	Acrylic, wooden board, leather, phone shell, ceramic, glass, metal etc.	
Negative pressure control system	double negative pressure / positive&negative pressure alternative control	
Printhead cleaning	separate color purge , automatic cleaning system	
Platform type and resolution	sectional aluminium alloy platform with scales, deviation less than 0.1mm	
Ink circulation system	White ink circulation, automatic stirring system to avoid printhead clog	
Ink tank volume&ink level alarm	1.5L ink tank with ink level alarm equipment.	
Data transfer	USB3.0 standard port	
Rated voltage and power	220V/3600W	
Curing lamp	LED	
Servo motor	imported motor	
Linear rail	famous brand muted double linear	
Carriage height adjustment	Automatic	
Printhead protection	Intelligent anti-crash equipment	
Working environment	Temperature 20-35, humidity30%-70%	
RIP software	PHTOPRINT、CALDERA、PF 选配	
Picture format	Tiff、EPS、PSD、JPG、AI	
Package	Dimension	2513: 4450(L)x2250(W)x1450(H)mm / 3225: 5400(L)x2500(W)xH1400(H)mm
	Machine body	2513: 4400(L)x2360(W)x1750(H)mm / 3225: 5500(L)x2200(W)xH1800(H)mm

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4 rows of printheads, high speed color option

1. Double 6 colors+ double white option



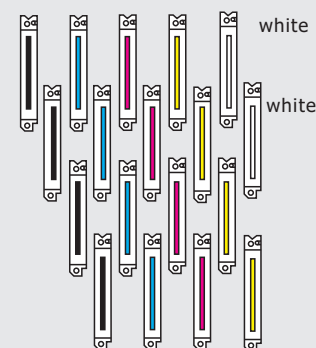
UV 2513			
Head Mode	Speed	Production mode	High-precision mode
KM Atom printhead (1024a)	3pass	90m ² /h	83m ² /h
	4pass	78m ² /h	62m ² /h
	6pass	52m ² /h	41m ² /h
1024i-6pl	4pass	73m ² /h	48m ² /h
	6pass	48m ² /h	32m ² /h
	8pass	34m ² /h	24m ² /h

2. 4 rows of CMYK color option(suitable for mass production)



UV 2513			
Head Mode	Speed	Production mode	High-precision mode
KM Atom printhead (1024a)	3pass	155m ² /h	134m ² /h
	4pass	144m ² /h	115m ² /h
	6pass	98m ² /h	85m ² /h
1024i-6pl	4pass	123m ² /h	81m ² /h
	6pass	81m ² /h	60m ² /h
	8pass	62m ² /h	40m ² /h

3. Color white color& full color free alternative option

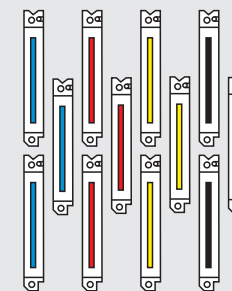


According to the printing demand, the white and color mode can be switched at will.

When there is no need to print white ink, 12 printheads full-color&high-speed printing can be achieved; if white color printing is required, 8 printheads in two rows of color inks + 2 printheads in two rows of white ink and 10 printheads of white and color can print simultaneously.

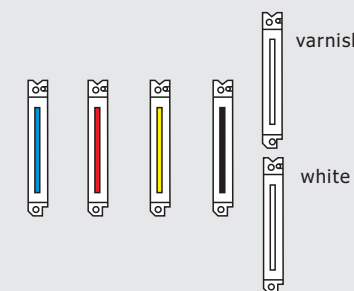
3 rows of printheads, high speed color option

1.3 rows of CMYK color option



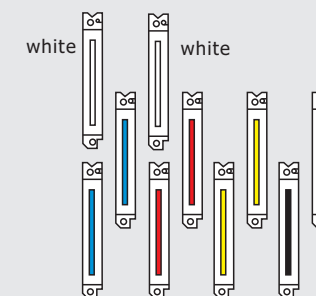
UV 2513			
Head Mode	Speed	Production mode	High-precision mode
KM Atom printhead (1024a)	3pass	125m ² /h	83m ² /h
	4pass	81m ² /h	69m ² /h
	6pass	55m ² /h	48m ² /h
1024i-6pl	4pass	90m ² /h	58m ² /h
	6pass	59m ² /h	38m ² /h
	8pass	45m ² /h	30m ² /h

2.Color+white+varnish color option



UV 2513			
Head Mode	Speed	Production mode	High-precision mode
KM Atom printhead (1024a)	3pass	43m ² /h	36m ² /h
	4pass	33m ² /h	25m ² /h
	6pass	22m ² /h	17m ² /h
1024i-6pl	4pass	33m ² /h	24m ² /h
	6pass	24m ² /h	16m ² /h
	8pass	17m ² /h	12m ² /h

3.Double rows of CMYK+WW color potion



UV 2513			
Head Mode	Speed	Production mode	High-precision mode
KM Atom printhead (1024a)	3pass	88m ² /h	77m ² /h
	4pass	70m ² /h	58m ² /h
	6pass	50m ² /h	40m ² /h
1024i-6pl	4pass	70m ² /h	46m ² /h
	6pass	45m ² /h	30m ² /h
	8pass	30m ² /h	22m ² /h

