

KING E320 UV Pro Balance Rubber Roller Printer

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

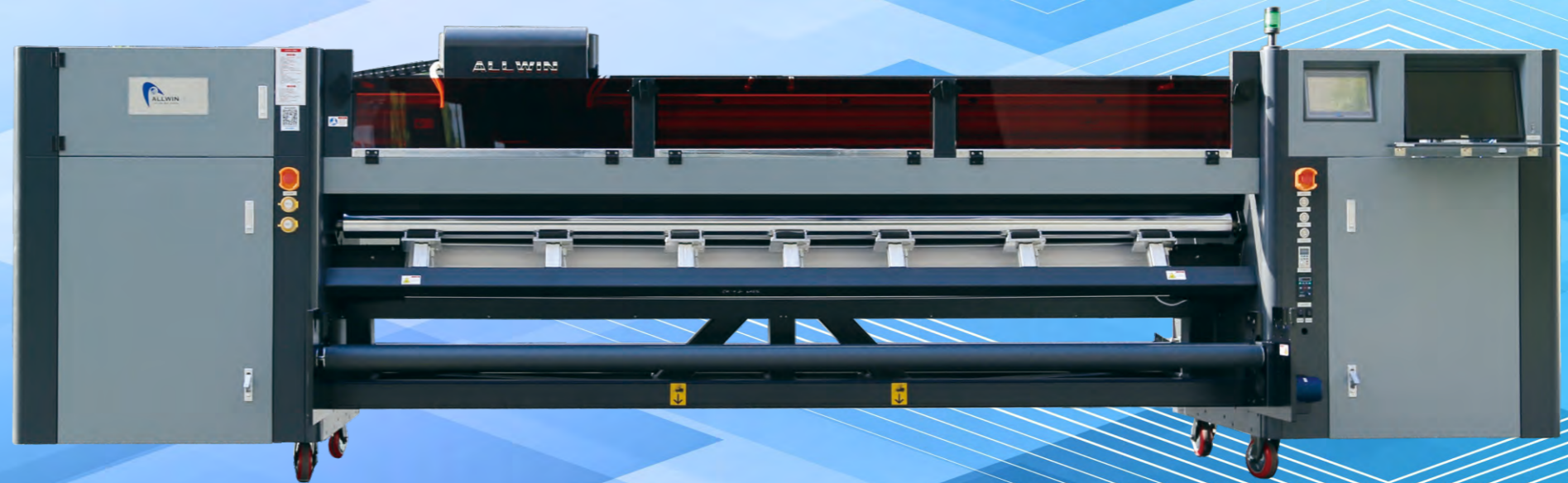
Focus on high speed UV printing,
to meet the customer's satisfaction

Improve stability and accuracy
in an all-round way

Compatible with all kinds of
materials, especially suitable
for soft film, Pearl Light Backlit

169m²/h

NEW



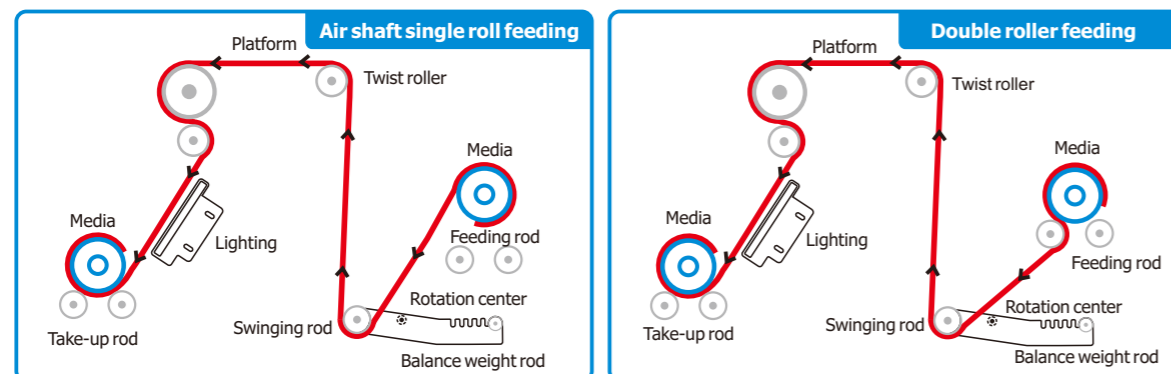
Easy Two feeding/collecting structures **Stable** Imported spareparts
Rubber roller Media feeding system **Professional** Water cooling platform

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

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 wrinkle. 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 wrinkle, as well as ensure no deformation on heat sensitive media.

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 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!



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

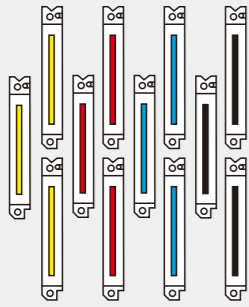
Invention patent 201811139075.2
Utility model 201821590209.8
Utility model 201821590210.0

Machine Model	E320UV Balance Rubber UV RTR printer
Printhead model	KONICA HS 2000 / 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 (with water cooler)
Machine NW	2450KGS
Machine GW	2550KGS
Rip software	PHOTOPRINT ,PRINTFACTORY,CALDERA
UV Curing method	LED lamp

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

Balance UV RTR printer 3 Rows option (KM Atom Printhead)

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



Speed	Production mode	High-precision mode
3pass	186m ² /h	114m ² /h
4pass	143m ² /h	88m ² /h
6pass	97m ² /h	59m ² /h

2. Color white color option (CMYK W CMYK)



Speed	Production mode	High-precision mode
4pass	51m ² /h	26m ² /h
6pass	35m ² /h	21m 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

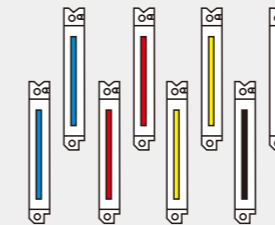
3. White color varnish option (CMYK+V+W, 8-head board)



Speed	Production mode	High-precision mode
3pass	69m ² /h	42m ² /h
4pass	51m ² /h	26m ² /h
6pass	35m ² /h	21m ² /h

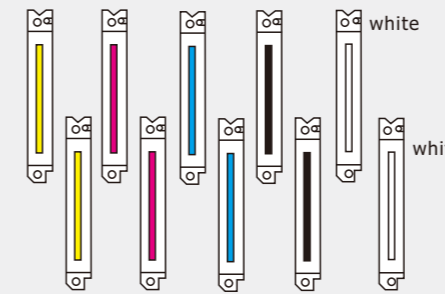
Balance UV RTR printer 2 Rows option (KM Atom Printhead)

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



Speed	Production mode	High-precision mode
3pass	132m ² /h	80m ² /h
4pass	99m ² /h	61m ² /h
6pass	66m ² /h	40m ² /h

2. Color white color option (C1M1Y1K1W1+C2M2Y2K2W2)



Speed	Production mode	High-precision mode
4pass	33m ² /h	20m ² /h
6pass	22m ² /h	13m ² /h

3. 6+2/4+1 color option



Speed	Production mode	High-precision mode
4pass	18m ² /h	9m ² /h
6pass	12m ² /h	7m ² /h

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



Speed	Production mode	High-precision mode
4pass	18m ² /h	9m ² /h
6pass	12m ² /h	7m ² /h