



AILY GROUP

OMAJIC

UV6090PRO

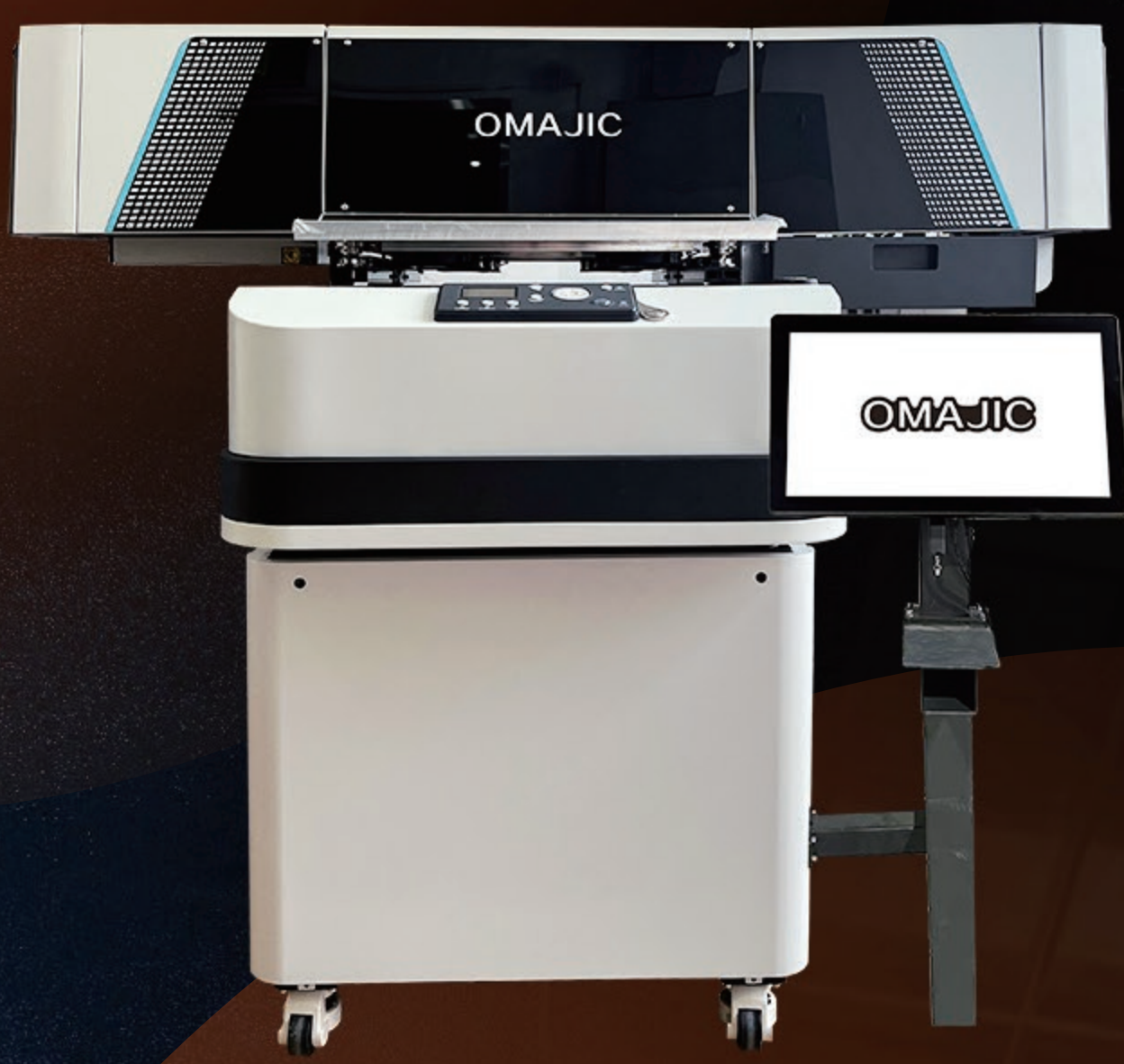
6090 UV FLATBED PRINTER

[UV FLATBED PRINTER 6090 PRO]



[6090 UV Flatbed Printer]

- Negative pressure ink supply system
- Automatic AI scanner positioning function
- Automatic Printheads Maintenance-Per 6 hours Pressing Ink



The OM-UV6090PRO flatbed printer with vision scanning is an intelligent production device designed for the high-precision, high-efficiency, and personalized customization market. It solves the alignment problem in traditional printing through vision technology, making it particularly suitable for small and medium-sized processing plants and startup studios to undertake color graphic printing services on various small, rigid materials.



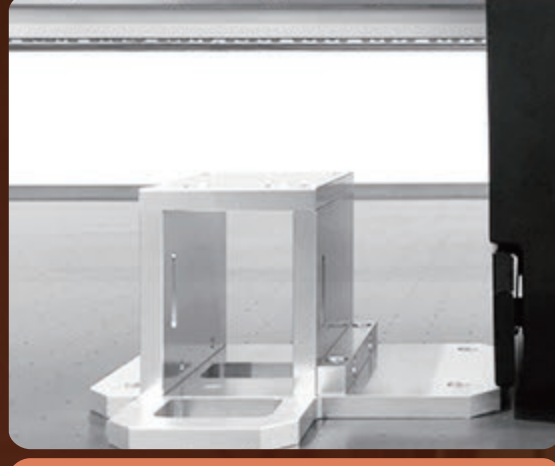
Negative pressure ink supply system

Reduce the common blockage and ink leakage problems of traditional ink supply systems and reduce the frequency of after-sales maintenance.



Automatic AI scanner positioning function

Real-time distortion correction (eliminating lens barrel distortion), perspective transformation (correction of oblique angle shooting), Template matching (mark point recognition), edge detection (Canny algorithm) based on OpenCV.



Anti-collision system is equipped

The anti-collision device detects and stops movement in time through sensors or mechanical limiters to prevent the print head from hitting the platform or other components.



Branded circuit breaker

When the printer is overloaded (such as motor stalling, heating system abnormality) and the current exceeds the rated value, the circuit breaker will automatically trip and cut off the power supply to prevent the equipment from being damaged or causing a fire due to overheating.



One-time molding aluminum beam

Ensure that the nozzle carriage moves smoothly and at high speed. High-rigidity aluminum alloy can resist inertial deformation during nozzle acceleration/sudden stop



Automatic Maintenance Every 6 hours Auto Pressing Ink

The printer system automatically performs a preset, efficient printhead maintenance program every 6 hours.

[Product details]

Print Software	Ripprint/Photoprint
All-In-One Computer Configurations	8th Generations i7-8750H Processor, 64G/128G, 15.6-inch 1920x1080 Touch Screen
Machine Functions	130mm Print Height, UV AI Scanner, Auto Moisturizing&Pressing Ink
Printing Heads	3-4pcs Epson Original I3200U/1600-U
Machine Configurations	Hiwin Guiderail, Leadshine Motor, Negative Capping Stations, All-In-One Computer(optional)
Printing Speed	6pass 2 m ² /h,8pass 2 m ² /h,12pass 1.2 m ² /h
Print Colors	CMYK W V
Working Environment	1820*1620*1400mm Space, 2000W Electricity Power, 25°C-30°C humidity50%-70%
Package Info	1900*1700*1100mm ,480KG, 3.5m ³

[Application Scheme]

