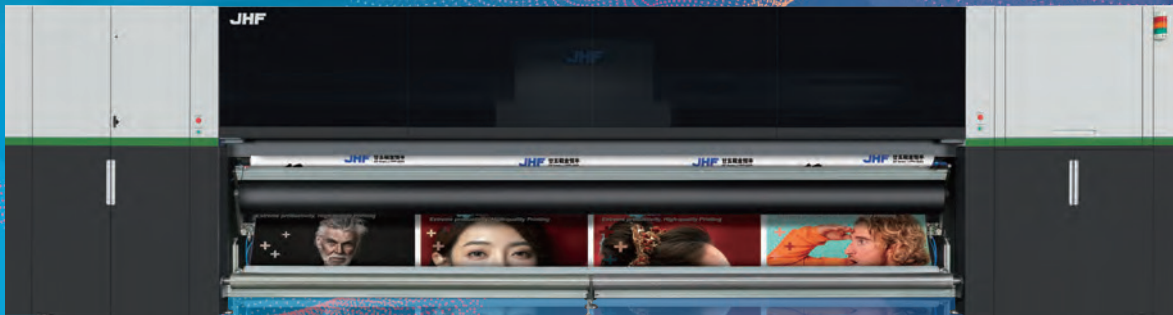




R9000Pro

Ultra-high performance industrial printer



The R9000Pro independently developed by JHF is a masterpiece in the field of industrial printing that combines ultra-wide format, high precision and intelligence. The 5-meter ultra-wide format and multi-roll printing realize efficient operation and burst out powerful productivity. The high-end quality and outstanding details give you a new experience of the new integration of color, precision, efficiency and intelligence. R9000Pro meets the needs in all aspects, provides customers with more excellent printing solutions, seizes market opportunities, and helps you achieve the maximum business benefits.

Premium Quality Powerful Productivity

The details are presented quickly and accurately. 5-meter wide free printing, 3 rolls of 1.6-meter format printing at the same time, to achieve high-speed mass production.

Flexible application high value

Focusing on quality and sustainability, perfectly responding to various environmental challenges and meeting the stringent color requirements of the high-end market.

Excellent quality, clear details

The printing effect is more lifelike, providing reliable guarantee for high-speed mass production. The pressure roller structure and custom-designed feeding system effectively prevent the platform from wrinkling and ensure the smooth running of materials.



Smart operation, new experience

It enables the whole machine to achieve unattended and extraordinary operation, helping customers to enter a new stage of intelligent production.

Learn more about R9000Pro

Core technology

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, not easy to deviate, and more suitable for high-speed printing in large quantities.
- The ink temperature control system independently developed greatly improves the smoothness of ink and the printing stability.
- The negative pressure platform managed by frequency conversion to ensure the stability of the negative pressure and effectively prevent the wrinkle of the feeding.

Ultra high output quality

- 5m wide format, double row eight color output system, all succeed in photo-realistic output.
- 0.5 μ high-precision metal encoder strip and maglev system perfectly ensures high printing accuracy during high-speed printing.
- It offers a variety of application solutions, including white and color multi-layer printing. An optional "Double-Sided Vision Alignment System" is available to achieve precise alignment for double-sided printing.
- Equipped with a highly efficient, fully automatic UV curing system, the image can be printed and dried instantly and featured with waterproof, sunproof and scratch resistant, and has higher definition, brightness and color saturation.

Intelligent module

- R9000Pro 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.
- Intelligent cutting function, which can synchronize to cut the picture vertically into multiple parts during the machine working.
- Automatic boundary detective function, multi roll material can realize intelligent typesetting and synchronous printing to increase the production capacity of the machine.
- Anti-Collision System and Printhead Lift and Protection System, combined with automatic height measurement technology, which greatly reduces the deviation and error caused by manual operation, and the anti-collision induction system better protects the heads and UV lamp.
- Stable high-precision electronic negative pressure system to ensure stable and smooth ink supply; also equipped with negative pressure protection and feedback, which can prevent ink from back flowing.
- The front guardrail uses dark gray plexiglass shielding to prevent UV damage to the human body.



R9000Pro Industrial Printer

Technical Specifications

Maximum printing width	5000mm		
Printhead	Kyocera 8C×2		
Printing mode	High speed mode	300×1800dpi	230 m ² /h
	Production mode	600 × 1200dpi	180 m ² /h
	Fine mode	600×1800dpi	120 m ² /h
	Ultra fine mode	1200×1200dpi	95 m ² /h
<small>(the above mentioned speed is based on speed without smooth)</small>			
Ink type	UV ink		
Ink color	C、M、Y、K、Lc、Lm、Ly、Lk、W		
Media type	PVC banner, PET film, backlit & frontlit fabric, PE film, mesh, etc.		
RIP software	Print Factory/Caldera (Optional)		
Control software	JHF Printer V5.1		
Working environment	Temp.18-28°C, RH 30-70%		
Air pressure parameters	≥8kg/ cm ²		
Power requirements	3 phase, 380V, 25KW		
Machine size	L 8520mm × W 1900mm × H 2200mm		
Machine weight	8000kg		



For further information, please contact local JHF partner. Website: www.jhfprinter.com Specifications are subject to change without notice. All rights reserved.

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