

Venus 10R Ultra-Wide Industrial Printer

The JHF Venus 10R sets a new benchmark in ultra-wide industrial printing with intelligent, high-speed, and precision performance. Equipped with a double-row, ten-color output system and a 5 m multi-roll design, it delivers photo-realistic prints with exceptional efficiency. Featuring fully automated, unmanned operation and energy-saving UV LED curing, the Venus 10R combines productivity, innovation, and eco-friendly technology in one powerful solution.

Product Information

- ① UV Curing Lamps
- ② Take-up System
- ③ Ink Cabinet
- ④ Status Light Tower
- ⑤ Print Head Carriage



◆ Superior performance operation

- The flexible production mode can realize the synchronous printing of three rolls of 1.6m wide materials.
- The customized feeding system and the roller structure make the printing materials run more accurately and smoothly, making it less likely to deviate, and more suitable for high-speed printing in large quantities. The ink temperature control system, independently developed, greatly improves the smoothness of the ink and the printing stability.

◆ Ultra high output quality

- 5m wide format, double row ten color output system, all succeed in photo-realistic output.
- 0.5u high-precision metal encoder strip and maglev system perfectly ensure high printing accuracy during high-speed printing.

◆ Intelligent module

- Venus 10r is a highly intelligent industrial digital equipment with big potential for further system upgrading, effectively saving labor costs. Double-sided intelligent printing function, the printing position can be found more accurately by scanning through the camera.
- Radiation protection function: The front guardrail uses dark gray plexiglass shielding to prevent UV damage to the human body. Meanwhile, it can clearly observe carriage motion and realize the convenient operation of one-key lifting.

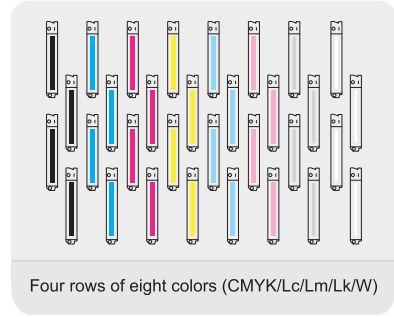
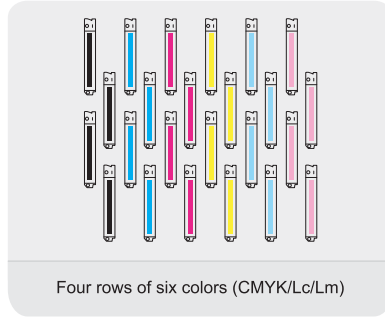
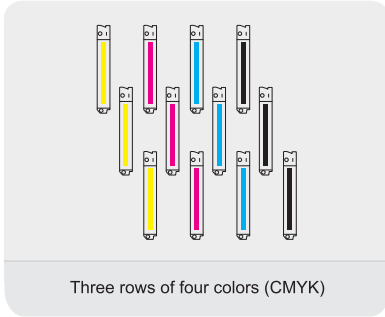
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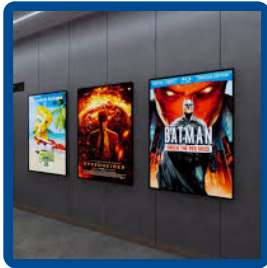
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Color Configuration



Application

Lightboxes



Backlit



Decals



Technical Specifications

Printing width	5000mm		
Printhead	Kyocera, 3pl, 7pl, 14pl		
Head alignment	2 row, 20 heads(10C*2)		
Printing Mode	High speed mode	300x1800dpi	230 m ² /h
	Production Mode	600x1200dpi	180 m ² /h
	Fine mode	600x1800dpi	120 m ² /h
	Ultra fine mode	1200x1200dpi	95 m ² /h
	<small>(the above mentioned speed is based on speed without smooth)</small>		
Media type	PVC banner, PET film, backlit & frontlit fabric, PE film, mesh, etc.		
Ink type	UV ink		
Ink color	CMYK, LC, LM, LY, LK, 0B, WG, PR		
Control software	JHF Printer V5.0		
Working environment	Temp. 18-28°C, RH 30-70%		
Air pressure parameters	≤8kg/ CM ²		
Connection interface	PCIE		
Power requirements	3 phase, 380V, 25KW		
Machine size	L 8520mm*W 1900mm*H 2200mm		
Machine weight	8000kg		

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