

V698

Wide Format Industrial UV Roll-to-Roll Printer

V698 industrial printer has an ultra wide format of 5m and print heads can be optional with 6 colors that builds a new standard for roll to roll UV inkjet output by perfectly combining the printing quality requirements of POP, and the high speed output requirements of indoor and outdoor large format billboards.

V698 ensures digital printing companies to make quick and efficient commercial promotion applications, including exhibition graphics, digital textiles, billboard signage etc. It significantly extends your printing capacities and the range of applications you can provide.



Product Features

Vacuum Table

High intensity platen vacuum improves material control with stability.

Printing on Heat Sensitive Material

LED Lamps have minimal heat output, which enables you to print on heat-sensitive substrates such as thin slices, self-adhesive sheets or stretched PVC materials. Besides, the limited heat generation involves a very stable bi-direction calibration.

Auto Height Adjustment

Fully automatic carriage lifting system and customized motor ensure the precise positioning control of the whole platform, which meet printing demand of different heights at any point.

Superb White Ink Printing

Superb white ink printing performance in single and multi-layer print modes.

LED Lamp Curing, User-friendly Design, Cost Efficiency

It is equipped with UV proof glass, which protects the operator and the environment.

Its UV LED lamps enables you to print on a wide media mix and to save energy, costs and time without producing ozone gas.

Anti-Collision Device

The carriage is equipped with anti-crash media detectors. When the sensor detects the obstructions on the vacuum table, the printer will stop the carriage emergently to prevent damage to the heads and protect personal safety as well.



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Superb Ink System

Independent ink negative pressure system ensures stable ink supply to the print heads. 5L Tank guarantees stable ink supply.

Static Stability

Plasma electrostatic eliminator improves stability when printing on static material.

Linear Motor

The linear motor runs with the metal grating to ensure the high-speed, stable and accurate operation.

Technical Specifications

Printhead	Konica Minolta (6PL or 13PL), 6*1/6*2/6*3/7*2				
Head Alignment	Single Row / Double Row / Three Rows				
Ink Color	CMYK / CMYK Lc Lm + W (optional)				
Curing	LED UV Curing				
Printing Speed (m ² /h)	Pass	Resolution	One Row	Two Rows	Three Rows
	2	540*720 dpi	70m ² /h	138 m ² /h	208m ² /h
	3	540*1080 dpi	48m ² /h	95m ² /h	142m ² /h
	4	540*1440 dpi	35m ² /h	69m ² /h	102m ² /h
Printhead	Kyocera KJ4A				
Head Alignment	Single Row / Double Row				
Ink Color	CMYK / CMYK+W (optional)				
Curing	LED UV Curing				
Printing Speed (m ² /h)	Pass	Resolution	One Row	Two Rows	
	3	300*1800 dpi	150 m ² /h	230 m ² /h	
	4	600*1200 dpi	110 m ² /h	180 m ² /h	
	6	600*1800 dpi	80 m ² /h	120 m ² /h	
	8	1200*1200 dpi	60 m ² /h	95 m ² /h	
Interface	USB/PCIE				
Carriage driven	Linear-driven printhead carriage				
Printing Width	5000mm				
Printing Media	PVC flex banner, PET film , canvas, self-adhesive material and other flexible materials				
Rip Software	Print Factory/ Caldera (optional)				
Power	Three phase 380V, 50/60HZ, 12KW				
Working Environment	20 – 30 °C , 40 – 70% RH				
Air Pressure	0.8-1MPa				
Machine Size	8760mm x 1795mm x 1495mm				
Machine Weight	3900kg				

Application

V698 helps sign and display graphics customers drive more volume with high-end digital print for endless applications and designs. It handles a broad scope of flexible media for indoor and outdoor applications.

The widest range of application capabilities—signage, wall coverings and murals, POP, exhibitions, floor graphics, window decorations, luxury vinyl tile and much more.

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