Professional model

KONICA UV Flatbed Printer

98m²/h
4pass
Production mode

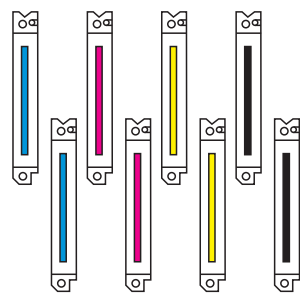


Positioning pin on platform
high precision and efficiency for media loading
High power LED curing lamp
improve the ink curing
Hard oxidizing printing platform
anti-scratching

1500W platform sucking fan
suitable for all kinds of thickness media printing
Anti-static electricity equipment
more accurate ink-drop jetting
Imported parts
more stable printer performance

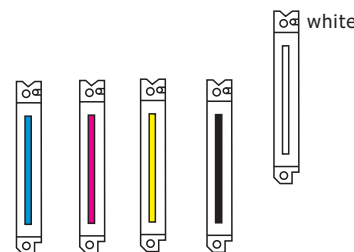
High speed color option for two rows of printheads

1. Double CMYK high speed option

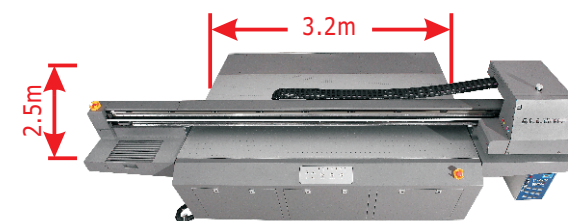


Head Mode	Speed	UV2513		UV3225	
		High-precision mode	Production mode	High-precision mode	Production mode
KM Atom printhead (1024a)	3pass	98m ² /h	83m ² /h	120m ² /h	97m ² /h
	4pass	78m ² /h	62m ² /h	90m ² /h	72m ² /h
	6pass	52m ² /h	41m ² /h	130m ² /h	107m ² /h
1024i-6pl	4pass	72m ² /h	52m ² /h	80m ² /h	57m ² /h
	6pass	50m ² /h	34m ² /h	55m ² /h	38m ² /h
	8pass	40m ² /h	26m ² /h	45m ² /h	29m ² /h

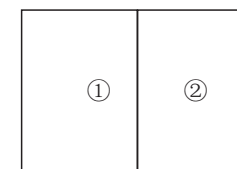
2. CMYK+W basic color option



Head Mode	Speed	UV2513		UV3225	
		High-precision mode	Production mode	High-precision mode	Production mode
KM Atom printhead (1024a)	3pass	55m ² /h	45m ² /h	63m ² /h	50m ² /h
	4pass	43m ² /h	34m ² /h	—	—
	6pass	28m ² /h	23m ² /h	—	—
1024i-6pl	4pass	30m ² /h	22m ² /h	33m ² /h	25m ² /h
	6pass	25m ² /h	17m ² /h	28m ² /h	20m ² /h
	8pass	17m ² /h	11m ² /h	20m ² /h	13m ² /h



UV 3225 SUPER LARGE FLATBED PRINTER



Print 2pcs media simultaneous
(1.2m × 2.4m)
Time saving/ High Speed/Efficiency

Model name	AW-UV2513	AW-UV3225
Printing size	2.5M×1.3M	3.2M×2.5M
Printhead brand	KM Atom printhead(1024a)	
Printing resolution	1440dpi	
Ink type	Adopting environmentally-friendly, colorful, outdoor weather-resistant UV inks	
RIP	PHTOPRINT、CALDERA	
Color management	International standard ICC color control, adjustable curve and density	
File format	TIF、JPG、PTF、AI	
Carriage anti-crash system	Anti-crash device is installed on both sides of carriage to protect the safety of printhead during printing	
Platform sucking fan	The hard oxidizing suction platform can keep new as long as the material and the knife scraps; 1500 watts strong suctionwind effectively keeps material positioning	
Noise muting device	Install a noise muting device to reduce the noise generated by fan operation	
Locating pin device	Quick positioning of large board to save working time	
Median thickness	≤10CM	
Max media weight	50kg/m ²	
Machine weight	Around 2200KGS	
UV lamp system	Double LED energy-saving UV lamp, media is not easy to deform when printing	
Temperature	20℃-30℃	
Humidity	Relative humidity is recommended to be higher than 40%, effective control of static electricity to ensure print quality	
Max power	8000W	
Voltage	Input voltage: 220V	
Machine dimension	2513: 4300(L)x2050(W)x1400(H)mm 3220: 4790(L)x2300(W)x1450(H)mm	
Package dimension	2513: 4400(L)x2360(W)x1750(H)mm 3220: 5000(L)x2900(W)x1500(H)mm	

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Application display (decoration and construction industry)

Triptych



Quadruped



Floor



Wooden door



Room division board



Wood painting



Tea table



Lighting



Application display (AD sign)

House ID



Light box



3D painting



Metallic cards



Cultural display wall



Human image stand

