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ALPIO

# Alpio Single Pass UV

- Adopt PLC control system, self-developed special Card board, patent protection, unique in the market, good stability, self-contained image feathering function and variable data printing, support multi-task continuous printing.

- The printer is equipped with an automatic negative pressure cycle ink supply system, which can automatically discharge the air in the ink path. The life time of the print head is more than 2 years, and a protection device is designed to prevent the print head from being damaged by materials.

- The self-developed feeding belt (patented) has a high-precision automatic deviation correction function and a reasonable layout of suction holes to ensure that the printing material is more stable while going through on printing platform.

- The printer is equipped with a sensitive automatic calibration system, an automatic printing positioning system, and equipped with multiple sensors to accurately position and print.

- Fully digital single pass printer, it can print when it is turned on, the printing cost is low, the speed is fast, the production efficiency is high, no need for plate making, and it can be printed by importing pictures. The max printing length of a single image is 20m. The max printing accuracy is 600dpi*1200dpi and the fastest printing speed is 50m/min.

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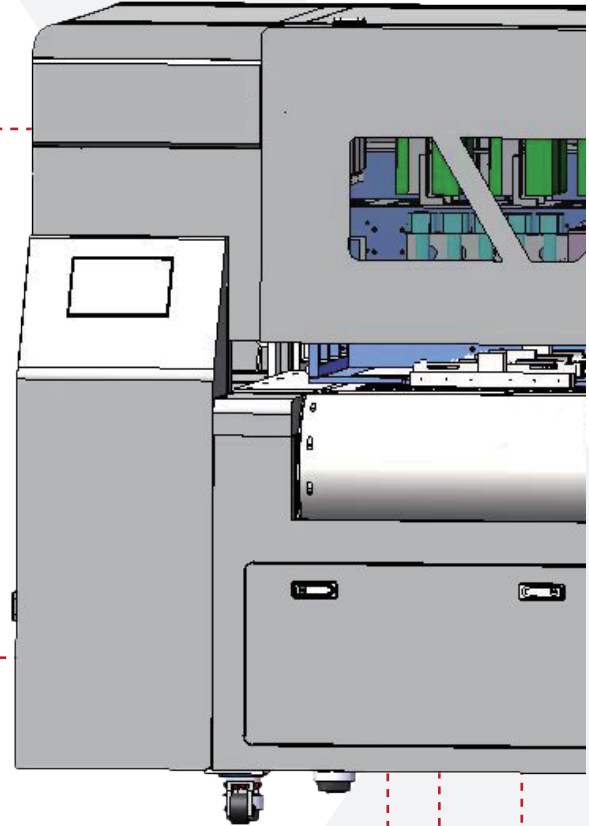
UV sigle pass printer is a high-tech plate-free full-color digital printing machine. It is not limited by materials. It can print on various plastic products, PVC, ABS, acrylic, hollow board, coated paper,white cardboard,coated paper, aluminum-plastic board, wood board, Color photo-level printing on the surface of glass, metal plate, ceramic tile, foam board, cardboard and other materials.

UV digital printing machine

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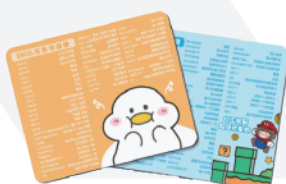
NOZZLE ADVANTAGE

- Epson authorized original S3200 U1/U3 print head, variable ink dots, 4-level grayscale printing.

- S-shaped design saves space, easy to expand, and more efficient in production.

- Support variable data printing,multi-task continuous printing.

- The print head has a built-in unique ink circulation system, automatic ink pressure, double negative pressure circulation ink supply system.

- High-precision positioning holes make replacement and installation easier without more adjustments.

- Self-developed special printing Card board and software.

- A number of patented technology protection.

S3200 U1/U3

NOZZLE PARAMETER

Nozzle model	S3200-U1	S3200-U3
Ink type	UV	
Effective print width	120mm/236mm/354mm/472mm/590mm/708mm/826mm/944mm/1180mm	
Ink drop volume	3.2-5-10（U1）	4.8-9-15（U3）
printing resolution	600×600	600×1200
Nozzle number	3200(Net 2,840)	
Nozzle row number（inch）	1/300	
Nozzle row number	2	
Nozzle size	150.4mm×30mm×52mm	
Nozzle weight	235g	
Injection frequency	48 (single point), 24KHz (multipoint)	
Corresponding ink viscosity	8~11 mPa·s	8~9 mPa·s

PRODUCT PARAMETER

Product Name	UV digital printing machine			
Brand	ALPIO			
Printhead	S3200U1/U3			
Colors	C/M/Y/K/W			
Ink	UV ink			
Printer Model	SEU600	SEU1200	SEU1600	SEU2000
Printhead Quantity	5~10pcs	15~20 pcs	25~30 pcs	35~40 pcs
Printing Size	Max 236mm	Max 472mm	Max 708mm	Max 944mm
Power	4.5kw	5kw	7kw	8kw
Feeding Width	Max 600mm	Max 1200mm	Max 1600mm	Max 2000mm
Printer Weight	900kg	1046kg	1600kg	2000kg
Printer Size	1900mm*1830mm*1700mm	2650mm*2250mm*1650mm	3550mm*2250mm*1810mm	4120mm*2250mm*2200mm
Application	various plastic products、 acrylic、 hollow board、coated paper、 coated paper、wood board、 glass、tile、cardboard、etc.			
Printing Speed	600dpi*1200dpi :15m/min 600dpi*600dpi : 35m/min 600dpi*300dpi :50m/min			
Feeding Height	Max 100mm			
Auto Feeder	Optional			
Customized Service	Yes			
After-Sales Service	Depends on warranty			